ARCADIS
Infrastructure · Water · Environment · Buildings

Imagine the result

Lockheed Martin Corporation

Supplemental Groundwater Investigation Report

Order on Consent
Index Number: A6-0001-98-08 West Lot Site
Former Lockheed French Road Facility
Utica, New York

June 2011

ARCADIS

Supplemental Groundwater Investigation Report

Order on Consent
Index Number: A6-0001-98-08
West Lot Site, Former Lockheed
French Road Facility
Utica, New York

Peter Milionis
Project Manager

Jeffrey J. Bonsteel
Associate Project Manager

Prepared for:
Lockheed Martin Corporation

Prepared by:
ARCADIS of New York, Inc.
465 New Karner Road
Suite 2
Albany
New York 12205-3839
Tel 518 452 7826
Fax 518 452 7086

Our Ref.:
NJ001018.0001

Date:
June 2011

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

Acronyms iii

1. Introduction 1

2. Objectives 1

3. Site Background 1

4. Technical Overview and Findings 3

4.1 Geology and Hydrogeology 3

4.1.1 Technical Overview 4

4.1.2 Findings 5

4.2 Groundwater Quality 6

4.2.1 Technical Overview 6

4.2.2 Results 7

4.3 Data Validation 9

5. Conclusions and Conceptual Site Model 11

6. References 14

Tables

Table 1 Sampling and Analysis Program

Table 2 Monitoring Well and Piezometer Construction Details

Table 3 Volatile Organic Compounds in Groundwater Samples

Table 4 Low-Flow Field-Parameter Results for Groundwater Samples

Table 5 Tentatively Identified Compounds in Groundwater Samples

Figures

Figure 1 Site Location Map

Figure 2 Site Features Map

Figure 3 Cross-Section Location Map

Figure 4 Hydrogeologic Cross-Section A–A'

Figure 5 Hydrogeologic Cross-Section B–B'

Figure 6 Hydropunch® Groundwater-Sampling Results

Appendices

A Hydraulic-Profiling-Tool Logs

B Soil-Boring Logs

C Grain-Size Testing Results

D Laboratory Analytical Data Packages (Provided in Electronic Format)

E Data-Usability Summary Reports

Acronyms

ASP	“Analytical Services Protocol”
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
CSM	conceptual site model
CVOC	chlorinated volatile organic compound
DCE	dichloroethene
DUSR	data-usability summary report
GC/MS	gas chromatograph/mass spectrometry
HPT	hydraulic-profiling tool
IRM	interim remedial measure
µg/L	microgram(s) per liter
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
PCE	tetrachloroethylene (also known as perchloroethylene)
PID	photoionization detector
ppm	parts per million
QA/QC	quality assurance/quality control
ROD	record of decision
TAGM	Technical and Administrative Guidance Memorandum
TIC	tentatively identified compound
TCE	trichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound

1. Introduction

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS developed this *Supplemental Groundwater Investigation Report* (herein, "report") describing ongoing groundwater investigations at the GE West Lot Site, No. 6-33-036 (herein, "site"). It is part of the former Lockheed Martin French Road Facility at 525 French Road in Oneida County in Utica, New York. The site location is shown in Figure 1 (titled "Site Location"). Lockheed Martin performed these investigations in accordance with the April 8, 2010 *Work Plan for Groundwater Investigation Activities* (approved by the New York State Department of Environmental Conservation [NYSDEC] in its 22 April 2010 letter to ARCADIS). This report summarizes the results of the recent groundwater investigation completed as part of Lockheed Martin's effort to achieve site closure.

2. Objectives

The objective for the supplemental groundwater investigation was to further evaluate groundwater quality at the site. It was designed to (i) determine whether residual chloroethene sources might be causing the increased groundwater concentrations measured during the 2009 groundwater sampling events, and (ii) delineate the areal and vertical extent of these increased concentrations.

3. Site Background

The site encompasses approximately two acres, most of it covered by mixed vegetation. It contains no occupied buildings. A small storage shed and blower house were constructed during the interim remedial measure (IRM) for soil implemented in 1993 and 1994, but they are not now in use. The site location map is shown in Figure 1. From the 1950s to the early 1960s, the site operated as a waste disposal site and fire training area, burning waste materials and spent solvents in an 80-foot diameter pit. The site is listed as a Class 4 site on the New York State "Registry of Inactive Hazardous Waste Disposal Sites."

Adjacent to and east of the West Lot Site is the former Lockheed Martin facility, historically used to manufacture electrical components. ConMed Corporation, a medical supplies manufacturer and distributor, now occupies the facility. ConMed leases the facility from its current owner, the Oneida County Industrial Development Agency. Although Lockheed Martin no longer owns the property (including the West Lot Site), the corporation has retained responsibility for remediation activities specified in the March 1998 *Record of Decision* (ROD). Southwest of the site is an active New York

State Department of Transportation (NYSDOT) facility, including a building used for office space and a garage for trucks and other vehicles. The NYSDOT facility is on a former landfill site known as the New Hartford Village dump.

As presented in the *Remedial Investigation Report* (Blasland, Bouck, & Lee, Inc., 1995) and subsequent ARCADIS reports, cis-1,2 dichloroethene (DCE), trichloroethene (TCE), 1,1,1-trichloroethane, vinyl chloride (VC), benzene, toluene, ethylbenzene, and xylene (BTEX) are the primary site-related constituents detected in soil and groundwater. Soil and groundwater investigations were conducted in the early 1990s, the results of which are summarized in the *Remedial Investigation Report* (Blasland, Bouck, & Lee, 1995). In general, the highest concentrations of site-related constituents are in the area of the former burn pit, near former monitoring well MW-G. An "Investigation Location Plan" identifying the location of the former burn pit and area explorations, is included as Figure 2.

In 1994, in accordance with the ROD, soils from the burn-pit area were excavated and placed in a containment cell as part of the implementation of the *Interim Remedial Measures Work Plan* (O'Brien & Gere Engineers, Inc., 1993). Excavations by ARCADIS in 1999 removed additional contaminated soils from the former burn-pit area, fully satisfying the soil remedy requirement in both the *ROD* and the *Order of Consent* (March 1999) (approved by NYSDEC in its 15 November 1999 letter to ARCADIS). Continued groundwater monitoring indicated a residual source of groundwater contamination. In 2004, a membrane-interface probe program was launched to delineate this residual source. This investigation led to a supplemental residual-source soil removal in the former burn-pit area being conducted in 2005 (as presented in the *Residual Source Soil Removal Report*, ARCADIS 2006) to enhance groundwater cleanup.

All post-excavation soil-sampling results from the residual-source soil removal are less than NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 cleanup objectives. NYSDEC approved the residual-source soil removal in its 31 January 2006 letter to ARCADIS. Area limits of the combined soil-removal events from the former burn-pit are shown in Figure 2. Following the 2005 soil removal, a significant decline in groundwater concentrations associated with the West Lot Site was observed.

In compliance with NYSDEC's recommended groundwater remedy presented in the ROD, a hydraulic-control system was installed in 2001 and became operational in 2002. The system consisted of an extraction well (PW-1) and a treatment unit. The

extraction well pumped water from the former burn-pit area to the groundwater collection and treatment unit (associated with the Solvent Dock area, at the east end of the former LMC facility).

The treatment unit removed volatile organic compounds (VOCs) from extracted groundwater via a low-profile air stripper. Influent samples were collected monthly from PW-1 to measure the VOC concentrations in groundwater. All treated groundwater was then discharged to the municipal storm-sewer in accordance with the Lockheed Martin's "State Pollutant Discharge Elimination System" permit. The hydraulic-control system (extraction well PW-1) operated from 2002–2006. The extraction well was shut down in January 2007, as approved by NYSDEC in its 3 January 2007 letter, because mass-recovery rates were very low and groundwater conditions had not significantly improved subsequent to the 2005 soil removal.

Results from groundwater monitoring in August and October 2009 show a modest increase in VOC concentrations (specifically chloroethenes) in the upper water-bearing unit at the site. These results were presented to NYSDEC in the *Groundwater Sampling Results* report (ARCADIS 2009). The report recommended evaluation of additional actions to address groundwater contamination. NYSDEC approved these recommendations by letter dated December 12, 2009.

Pursuant to NYSDEC approval, the *Work Plan for Groundwater Investigation Activities* (ARCADIS 2010) was prepared and submitted to NYSDEC. It outlined proposed activities to investigate the identified increases in VOC concentrations in groundwater. The work scope describes a supplemental groundwater investigation comprised of nine groundwater-sampling locations. NYSDEC approved this plan in its letter of April 22, 2010. Earlier investigation results are also summarized in this document.

4. Technical Overview and Findings

This section presents the technical overview and findings of the supplemental groundwater investigation. The work described herein was completed in accordance with the *Work Plan for Groundwater Investigation Activities*, except for the variances specifically noted in the following sections.

4.1 Geology and Hydrogeology

A hydraulic-profiling tool (HPT) was used to further characterize site hydrostratigraphy. Stratigraphic soil borings (i.e., control borings) were drilled at four locations to correlate

the HPT results. The technical overview for the HPT portion of the work is presented in section 4.1.1 and the findings are in section 4.1.2.

4.1.1 Technical Overview

Nine HPT borings were drilled on 27–28 June 2010. HPT locations are shown in Figure 2 and HPT logs are in Appendix A. The HPT provides continuous and real-time hydraulic-properties data for soil (including electrical conductivity, pressure, and flow) as the tool is advanced through the soil. HPT borings helped identify groundwater sampling intervals (using the Hydropunch®, as described in section 4.2). HPT borings were advanced to refusal, which was encountered at depths of from 28–35 feet below ground surface (bgs).

Four soil borings (WL-1, WL-6, WL-7, and WL-9 in Figure 2) were drilled on 30 June and 1 July 2010 to characterize stratigraphy in combination with the HPT measurements. Soil samples were collected using direct-push-drilling techniques to identify soil type and stratigraphy. Soil-boring logs are shown in Appendix B. As presented in the work plan, the top of till was anticipated to be encountered at 25 feet bgs. However, the top of till was instead encountered at 30 feet bgs in WL-1 and 38 feet bgs in WL-7; till was not encountered in WL-6 and WL-9, each of which was advanced to a depth of 28 feet bgs.

The significance of the deeper till is that groundwater sampling, performed at selected intervals using the Hydropunch®, was performed over a broader depth range to investigate unconsolidated deposits above the till. Soil samples were screened for VOCs with a photoionization detector (PID) to determine if any samples exhibited signs of contamination. Results of the PID screening are included in the boring logs (see Appendix B). PID readings were generally less than 10 parts per million (ppm), except for the 12–16 foot interval at boring WL-7 (10.58 ppm) and the 8–12 foot and 12–16 foot intervals at boring WL-9 (10.60 and 16.63 ppm, respectively). Soil samples were not submitted to the laboratory for further analysis because no evidence of source levels of soil contamination that might affect groundwater quality was observed.

Samples for grain-size analysis were collected from control borings WL-6 (5–6 foot interval and 6–7 foot interval) and WL-7 (10–11 foot interval and 40–41 foot interval) and submitted to a geotechnical laboratory. These samples, including hydrometer-testing grain-size analysis, although not identified in the work plan, were collected in anticipation of the development of potential remedial alternatives. Grain-size results are provided in Appendix C.

4.1.2 Findings

HPT borings were completed in an effort to identify relatively permeable and low permeable units that may control contaminant fate and transport and to subsequently identify target intervals for follow-on groundwater sampling with the Hydropunch® tool. In this manner, HPT results were designed to identify silt and clay intervals as strategic groundwater sampling targets, under the assumption that these intervals may contain VOCs that are preferentially sorbed to fine-grained soils and may contribute to groundwater contamination.

HPT readings (see Appendix A) include down-hole measurements of electrical conductivity and pressure, both of which respond positively to increased silt and clay content. As zones of fine-grained soil were targeted for groundwater sampling, these curves helped select the Hydropunch® sampling intervals. However, as compared to logs from control borings, the HPT readings' response to lithology was at times unpredictable.

The site geologic cross-sections were updated based on the control boring results. The cross-section-transect plan is shown in Figure 3; cross-sections are provided in Figures 4 through 5. The cross-sections and boring logs show four general geologic units: the kame deposits, a silt unit, till deposits, and bedrock.

The kame deposits are typically fine to coarse sands with varying amounts of gravel and silt. A silt unit is beneath the kame deposits. The top of the silt unit was encountered in control borings WL-1, WL-6, and WL-7 at 27 feet, 25 feet, and 28 feet bgs, respectively; the silt unit was not encountered in control boring WL-9. Below the silt unit are the till deposits (very dense silt with varying amounts of gravel and sand). Till was encountered in control borings WL-1 and WL-7 at 30 feet and 38 feet bgs, respectively. Till was not encountered in control borings WL-6 and WL-9, which were drilled to 28 feet.

Shale bedrock (Utica shale) lies beneath the till. Shale bedrock was not encountered during this investigation. Additionally, fill materials identified in other areas of the greater West Lot Site, which typically consist of metal, brick, wood debris, concrete, and ash mixed with sands and gravels, were also not identified as part of this investigation. The absence of this fill unit is consistent with this area of the site, which has remained relatively unchanged over the past several years as evidenced by historic aerial site photos as well as by general knowledge regarding the absence of industrial activities or development in this portion of the former French Road facility.

Grain-size analyses indicate a distribution of sands and silts, as noted in previous investigations in the kame deposits. The till analysis shows gravel-sized clasts in the matrix. Shallow soils indicate a particle-size distribution consistent with the silty sands.

4.2 Groundwater Quality

Hydropunch® sampling and monitoring well sampling were completed to further characterize groundwater quality. A technical overview of the investigation is in section 4.2.1 and the findings are presented in section 4.2.2. The sampling and analysis program is summarized in Table 1.

4.2.1 Technical Overview

Hydropunch® sampling—Nine Hydropunch® borings were drilled on 1–7 July 2010 adjacent to the nine HPT borings. These borings investigated groundwater quality at selected intervals in the water column. The Hydropunch® boring device consists of a groundwater sampler with a retrievable stainless-steel screen with a steel drop-off tip. This technology enables collection of groundwater samples at multiple depth intervals in the same boring location.

Two to four groundwater samples were collected from each boring location. Samples were generally collected as follows: one from near the anticipated till/kame unit interface, and two (or three) from the overlying kame deposits. After sampling, the deepest of the Hydropunch® sampling intervals were determined to in fact be shallower than the actual till/upper water-bearing-unit interface. Although the deep sampling intervals were not at the till/upper water-bearing unit, they were sufficiently deep to provide information on the vertical distribution of VOCs in groundwater.

Groundwater-sampling intervals were selected based on the information from the HPT and soil borings. Groundwater samples were submitted to TestAmerica Laboratories, Inc. of Amherst, New York and analyzed for “Target Compound List” VOCs by United States Environmental Protection Agency (USEPA) Method 8260. Field quality-control samples consisted of one trip blank and one field duplicate for each day of field sampling.

Monitoring well sampling—To provide simultaneous groundwater geochemical data, three existing wells (PW-1, MW-D, and MW-F) in the study area were tested for field parameters on 7 July 2010. At each well, groundwater was purged using a submersible pump under low-flow conditions (<500 milliliters per minute). The outlet tubing from the

pump was connected directly to a flow-through cell to measure dissolved oxygen, pH, redox potential, temperature, and conductivity with a field meter. One groundwater sample from each of the three wells was tested in the field for ferrous iron using a field spectrophotometer. Well construction details for all monitoring wells and piezometers are presented in Table 2.

4.2.2 Results

Groundwater quality data from the Hydropunch® investigation is summarized in Table 3 and shown in Figure 6. The laboratory analytical-data package is provided in Appendix D. Monitoring-well field-parameter results are summarized in Table 4.Sampling results show concentrations of VOCs greater than groundwater-quality criteria at eight of the nine boring locations. The VOC compounds are predominantly chloroethenes, with the addition of benzene at locations WL-5 through WL-9, xylenes at locations WL-7 and WL-8, and ethylbenzene and toluene at location WL-8.

The eight locations with samples exceeding water-quality criteria are WL-1 through WL-3 and WL-5 through WL-9. Exceedances of these criteria were not detected in samples collected from boring location WL-4, which delineates the eastern extent of the investigation area. Sampling results show decreasing concentrations with depth at most boring locations.

These decreasing trends can be attributed to decreasing transmissivity with depth, which limits vertical migration of VOCs. Higher concentrations of VOCs (greater than NYSDEC groundwater criteria) were predominately identified in the shallower kame deposits. Samples collected at depth (and nearer the till unit) do not indicate that contamination is consistently present or migrating to this lower water-bearing unit. These results are consistent with previous interpretations of contaminant distribution for the West Lot Site.

In general, total VOC concentrations identified during this investigation range from less than 10 micrograms per liter (µg/L), to 460 µg/L (at WL-5 in the 10–12-foot interval). The following provides additional specifics on each sampling location:

- WL-1—the highest concentrations of VOCs are noted in the 11–13' and 23–25' intervals, with the 23–25' interval providing a better distribution of daughter products to TCE than the shallower 11–13' interval. The shallowest (7–9') and

deepest intervals (30–32') do not exhibit concentrations of VOCs greater than groundwater-quality criteria.

- WL-2—Only TCE (at the 12–14') interval was detected at a concentration greater than groundwater-quality criteria.

- WL-3—Similar to location WL-2, only TCE was detected at a concentration greater than groundwater-quality criteria (at both the 24–26' and 30–32' intervals).

- WL-4—Except for acetone (probably a laboratory artifact) detected at low levels, no constituents were detected in samples from this boring.

- WL-5—The highest concentrations of VOCs are noted in the 10–12' and 19–21' intervals, with the 10–12' interval exhibiting several daughter products to TCE as well as benzene at concentrations greater than groundwater-quality criteria. The deepest interval (30–32') does not exhibit VOC concentrations greater than groundwater-quality criteria.

- WL-6—The shallow interval (10–12') exhibits several VOCs at concentrations greater than groundwater-quality criteria. No exceedances of groundwater-quality criteria were observed in the second (and deeper) interval (30–32').

- WL-7—Exceedances of groundwater-quality criteria (and specifically for cis-1,2-DCE) are noted in samples from all three intervals at this location. The shallower interval (10–12') also exhibits concentrations of VOCs in addition to cis-1,2-DCE that are greater than groundwater-quality criteria.

- WL-8—Only the shallow interval (10–12") exhibits concentrations of VOCs greater than groundwater-quality criteria.

- WL-9—All three sampled intervals exhibit concentrations of VOCs greater than groundwater-quality criteria. The shallowest interval (10–12') indicates the widest array of contaminants, whereas the deeper intervals (25–27' and 30–32') indicate exceedances of only tetrachloroethylene (PCE) and TCE.

Monitoring well results show anaerobic and mildly reducing to slightly aerobic and mildly reducing groundwater conditions. Ferrous-iron concentrations range from not

detected to 0.56 milligrams per liter. These concentrations of ferrous iron indicate minimal iron-reducing bacterial activity and biodegradation. However, previous site data sets support the steady and prolonged biodegradation of VOCs in site groundwater. The overall distribution and type of constituents detected in groundwater are consistent with previous site characterizations, although the reported concentrations are generally greater than those noted in groundwater samples collected from the existing monitoring well network (PW-1, MW-D, MW-E, MW-F, and MW-1 [DOT]).

In addition to the analytical results presented above, tentatively identified compounds (or TICs) are also reported for the groundwater samples collected for this investigation. The results of the TIC analysis are provided in Table 5. TICs are reported in four samples, however, target VOCs are also reported for these samples. Concentrations of target VOCs are greater than NYSDEC guidance values. Therefore, the presence of the TICs does not represent unique impacts to groundwater and does not modify the extent of groundwater contamination, nor will it affect the approach for remediation/site closure. As this TIC analysis was being conducted by Lockheed Martin as a screening mechanism for additional compounds, NYS ASP Category B deliverables were not generated.

4.3 Data Validation

All analyses were performed according to USEPA SW-846 Method 8260B. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005. Data packages were provided by a New York State- (NYS)-certified laboratory and prepared as NYS “Analytical Services Protocol” (ASP) Category B deliverables. The review was conducted as a Tier III evaluation and included a review of data package completeness. Field documentation was not included in this review. This assessment included the validation-annotated sample-result sheets and chain of custody documentation. Data-Usability Summary Reports were completed in accordance with NYSDEC Draft DER-10 (Technical Guidance for Site Investigation and Remediation [December 2002]).

The data review evaluates data technically rather than simply determining contract compliance. As such, the standards against which the data are weighed may differ from those specified in the contractually stipulated analytical method. The data package is thus presumed to represent the best efforts of the laboratory, and the data are likewise presumed to have been subjected to adequate and sufficient quality review before submission.

During data review, laboratory-qualified and -unqualified data are verified against the supporting documentation. This evaluation may lead to qualifier codes being added, deleted, or modified by the data reviewer. The NYSDEC ASP Category B-deliverable data review included checks of:

- chain-of-custody forms
- GC/MS instrument-performance checks
- trip- and/or laboratory (method)-blank-detected constituents
- matrix-spike/spike-duplicate precision and accuracy
- checking for transcriptions between quantitation reports and Form "I"s
- holding times
- instrument calibration
- surrogate-spike recoveries
- internal standards
- blind-duplicate precision

The data validator performed final validation of data obtained from field sampling and analyses. Laboratory deliverables were reviewed for accuracy, precision, completeness, and overall data quality. All laboratory data were reviewed for adherence to method-specific quality assurance/quality control (QA/QC) guidelines and to the data validation guidelines that are described above.

Data usability—The project data-validator reviewed the analytical data for usability, including determining if the data were accurate, precise, representative, complete, and comparable. The review of the analytical results included checking chain-of-custody forms, sample holding times, blank contamination, spike recoveries, surrogate recoveries, internal standard, and precision of duplicate-sample analysis, and laboratory control samples (as appropriate). The review classified the data as valid, usable, or unusable. Valid data are data for which all QA/QC review criteria have been met and are acceptable (as per details outlined in the preceding section). Data were characterized as usable where QA/QC parameters were marginally outside acceptable limits (example: sample holding times were slightly exceeded), such that the data may be questionable, but still usable within limitation. Unusable data are data that are

observed to have gross errors or analytical interference that would render the data invalid for any purpose.

The data-usability summary reports (DUSRs) are prepared in accordance with NYSDEC guidance and are included as Appendix E. Data qualifications resulting from validation are included in the data tables. All data reviewed are considered usable based on the validation.

5. Conclusions and Conceptual Site Model

The supplemental investigation results show that VOCs are in groundwater at concentrations greater than NYSDEC groundwater criteria. These VOC concentrations suggest that additional residual contamination derives from the former burn-pit area, judging from the concentrations and distribution of the VOCs identified by this and previous investigations. Furthermore, although not detected at elevated concentrations in recent groundwater monitoring events in the existing well network, the detections of benzene, toluene, ethylbenzene, and xylenes (BTEX) in groundwater are consistent with historical groundwater quality associated with the West Lot Site (and specifically for those wells in or immediately downgradient of the former burn-pit area). These BTEX constituents are low and not widely distributed, and (as compared to historical concentrations of these constituents) continue to degrade.

Contaminated groundwater is generally defined by the concentrations reported in groundwater monitoring wells. MW-1 (DOT), MW-D, MW-E, MW-F, and PW-1 (as shown in Figure 2) generally define the horizontal limits of groundwater contamination. Downward migration of VOCs is controlled by the stratigraphic conditions and natural attenuation. Most groundwater contamination is limited to the shallow intervals in the kame deposits, although some detectable concentrations of VOCs are present at depth. The supplemental investigation area further defines the areal extent of contamination, including areas slightly east of the existing groundwater monitoring well network.

The supplemental groundwater investigation results generally support the conceptual site model (CSM) developed as part of previous site investigations. However, information from the supplemental investigation has advanced the CSM, most notably regarding the depth of the till and general stratigraphy, as well as overall contaminant concentrations and distribution. The previous supplemental groundwater investigation described the four stratigraphic units consisting of kame deposits (fine to coarse sand with sand, gravel, and silt) and a silt layer overlying till deposits that in turn overlie

shale bedrock (i.e., the Utica shale). Although the supplemental groundwater investigation encountered the same four stratigraphic units, the top of till was encountered as much as 10–15 feet deeper at some locations, generally placing the top of till at approximately 35 feet bgs, compared to approximately 25 feet bgs in previous investigations. The silt layer defined in previous investigations was also observed in supplemental investigation borings, as well as the kame deposits.

The CSM before the supplemental groundwater investigation described a general fining-downward sequence, with contamination decreasing with depth, suggesting decreasing transmissivity and groundwater flow with depth. Contaminant distribution results for the supplemental investigation confirm these stratigraphic conditions, as indicated by decreasing groundwater contamination with depth. HPT readings are not as conclusive, however, because the response varies and is not consistent with the lithology observed in the soil borings.

Previous investigations have shown that the inferred direction of groundwater flow (based on water elevation and hydraulic gradients) is radial, towards the west and south. Although water elevation data were not collected as part of the supplemental groundwater investigation, the contaminant distribution continues to show contaminant transport primarily to the south. The supplemental groundwater investigation further defines the area of contamination to include an area east of the existing monitoring well network, which appears to be hydraulically downgradient of the former burn-pit area.

Groundwater contamination and the constituents detected are consistent with prior detections in groundwater; however, the concentrations are greater than those measured more recently. Chlorinated volatile organic compounds (CVOCs) noted in recent sampling events for the existing monitoring network persist. Groundwater slightly east of this network also exhibits CVOC concentrations above NYSDEC guidance values. Furthermore, at a few locations, BTEX compounds were detected at concentrations slightly greater than those measured more recently in site groundwater monitoring events. BTEX has been historically detected in several site monitoring wells.

The source of these increased observed concentrations of CVOCs and BTEX is likely associated with the former burn-pit area and a rebound effect in groundwater concentrations. Concentrations of BTEX compounds are low (as compared to historical concentrations observed at the site) and they should continue to degrade, as will the CVOC constituents (albeit at a lower rate), as evidenced by the monitoring results and groundwater quality trends for the site.

ARCADIS, on behalf of Lockheed Martin, will discuss future actions (if any) with NYSDEC regarding the concentrations detected as part of the above investigation, and develop a path forward for site closure.

6. References

ARCADIS 1999. Soil Removal Report, West Lot Site, Utica, New York. November.

ARCADIS 2000. Summary of Findings Report, Aquifer Test, ERD Field Test, Bedrock Groundwater Investigation, West Lot Site, Utica, New York. February.

ARCADIS 2005. 2004 Annual Monitoring Report, West Lot Site, Utica, New York. March.

ARCADIS 2006. Residual-Source Soil-Removal Report, Former GE West Lot Site, Utica, New York. January.

ARCADIS 2002. Annual Monitoring Report, Lockheed Martin Corporation, West Lot Site, French Road, Utica, New York, 2002.

ARCADIS 2003. Annual Monitoring Report, Lockheed Martin Corporation, West Lot Site, French Road, Utica, New York, 2003.

ARCADIS 2004. Annual Monitoring Report, Lockheed Martin Corporation, West Lot Site, French Road, Utica, New York, 2004.

ARCADIS 2002 through 2005, Monthly Status Reports for West Lot Site, Utica, NY, Submitted Monthly between 2002 and 2005.

ARCADIS 2008, Health and Safety Plan, Solvent Dock Area and West Lot Site, Utica, New York. November.

ARCADIS 2010, Work Plan for Groundwater Investigation Activities, West Lot Site. April.

Blasland, Bouck, and Lee, Inc. 1995. Remedial Investigation Report, West Lot Site, Utica, New York. August.

New York State Department of Environmental Conservation, 1998. Record of Decision, GE West Lot, Utica (C), Oneida County, New York, Site No. 6-33-036. March.

New York State Department of Environmental Conservation, 1999. Order on Consent, GE West Lot Site (#633036). March.

New York State Department of Environmental Conservation, 1999. Correspondence to ARCADIS on Soil-Removal Report, GE West Lot Site (#633036). March.

O'Brien & Gere Engineers, Inc., 1993. Interim Remedial Measure Work Plan, Martin Marietta Corporation, West Lot Site, Utica, New York.

O'Brien & Gere Engineers, Inc., 1994. Interim Remedial Measure Program, Martin Marietta Corporation, West Lot Site, Utica, New York. June.

ARCADIS

Tables

ARCADIS

Table 1. Sampling and Analysis Program, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Property, Utica, New York.

SUPPLEMENTAL DOWNGRADIENT GROUNDWATER INVESTIGATION						
Sample Location	Hydraulic Profiling Tool (HPT) Borings	Geoprobe Borings	Hydropunch Sampling TCL VOCs Analysis			
			Depth to Water Sample Collection (ft bgs)			
WL-1	X	X	7-9	11-13	23-25	30-32
WL-2	X		8-10	12-14	26-28	30-32
WL-3	X		10-12	24-26	30-32	
WL-4	X		10-12	24-26	30-32	
WL-5	X		10-12	19-21	30-32	
WL-6	X	X	10-12	30-32		
WL-7	X	X	10-12	24-26	38-40	
WL-8	X		10-12	25-27	30-32	
WL-9	X	X	10-12	25-27	30-32	

Existing Permanent-Well Sampling	
Monitoring Well ID	Dissolved Oxygen, pH, Redox Potential, Temperature, Conductivity, Ferrous Iron
PW-1	X
MW-D	X
MW-F	X

X - Sample Collected
PZ = Piezometer
ft bgs = feet below ground surface
TCL = Total Compound List
VOC = Volatile Organic Compounds
MW = Monitoring Well
WL = West Lot

ARCADIS

Table 2. Monitoring Well and Piezometer Construction Details, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Property, Utica, New York.

Monitoring Well	Diameter/Material	Screen Length	Ground Surface Elevation	Top of PVC Riser Elevation	Well Depth (ft bgs)	Screen Depth (ft bgs)			Screen/Borehole Elevation		Hydrogeologic Unit Monitored	Date Installed	Consultant Name
						From (Top)		To (Bottom)	Top	Bottom			
West Lot Site									0.0	0.0	Native Overburden		
MW-B	2"/PVC	10	508.40	509.85	14.0	4.0	---	14.0	504.4	494.4	Native Overburden	1990	O'Brien and Gere
MW-C	2"/PVC	10	507.00	509.10	14.1	4.1	---	14.1	502.9	492.9	Native Overburden	1990	O'Brien and Gere
MW-D	2"/PVC	10	506.50	508.95	14.1	4.1	---	14.1	502.4	492.4	Native Overburden	1990	O'Brien and Gere
MW-E	2"/PVC	8	506.10	508.50	14.0	6.0	---	14.0	500.1	492.1	Native Overburden	1990	O'Brien and Gere
MW-F	2"/PVC	11	507.40	509.75	14.5	3.5	---	14.5	503.9	492.9	Native Overburden	1991	O'Brien and Gere
MW-1(DOT)	2"/PVC	10	506.60	508.70	13.5	3.5	---	13.5	503.1	493.1	Native Overburden	1990	O'Brien and Gere
PW-1	6"/SS	10	504.14	503.26	26.0	16.0	---	26.0	488.1	478.1	Native Overburden	1999	ARCADIS
10-Acre Parcel													
MW-1	2"/PVC	10	508.65	508.65	13.5	3.5	---	13.5	505.2	495.2	Native Overburden	1990	O'Brien and Gere
MW-2	2"/PVC	--	511.00	512.90	14.9	--	---	--	--	--	Native Overburden	--	--
MW-3	2"/PVC	--	501.40	503.30	19.7	--	---	--	--	--	Native Overburden	--	--
MW-4	2"/PVC	--	503.25	505.70	14.8	--	---	--	--	--	Native Overburden	--	--
MW-5	2"/PVC	10	507.10	509.75	14.0	4.0	---	14.0	503.1	493.1	Native Overburden	1990	O'Brien and Gere
Western Parking Lot													
PZ-1	1"/PVC	10	508.79	508.56	15.0	5.0	---	15.0	503.8	493.8	Native Overburden/Fill	2009	ARCADIS
PZ-2	1"/PVC	5	509.19	508.95	9.0	4.0	---	9.0	505.2	500.2	Native Overburden/Fill	2009	ARCADIS

All elevations are reported as feet mean sea level (ft msl)
-- = Unknown detail
Survey data is referenced horizontally to the NAD83 and projected on the New York State Plane Coordinate System (Central Zone)
The reference vertical benchmark is the finished floor elevation of the southeasterly corner of the Boiler House Building (Elevation 506.50 feet)

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-1 (7-9) 7/2/2010	WL-1 (11-13) 7/2/2010	WL-1 (23-25) 7/2/2010	WL-1 (30-32) 7/2/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	1.3	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND
Carbon disulfide	NS	ND	ND	0.60 J	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	1.0	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	3.1	3.3	**31**	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	**44**	3.6	1.6
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	**6.1**	ND
Xylenes, total	5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	3.1	3.3	**31**	ND
1,1,1-Trichloroethane	5	ND	0.95	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	4.1 J	3.7	5.5 J	7.5 J
Benzene	1	ND	ND	ND	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-2 (8-10) 7/2/2010	WL-2 (12-14) 7/2/2010	WL-2 (26-28) 7/2/2010	WL-2 (30-32) 7/2/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND
Carbon disulfide	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	1.8	2.7	1.3
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	**9.9**	3.8	2.4
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND
Xylenes, total	5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	ND	1.8 J	2.7	1.3 J
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	3.0 J	4.9 J	19	15
Benzene	1	ND	ND	ND	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-3 (10-12) 7/2/2010	WL-3 (24-26) 7/2/2010	WL-3 (30-32) 7/2/2010	WL-4 (10-12) 7/6/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND J
Carbon disulfide	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	**13 J**	**9.5**	ND
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND
Xylenes, total	5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	2.6 J	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	ND	6.2 J	17	3.4 J
Benzene	1	ND	ND	ND	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-4 (24-26) 7/6/2010	WL-4 (30-32) 7/6/2010	WL-5 (10-12) 7/6/2010	WL-5 (19-21) 7/6/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	ND	1.0 J	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND J	ND J	ND J	ND J
Carbon disulfide	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	**190 D**	**6.8**
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	3.4 J	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	ND	**0.77 J**	ND
Ethylbenzene	5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	0.81 J	ND
Toluene	5	ND	ND	2.1	ND
trans-1,2-Dichloroethene	5	ND	ND	2.2	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	ND	5.0	0.56 J
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	**78**	0.99 J
Xylenes, total	5	ND	ND	1.5 J	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	ND	ND	**180**	**6.8**
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	5.9 J	6.5 J	ND	ND
Benzene	1	ND	ND	**2.5**	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-5 (30-32) 7/6/2010	WL-6 (10-12) 7/6/2010	WL-6 (30-32) 7/6/2010	WL-7 (10-12) 7/1/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	21 J	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND J	ND J	ND J	ND
Carbon disulfide	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	2.0	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	1.8	**140 D**	2.3	**120 D**
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	0.97 J
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	**1.1**	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	0.66 J
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	0.91 J
Toluene	5	ND	ND	ND	1.0
trans-1,2-Dichloroethene	5	ND	1.3	ND	1.1
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	**47**	2.8	**6.2**
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	**5.6**	ND	**24**
Xylenes, total	5	ND	ND	ND	**2.3**
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	1.8 J	**140**	2.3	**120 D**
1,1,1-Trichloroethane	5	ND	3.3	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	ND	ND	ND	8.9 J
Benzene	1	ND	ND	ND	**2.0**

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-7 (24-26) 7/1/2010	WL-7 (38-40) 7/1/2010	WL-8 (10-12) 7/7/2010	WL-8 (25-27) 7/6/2010
1,1,2-Trichlorotrifluoroethane	NS	0.97 J	1.4	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND J	ND J
Carbon disulfide	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	**17**	**18**	1.4	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	26 J	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	**150 D**	ND
Isopropylbenzene	5	ND	ND	3.0	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	12	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	0.61 J	0.59 J	ND	ND
Toluene	5	0.65 J	0.6 J	**10**	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	3.1	4.0	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	1.1	ND
Xylenes, total	5	ND	ND	**340 D**	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	**5.4**	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	**17**	**18**	2.2	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	28	16	ND	4.9 J
Benzene	1	0.55 J	0.61 J	**1.2**	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 3. Volatile Organic Compounds in Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

CONSTITUENT	NYSDEC GW STANDARDS	WL-8 (30-32) 7/6/2010	WL-9 (10-12) 7/7/2010	WL-9 (25-27) 7/7/2010	WL-9 (30-32) 7/7/2010
1,1,2-Trichlorotrifluoroethane	NS	ND	1.0 J	0.50 J	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND J	ND J	ND J	ND J
Carbon disulfide	NS	0.97 J	ND	0.50 J	ND
Carbon Tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chlorodibromomethane	NS	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	1.5	ND	ND
Chloromethane	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	**27**	ND	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
1,1-Dichloroethene	0.7	ND	**4.5**	ND	ND
Ethylbenzene	5	1.2	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl Acetate	NS	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	**5.5**	**5.8**
Toluene	5	1.0	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	0.70 J	**420 DJ**	**21**	**23**
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	**11**	ND	ND
Xylenes, total	5	1.9 J	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloroethene, Total	5	ND	**28**	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	ND	ND	ND	ND
Acetone	50	8.9 J	ND	3.1 J	ND
Benzene	1	ND	**2.6**	ND	ND

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality S
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

ARCADIS

Table 4. Low-Flow Field-Parameter Results for Groundwater Samples, West Lot Site Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

Parameter	PW-1 7/7/2010	MW-D 7/7/2010	MW-F 7/7/2010
Temperature (Celsius)	14.13	16.82	15.54
pH (S.U.)	7.27	6.81	7.11
Specific Conductivity (mS/cm)	0.74	0.647	0.542
Dissolved Oxygen (mg/l)	1.73	0.55	0.54
Oxidation-Reduction Potential (mV)	-97	-7.1	60.6
Ferrous Iron (mg/l)	0.56	0.26	ND

Notes:
S.U. - standard units
mS/cm - Millisiemens per centimeter
mg/l - Micrograms per liter
mV - Millivolts
ND - Not detected

ARCADIS

Table 5. Tentatively Identified Compounds in Groundwater Samples, West Lot Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

Tentatively Identified Compound (TIC)	CAS No.	Synonyms	USEPA Tapwater RSL (ug/L)	NYSDEC Part 703 Standard (ug/L)	NYSDEC Ambient Water Quality Standard (ug/L)	Sample ID	WL-1 (11-13)	WL-1 (23-25)	WL-1 (30-32)	WL-1 (7-9)	WL-2 (12-14)	WL-2 (26-28)	WL-2 (30-32)	WL-2 (8-10)	WL-3 (10-12)
						Sample Date	7/2/2010	7/2/2010	7/2/2010	7/2/2010	7/2/2010	7/2/2010	7/2/2010	7/2/2010	7/2/2010
						Notes									
Cyclopentane	287-92-3		NA	NS	NS										
1,2-Dichloro-1,1,2-trifluoroethane	354-23-4	CFC 123a	NA	NS	See note (3)										
cis-1,3-Dimethylcyclohexane	638-04-0		NA	NS	NS										
1,4-Dimethylcyclohexane	589-90-2		NA	NS	See note (4)										
Hexane	110-54-3	n-Hexane	880	NS	See note (5)										
2-Methylbutane	78-78-4	Isopentane	NA	NS	NS										
Methylcyclopentane	96-37-7		NA	NS	See note (5)										
2-Methylpentane	107-83-5	Isohexane	NA	NS	NS										
3-Methylpentane	96-14-0		NA	NS	NS										
Pentane	109-66-0	n-Pentane	2100	NS	NS										
1,2,4-Trimethylbenzene	95-63-6		15	5	5										
Unknown Compound															
No TICs Found							X	X	X	X	X	X	X	X	X

Notes:
All values in micrograms per liter (ug/L).
NA = value not available
NS = no standard
RSL = Regional Screening Level
USEPA = US Environmental Protection Agency
NYSDEC = New York State Department of Environmental Conservation
D08 = Dilution required due to high concentration of target analyte(s)
D03 = Dilution required due to excessive foaming
T11 = This compound is a calibrated analyte and therefore is qualitatively and quantitatively reported compared to a known standard that is in control
(1) An analyte or analytes were reported twice, with and without dilution. Only the dilution result is given.
(2) Two or more results were reported, one or more without dilution and one with dilution. All results are given and the dilution result is qualified. If a qualifier was not provided in the laboratory data output, ARCADIS has added an asterisk (*) where necessary to denote the dilution.
(3) This compound falls under Principal Organic Contaminant (POC) Class 1 for groundwater, halogenated alkanes. The applicable standard is 5 ug/L (NYSDEC 1998).
(4) Trans- isomer listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.
(5) Listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.

ARCADIS

Table 5. Tentatively Identified Compounds in Groundwater Samples, West Lot Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

Tentatively Identified Compound (TIC)	CAS No.	Synonyms	USEPA Tapwater RSL (ug/L)	NYSDEC Part 703 Standard (ug/L)	NYSDEC Ambient Water Quality Standard (ug/L)	WL-3 (24-26) [DUP070210] 7/2/2010	WL-3 (30-32) 7/2/2010	WL-4 (10-12) 7/6/2010	WL-4 (24-26) 7/6/2010	WL-4 (30-32) 7/6/2010	WL-5 (10-12) 7/6/2010 (2)	WL-5 (19-21) 7/6/2010	WL-5 (30-32) 7/6/2010	WL-6 (10-12) 7/6/2010 (1)	WL-6 (30-32) 7/6/2010
Cyclopentane	287-92-3		NA	NS	NS										
1,2-Dichloro-1,1,2-trifluoroethane	354-23-4	CFC 123a	NA	NS	See note (3)						4.1			7.1	
cis-1,3-Dimethylcyclohexane	638-04-0		NA	NS	NS										
1,4-Dimethylcyclohexane	589-90-2		NA	NS	See note (4)										
Hexane	110-54-3	n-Hexane	880	NS	See note (5)										
2-Methylbutane	78-78-4	Isopentane	NA	NS	NS										
Methylcyclopentane	96-37-7		NA	NS	See note (5)										
2-Methylpentane	107-83-5	Isohexane	NA	NS	NS										
3-Methylpentane	96-14-0		NA	NS	NS										
Pentane	109-66-0	n-Pentane	2100	NS	NS										
1,2,4-Trimethylbenzene	95-63-6		15	5	5										
Unknown Compound															
No TICs Found						X	X	X	X	X	X *	X	X		X

Notes:
All values in micrograms per liter (ug/L).
NA = value not available
NS = no standard
RSL = Regional Screening Level
USEPA = US Environmental Protection Agency
NYSDEC = New York State Department of Environmental Conservation
D08 = Dilution required due to high concentration of target analyte(s)
D03 = Dilution required due to excessive foaming
T11 = This compound is a calibrated analyte and therefore is qualitatively and quantitatively reported compared to a known standard that is in control
(1) An analyte or analytes were reported twice, with and without dilution. Only the dilution result is given.
(2) Two or more results were reported, one or more without dilution and one with dilution. All results are given and the dilution result is qualified. If a qualifier was not provided in the laboratory data output, ARCADIS has added an asterisk (*) where necessary to denote the dilution.
(3) This compound falls under Principal Organic Contaminant (POC) Class 1 for groundwater, halogenated alkanes. The applicable standard is 5 ug/L (NYSDEC 1998).
(4) Trans- isomer listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.
(5) Listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.

ARCADIS

Table 5. Tentatively Identified Compounds in Groundwater Samples, West Lot Supplemental Groundwater Investigation Report, Former Lockheed Martin French Road Facility, Utica, New York

Tentatively Identified Compound (TIC)	CAS No.	Synonyms	USEPA Tapwater RSL (ug/L)	NYSDEC Part 703 Standard (ug/L)	NYSDEC Ambient Water Quality Standard (ug/L)	WL-7 (10-12) 7/1/2010 (2)	WL-7 (24-26) 7/1/2010	WL-7 (38-40) 7/1/2010	WL-8 (10-12) [DUP-070710] 7/7/2010 (1)	WL-8 (25-27) 7/6/2010	WL-8 (30-32) 7/6/2010	WL-9 (10-12) 7/7/2010	WL-9 (25-27) 7/7/2010	WL-9 (30-32) 7/7/2010
Cyclopentane	287-92-3		NA	NS	NS				6.2 [5.6]					
1,2-Dichloro-1,1,2-trifluoroethane	354-23-4	CFC 123a	NA	NS	See note (3)	3.3			10 [10]					
cis-1,3-Dimethylcyclohexane	638-04-0		NA	NS	NS				9.2 [NA]					
1,4-Dimethylcyclohexane	589-90-2		NA	NS	See note (4)				NA [9.0]					
Hexane	110-54-3	n-Hexane	880	NS	See note (5)				7.3 [7.2]					
2-Methylbutane	78-78-4	Isopentane	NA	NS	NS				13 [12]					
Methylcyclopentane	96-37-7		NA	NS	See note (5)				26 [25]					
2-Methylpentane	107-83-5	Isohexane	NA	NS	NS				8.6 [9.2]					
3-Methylpentane	96-14-0		NA	NS	NS				5.9 [5.8]					
Pentane	109-66-0	n-Pentane	2100	NS	NS				17 [17]					
1,2,4-Trimethylbenzene	95-63-6		15	5	5				3.5 [3.7] T11					
Unknown Compound						15			11 [NA]					
No TICs Found						X *	X	X		X	X	X	X	X

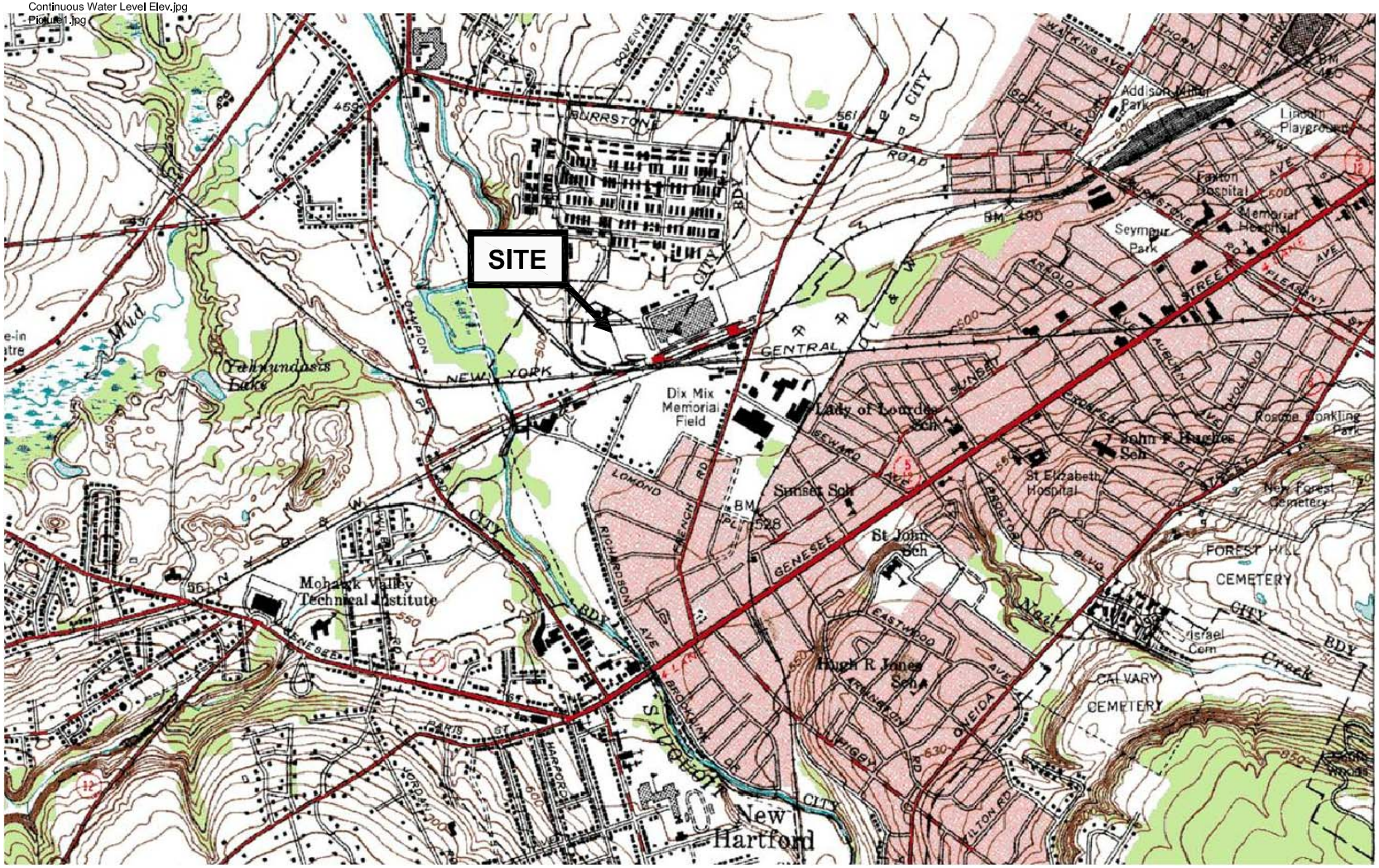
Notes:
All values in micrograms per liter (ug/L).
NA = value not available
NS = no standard
RSL = Regional Screening Level
USEPA = US Environmental Protection Agency
NYSDEC = New York State Department of Environmental Conservation
D08 = Dilution required due to high concentration of target analyte(s)
D03 = Dilution required due to excessive foaming
T11 = This compound is a calibrated analyte and therefore is qualitatively and quantitatively reported compared to a known standard that is in control
(1) An analyte or analytes were reported twice, with and without dilution. Only the dilution result is given.
(2) Two or more results were reported, one or more without dilution and one with dilution. All results are given and the dilution result is qualified. If a qualifier was not provided in the laboratory data output, ARCADIS has added an asterisk (*) where necessary to denote the dilution.
(3) This compound falls under Principal Organic Contaminant (POC) Class 1 for groundwater, halogenated alkanes. The applicable standard is 5 ug/L (NYSDEC 1998).
(4) Trans- isomer listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.
(5) Listed in Table 3 of NYSDEC (1998); not subject to POC groundwater standard.

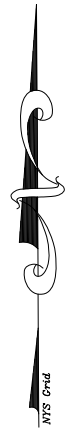
ARCADIS

Figures

CITY:(MAHWAH) DIV/GROUP:(ENRI-1) DB:(JG LD:(Opt) PIC:(Opt) PM:(CM) TM:(BM) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\BALTIMORE\LMC-MARCH-13-09\FIG 1A SITE-LOCATION.dwg LAYOUT: 1 SAVED: 4/13/2009 8:53 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: ACAD.CTB PLOTTED: 4/13/2009 8:54 AM BY: GOFORTH, JOHN

XREFS: IMAGES: PROJECTNAME: ---
Continuous Water Level Elev.jpg
Picture1.jpg





0 12000 24000
SCALE IN FEET

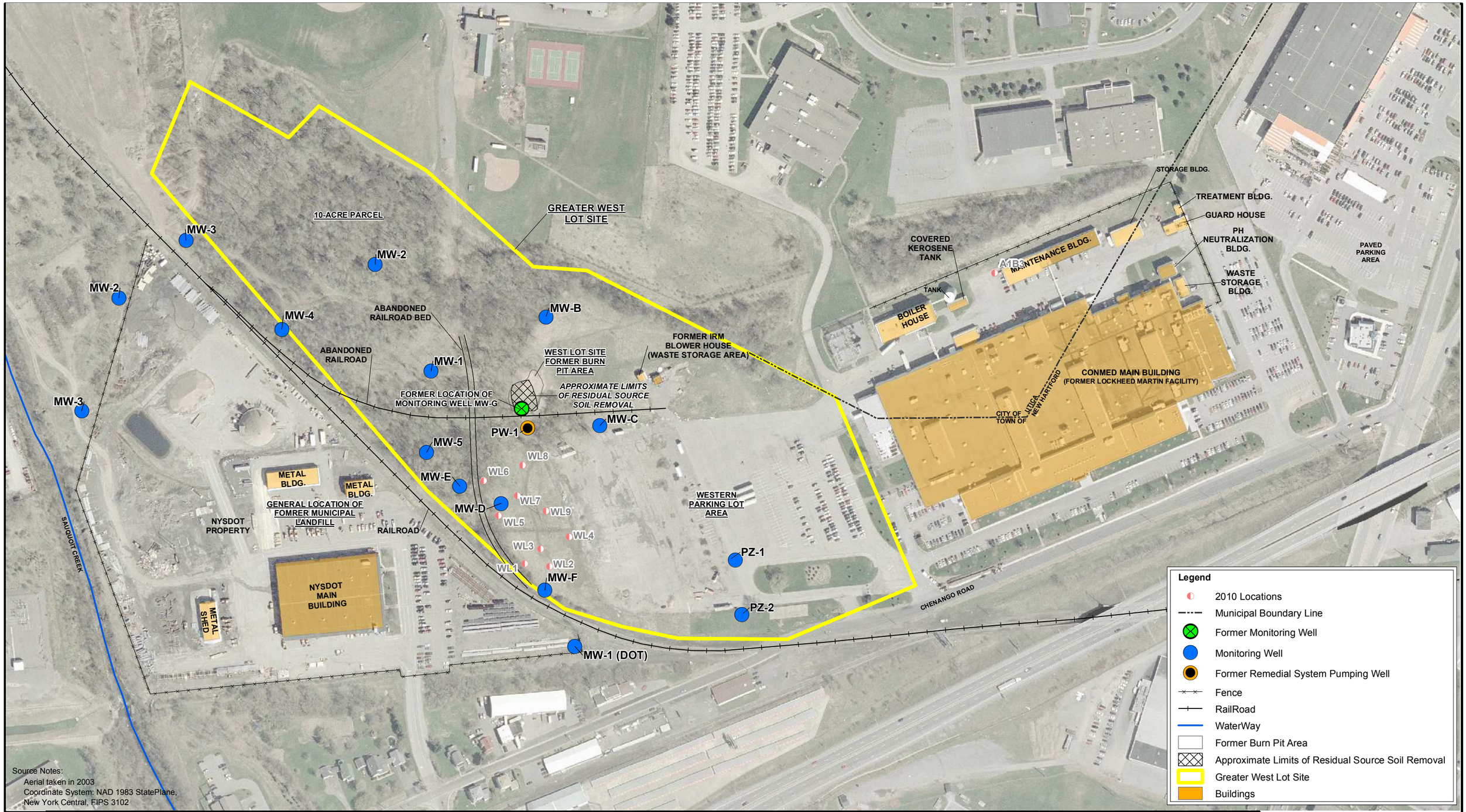
WEST LOT SITE SUPPLEMENTAL INVESTIGATION REPORT

FORMER LOCKHEED MARTIN, FRENCH ROAD PROPERTY
UTICA, NEW YORK

SITE LOCATION MAP

ARCADIS

FIGURE
1



Source Notes:
Aerial taken in 2003
Coordinate System: NAD 1983 StatePlane, New York Central, FIPS 3102

ArcGIS - ArcView 9.x

copyright © 2010

ARCADIS
465 New Karner Road, First Floor
Albany, NY 12205
Tel (518)452-7826 Fax (518)452-4398

Map Date:	File Location:	Produced By:	Checked By:	Project Manager:
11/06/2010	G:\GIS\LM_Utica\ArcMap\2010\20101106_Fig2_LockheedMartin_WestSite.mxd	R. McKinney	J. Bonsteel	C.Motta
			Dept. Manager: C.Motta	Geodatabase: Site Map
			Project Number: NJ01018.0001.00002	Figure: 2

Site Features Map

West Lot Site Supplemental Investigation Report
Former Lockheed Martin French Road Property
Utica, New York

N

240 120 0 240
Feet



LEGEND:

- MONITORING WELL
- HPT/SOIL BORING
- FORMER PUMPING/RECOVERY WELL
- PIEZOMETER
- INJECTION WELL

NOTE: NOT ALL WELLS/BORINGS ARE DISPLAYED.

GRAPHIC SCALE
0 100' 200'
GRAPHIC SCALE

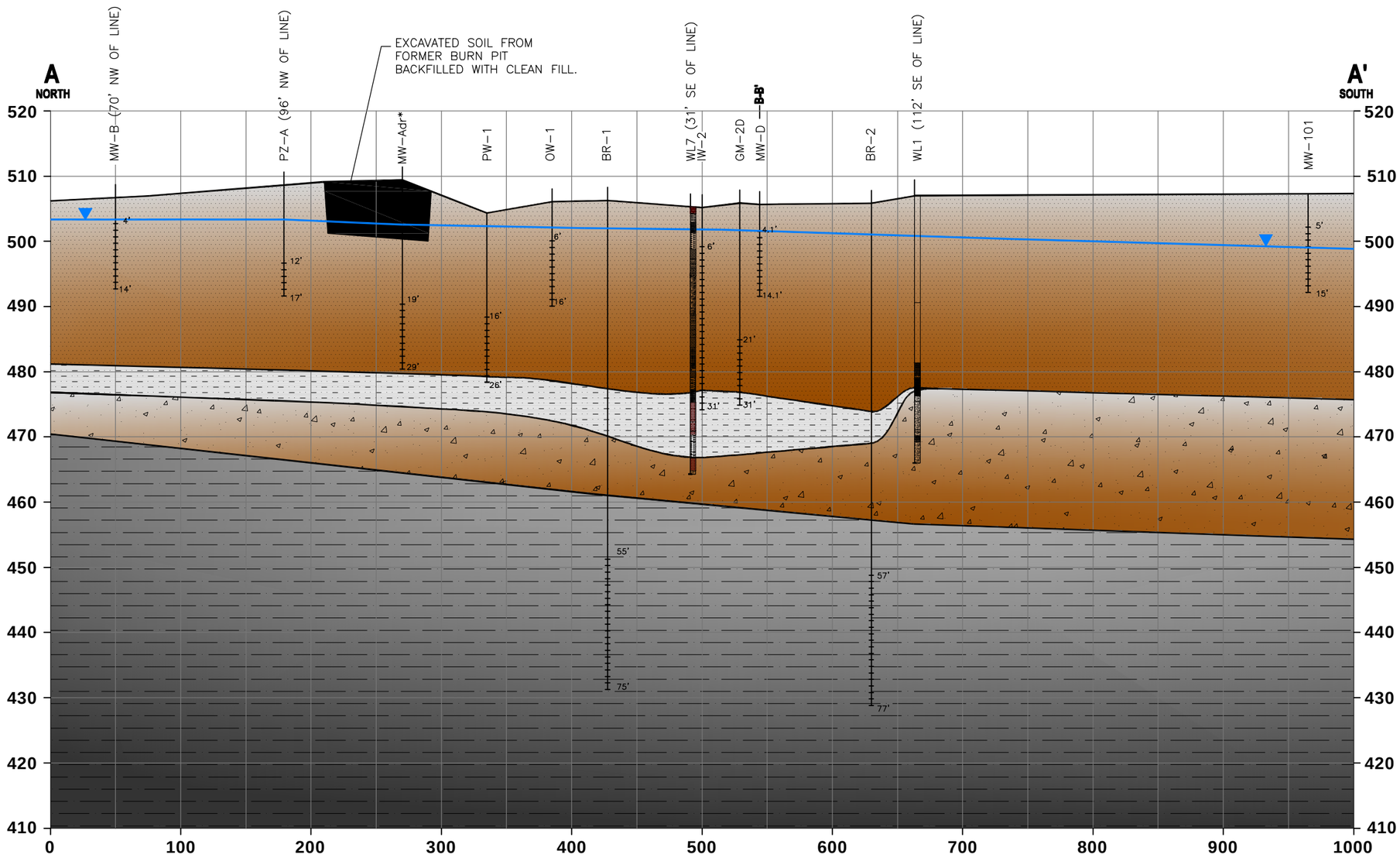
West Lot Site Supplemental Investigation Report
Former Lockheed Martin French Road Property
Utica, New York

CROSS SECTION LOCATION MAP

ARCADIS

FIGURE
3

CITY: SYRACUSE, NY GROUP: ENVCAD DB: P. LISTER, R. BASSETT PM/TM/TR: J. BONDSTEEL LYR:ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIVE\NJ001020\0001000041\DWG\001020B01.dwg LAYOUT: 3 SAVED: 2/18/2011 2:23 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---
XREFS: IMAGES: PROJECTNAME: ---
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/18/2011 2:24 PM BY: BASSETT, RICHARD



LEGEND:

- KAME DEPOSITS (FINE TO COARSE SAND WITH SOME GRAVEL & SILT)
- SILT LAYER
- TILL DEPOSITS
- SHALE BEDROCK

WELL SCHEMATIC

MW-B — WELL I.D.

4' / 14' — WELL SCREEN INTERVAL

WATER LEVEL RECORDED UNDER NON-PUMPING CONDITIONS

NOTES:

1. *MW-Adr WAS ABANDONED DURING SOIL EXCAVATION FROM FORMER BURN PIT.
2. GROUNDWATER ELEVATIONS FOR OVERBURDEN AQUIFER OBTAINED ON MARCH 13, 1995 (BBL) UNDER NON-PUMPING CONDITIONS.

0 10' 20'
VERTICAL SCALE

0 100' 200'
HORIZONTAL SCALE

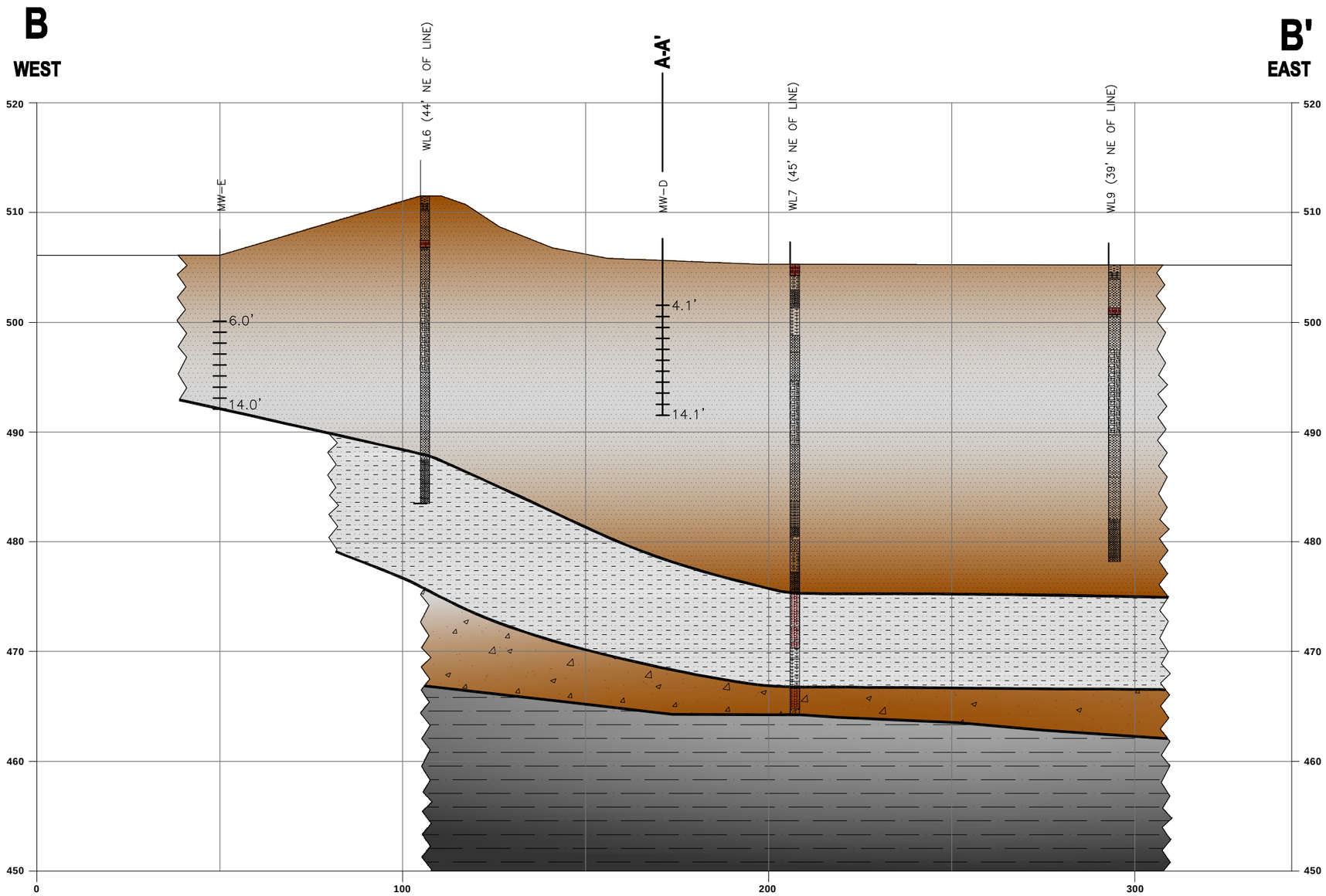
West Lot Site Supplemental Investigation Report
Former Lockheed Martin French Road Property
Utica, New York

CROSS SECTION A-A'

ARCADIS

FIGURE
4

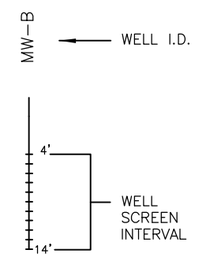
CITY: SYRACUSE, NY GROUP: ENVCAD DB: P. LISTER, R. BASSETT PM/TM/TR: J. BONDSTEEL LYR:ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIVE\LM001020\0001\0004\DWG\001020V01.dwg LAYOUT: 4 SAVED: 2/18/2011 2:26 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---
XREFS: IMAGES: PROJECTNAME: ---
PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/18/2011 2:27 PM BY: BASSETT, RICHARD

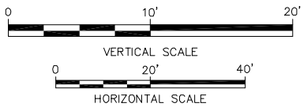


LEGEND:

- KAME DEPOSITS (FINE TO COARSE SAND WITH SOME GRAVEL & SILT)
- SILT LAYER
- TILL DEPOSITS
- SHALE BEDROCK

WELL SCHEMATIC





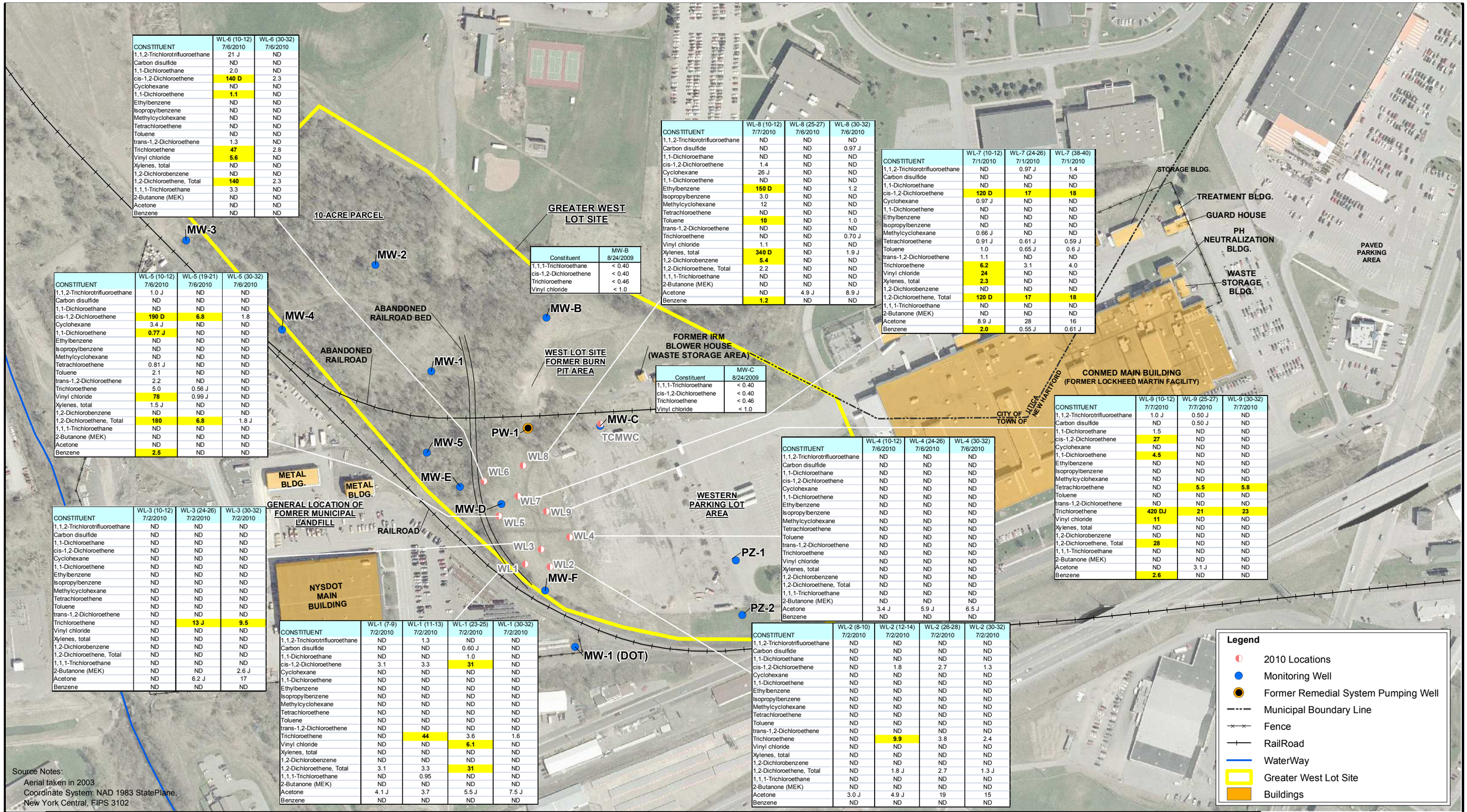
West Lot Site Supplemental Investigation Report
Former Lockheed Martin French Road Property
Utica, New York

CROSS SECTION B-B'

ARCADIS

FIGURE
5

CITY: SYRACUSE, NY GROUP: ENVCAD DB: P. LISTER, R. BASSETT PM/TM/TR: J. BONDSTEEL LYR:ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIVE\LMS TECH\ PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/18/2011 2:54 PM BY: BASSETT, RICHARD
XREFS: IMAGES: PROJECTNAME: --- LAYOUT: 5 SAVED: 2/18/2011 2:53 PM ACADVER: 18.0S (LMS TECH)



CONSTITUENT	WL-6 (10-12) 7/6/2010	WL-6 (30-32) 7/6/2010
1,1,2-Trichlorotrifluoroethane	21 J	ND
Carbon disulfide	ND	ND
1,1-Dichloroethane	2.0	ND
cis-1,2-Dichloroethene	**140 D**	2.3
Cyclohexane	ND	ND
1,1-Dichloroethene	**1.1**	ND
Ethylbenzene	ND	ND
Isopropylbenzene	ND	ND
Methylcyclohexane	ND	ND
Tetrachloroethene	ND	ND
Toluene	ND	ND
trans-1,2-Dichloroethene	1.3	ND
Trichloroethene	**47**	2.8
Vinyl chloride	**5.6**	ND
Xylenes, total	ND	ND
1,2-Dichlorobenzene	ND	ND
1,2-Dichloroethene, Total	**140**	2.3
1,1,1-Trichloroethane	3.3	ND
2-Butanone (MEK)	ND	ND
Acetone	ND	ND
Benzene	ND	ND

CONSTITUENT	WL-5 (10-12) 7/6/2010	WL-5 (19-21) 7/6/2010	WL-5 (30-32) 7/6/2010
1,1,2-Trichlorotrifluoroethane	1.0 J	ND	ND
Carbon disulfide	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
cis-1,2-Dichloroethene	**190 D**	**6.8**	1.8
Cyclohexane	3.4 J	ND	ND
1,1-Dichloroethene	**0.77 J**	ND	ND
Ethylbenzene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylcyclohexane	ND	ND	ND
Tetrachloroethene	0.81 J	ND	ND
Toluene	2.1	ND	ND
trans-1,2-Dichloroethene	2.2	ND	ND
Trichloroethene	5.0	0.56 J	ND
Vinyl chloride	**78**	0.99 J	ND
Xylenes, total	1.5 J	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethene, Total	**180**	**6.8**	1.8 J
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
Acetone	ND	ND	ND
Benzene	**2.5**	ND	ND

CONSTITUENT	WL-3 (10-12) 7/2/2010	WL-3 (24-26) 7/2/2010	WL-3 (30-32) 7/2/2010
1,1,2-Trichlorotrifluoroethane	ND	ND	ND
Carbon disulfide	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND
Cyclohexane	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylcyclohexane	ND	ND	ND
Tetrachloroethene	ND	ND	ND
Toluene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
Trichloroethene	ND	**13 J**	**9.5**
Vinyl chloride	ND	ND	ND
Xylenes, total	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethene, Total	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	2.6 J
Acetone	ND	6.2 J	17
Benzene	ND	ND	ND

CONSTITUENT	WL-1 (7-9) 7/2/2010	WL-1 (11-13) 7/2/2010	WL-1 (23-25) 7/2/2010	WL-1 (30-32) 7/2/2010
1,1,2-Trichlorotrifluoroethane	ND	1.3	ND	ND
Carbon disulfide	ND	ND	0.60 J	ND
1,1-Dichloroethane	ND	ND	1.0	ND
cis-1,2-Dichloroethene	3.1	3.3	**31**	ND
Cyclohexane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Trichloroethene	ND	**44**	3.6	1.6
Vinyl chloride	ND	ND	**6.1**	ND
Xylenes, total	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichloroethene, Total	3.1	3.3	**31**	ND
1,1,1-Trichloroethane	ND	0.95	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND
Acetone	4.1 J	3.7	5.5 J	7.5 J
Benzene	ND	ND	ND	ND

Constituent	MW-B 8/24/2009
1,1,1-Trichloroethane	< 0.40
cis-1,2-Dichloroethene	< 0.40
Trichloroethene	< 0.46
Vinyl chloride	< 1.0

CONSTITUENT	WL-8 (10-12) 7/7/2010	WL-8 (25-27) 7/6/2010	WL-8 (30-32) 7/6/2010
1,1,2-Trichlorotrifluoroethane	ND	ND	ND
Carbon disulfide	ND	ND	0.97 J
1,1-Dichloroethane	ND	ND	ND
cis-1,2-Dichloroethene	1.4	ND	ND
Cyclohexane	26 J	ND	ND
1,1-Dichloroethene	ND	ND	ND
Ethylbenzene	**150 D**	ND	1.2
Isopropylbenzene	3.0	ND	ND
Methylcyclohexane	12	ND	ND
Tetrachloroethene	ND	ND	ND
Toluene	**10**	ND	1.0
trans-1,2-Dichloroethene	ND	ND	ND
Trichloroethene	ND	ND	0.70 J
Vinyl chloride	1.1	ND	ND
Xylenes, total	**340 D**	ND	1.9 J
1,2-Dichlorobenzene	**5.4**	ND	ND
1,2-Dichloroethene, Total	2.2	ND	ND
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
Acetone	ND	4.9 J	8.9 J
Benzene	**1.2**	ND	ND

Constituent	MW-C 8/24/2009
1,1,1-Trichloroethane	< 0.40
cis-1,2-Dichloroethene	< 0.40
Trichloroethene	< 0.46
Vinyl chloride	< 1.0

CONSTITUENT	WL-7 (10-12) 7/1/2010	WL-7 (24-26) 7/1/2010	WL-7 (38-40) 7/1/2010
1,1,2-Trichlorotrifluoroethane	ND	0.97 J	1.4
Carbon disulfide	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
cis-1,2-Dichloroethene	**120 D**	**17**	**18**
Cyclohexane	0.97 J	ND	ND
1,1-Dichloroethene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylcyclohexane	0.66 J	ND	ND
Tetrachloroethene	0.91 J	0.61 J	0.59 J
Toluene	1.0	0.65 J	0.6 J
trans-1,2-Dichloroethene	1.1	ND	ND
Trichloroethene	**6.2**	3.1	4.0
Vinyl chloride	**24**	ND	ND
Xylenes, total	**2.3**	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethene, Total	**120 D**	**17**	**18**
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
Acetone	8.9 J	28	16
Benzene	**2.0**	0.55 J	0.61 J

CONSTITUENT	WL-9 (10-12) 7/7/2010	WL-9 (25-27) 7/7/2010	WL-9 (30-32) 7/7/2010
1,1,2-Trichlorotrifluoroethane	1.0 J	0.50 J	ND
Carbon disulfide	ND	0.50 J	ND
1,1-Dichloroethane	1.5	ND	ND
cis-1,2-Dichloroethene	**27**	ND	ND
Cyclohexane	ND	ND	ND
1,1-Dichloroethene	**4.5**	ND	ND
Ethylbenzene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylcyclohexane	ND	ND	ND
Tetrachloroethene	ND	**5.5**	**5.8**
Toluene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
Trichloroethene	**420 DJ**	**21**	**23**
Vinyl chloride	**11**	ND	ND
Xylenes, total	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethene, Total	**28**	ND	ND
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
Acetone	ND	3.1 J	ND
Benzene	**2.6**	ND	ND

CONSTITUENT	WL-4 (10-12) 7/6/2010	WL-4 (24-26) 7/6/2010	WL-4 (30-32) 7/6/2010
1,1,2-Trichlorotrifluoroethane	ND	ND	ND
Carbon disulfide	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND
Cyclohexane	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylcyclohexane	ND	ND	ND
Tetrachloroethene	ND	ND	ND
Toluene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
Trichloroethene	ND	ND	ND
Vinyl chloride	ND	ND	ND
Xylenes, total	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethene, Total	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
Acetone	3.4 J	5.9 J	6.5 J
Benzene	ND	ND	ND

CONSTITUENT	WL-2 (8-10) 7/2/2010	WL-2 (12-14) 7/2/2010	WL-2 (26-28) 7/2/2010	WL-2 (30-32) 7/2/2010
1,1,2-Trichlorotrifluoroethane	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.8	2.7	1.3
Cyclohexane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Trichloroethene	ND	**9.9**	3.8	2.4
Vinyl chloride	ND	ND	ND	ND
Xylenes, total	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichloroethene, Total	ND	1.8 J	2.7	1.3 J
1,1,1-Trichloroethane	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND
Acetone	3.0 J	4.9 J	19	15
Benzene	ND	ND	ND	ND

CONSTITUENT	NYSDEC STANDARDS
cis-1,2-Dichloroethene	5
1,1-Dichloroethene	0.7
Ethylbenzene	5
Tetrachloroethene	5
Toluene	5
trans-1,2-Dichloroethene	5
Trichloroethene	5
Vinyl chloride	2
Xylenes, total	5
1,2-Dichlorobenzene	3
1,2-Dichloroethene, Total	5
Benzene	1
1,1,1-Trichloroethane	5

Notes:
Data compared to TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values
NS - No Standard
All units are ug/L unless otherwise noted
bgs - below ground surface
Exceedences noted in **bold** and highlighted.
J - Estimated Value
D -Diluted Value

Source Notes:
Aerial taken in 2003
Coordinate System: NAD 1983 StatePlane, New York Central, FIPS 3102

ArcGIS - ArcView 9.x

copyright © 2010

ARCADIS
465 New Karner Road, First Floor
Albany, NY 12205
Tel (518)452-7826 Fax (518)452-4398

Map Date:	File Location:	Produced By:	Checked By:	Project Manager:
7/28/10	G:\GIS\LM_Utica\ArcMap\2011\20110224_Fig6_LockheedMartin_WestSite.mxd	R. McKinney	J. Bonsteel	C.Motta
			Dept. Manager: C.Motta	Geodatabase: Site Map
			Project Number: NJ001018.0001 00002	Figure: 6

Hydropunch Groundwater Sampling Results

West Lot Site Supplemental Groundwater Investigation Report
Former Lockheed Martin French Road Property
Utica, New York

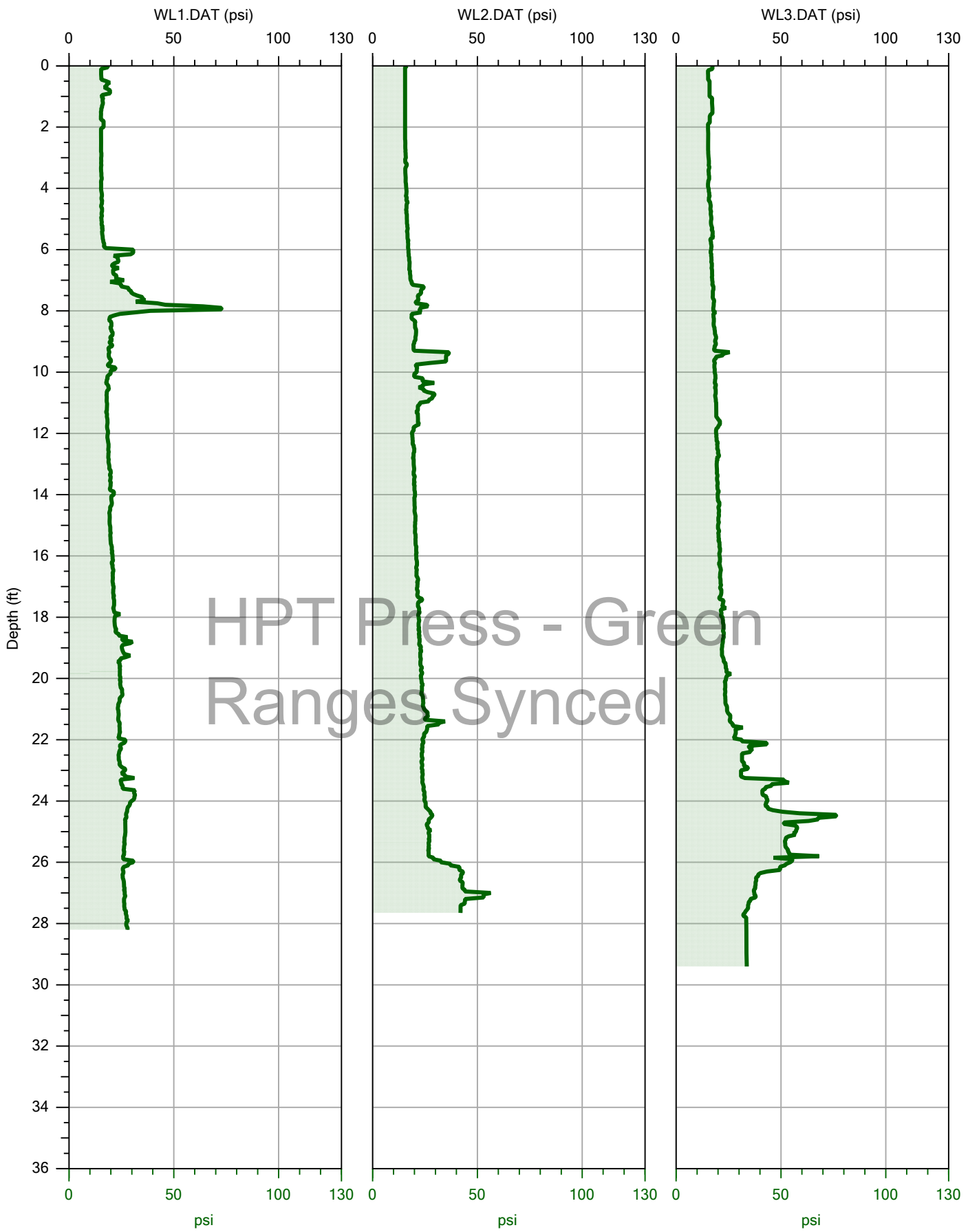
N

240 120 0 240
Feet

ARCADIS

Appendix A

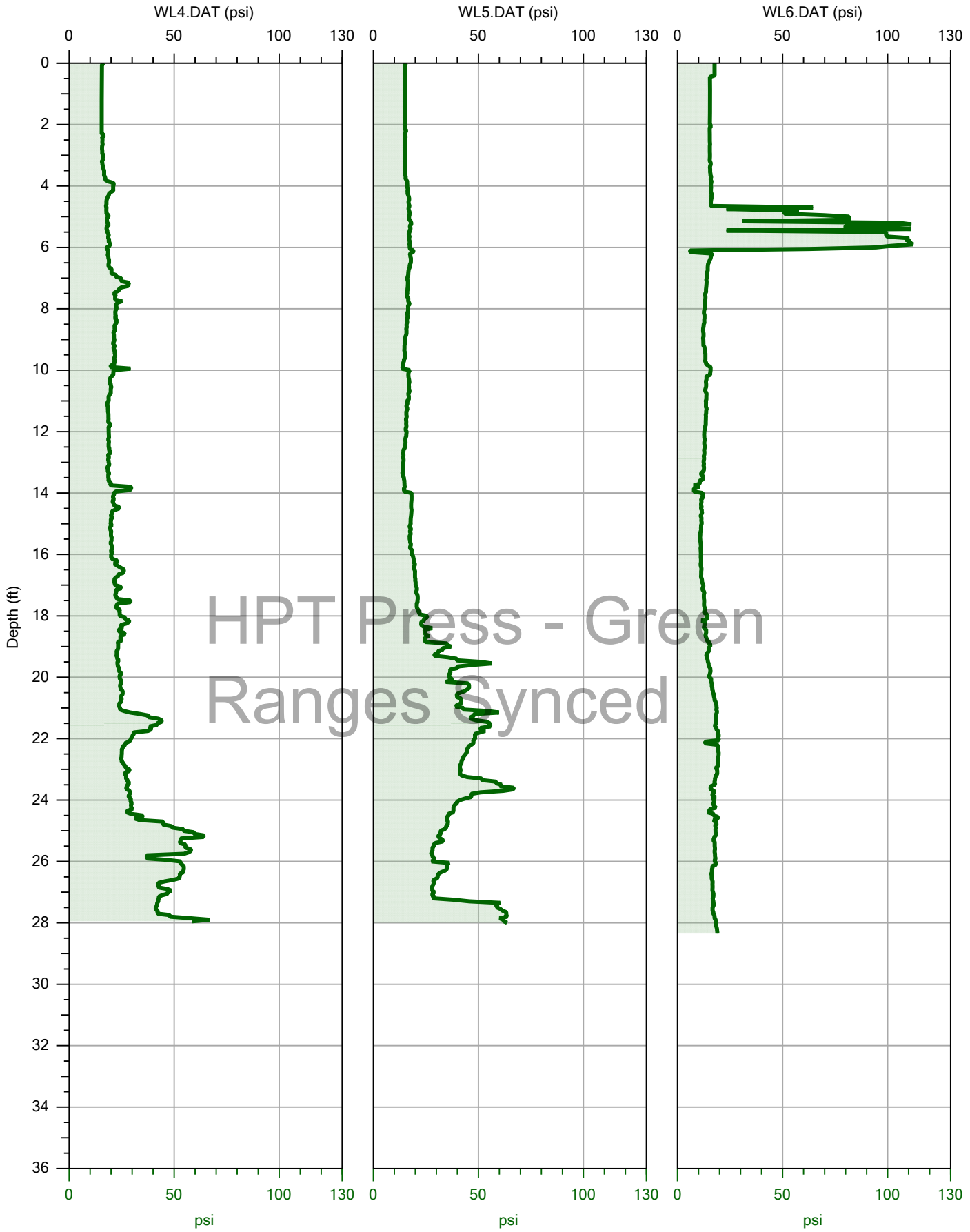
Hydraulic-Profiling-Tool Logs



HPT Press. Max / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

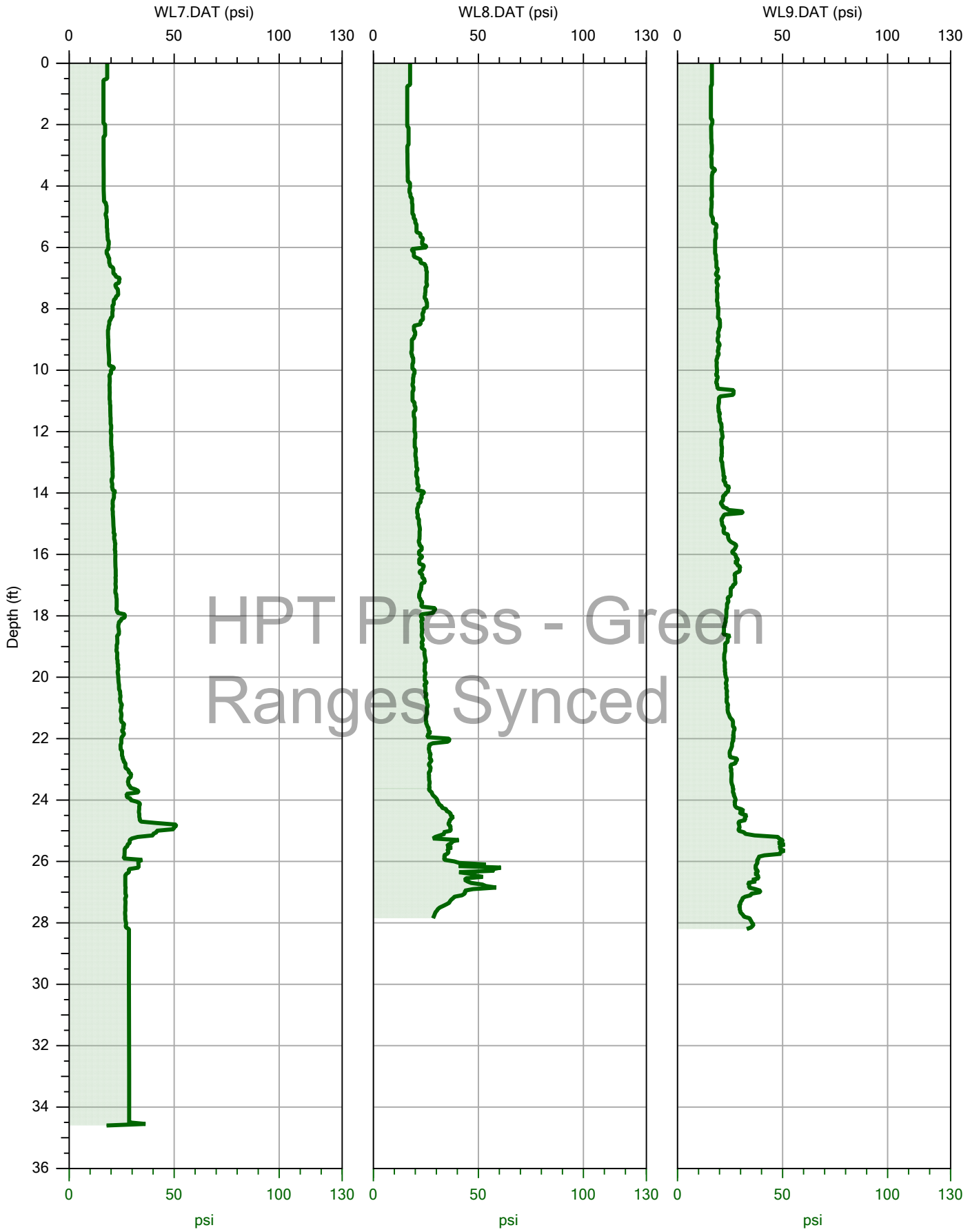
WL1.DAT	6/27/2010
WL2.DAT	6/27/2010
WL3.DAT	6/28/2010



HPT Press. Max / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

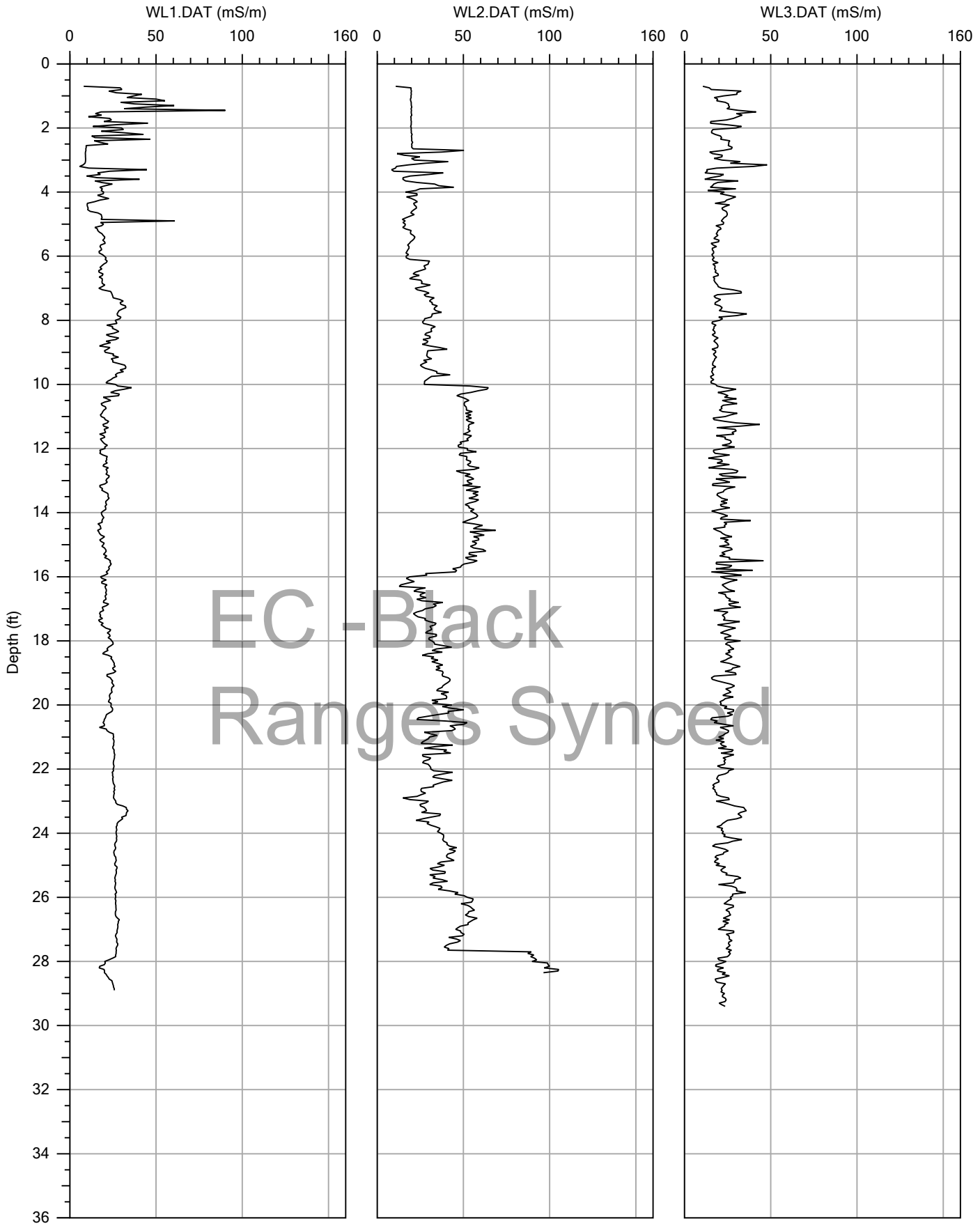
WL4.DAT	6/28/2010
WL5.DAT	6/28/2010
WL6.DAT	6/28/2010



HPT Press. Max / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

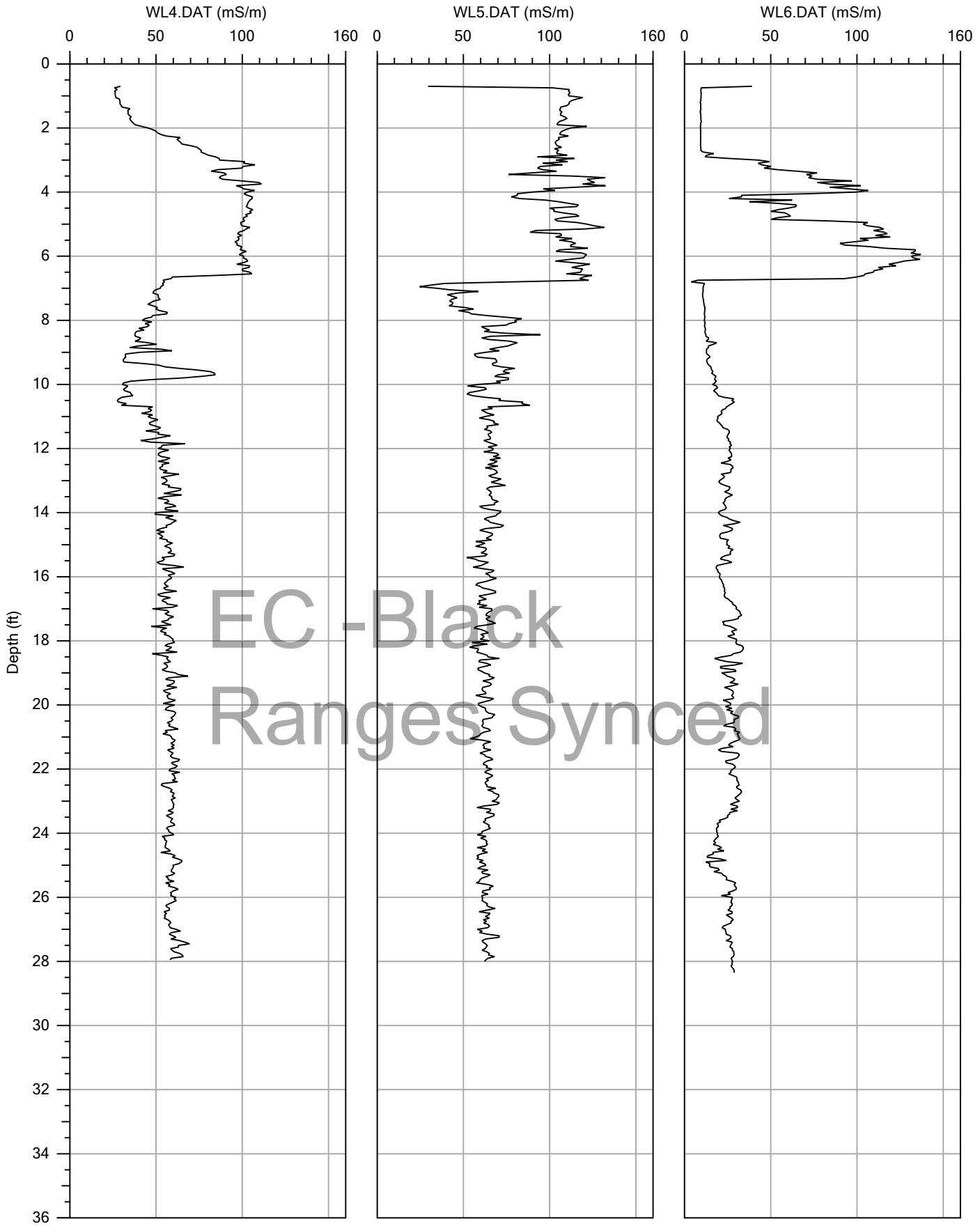
WL7.DAT	6/28/2010
WL8.DAT	6/28/2010
WL9.DAT	6/28/2010



EC

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

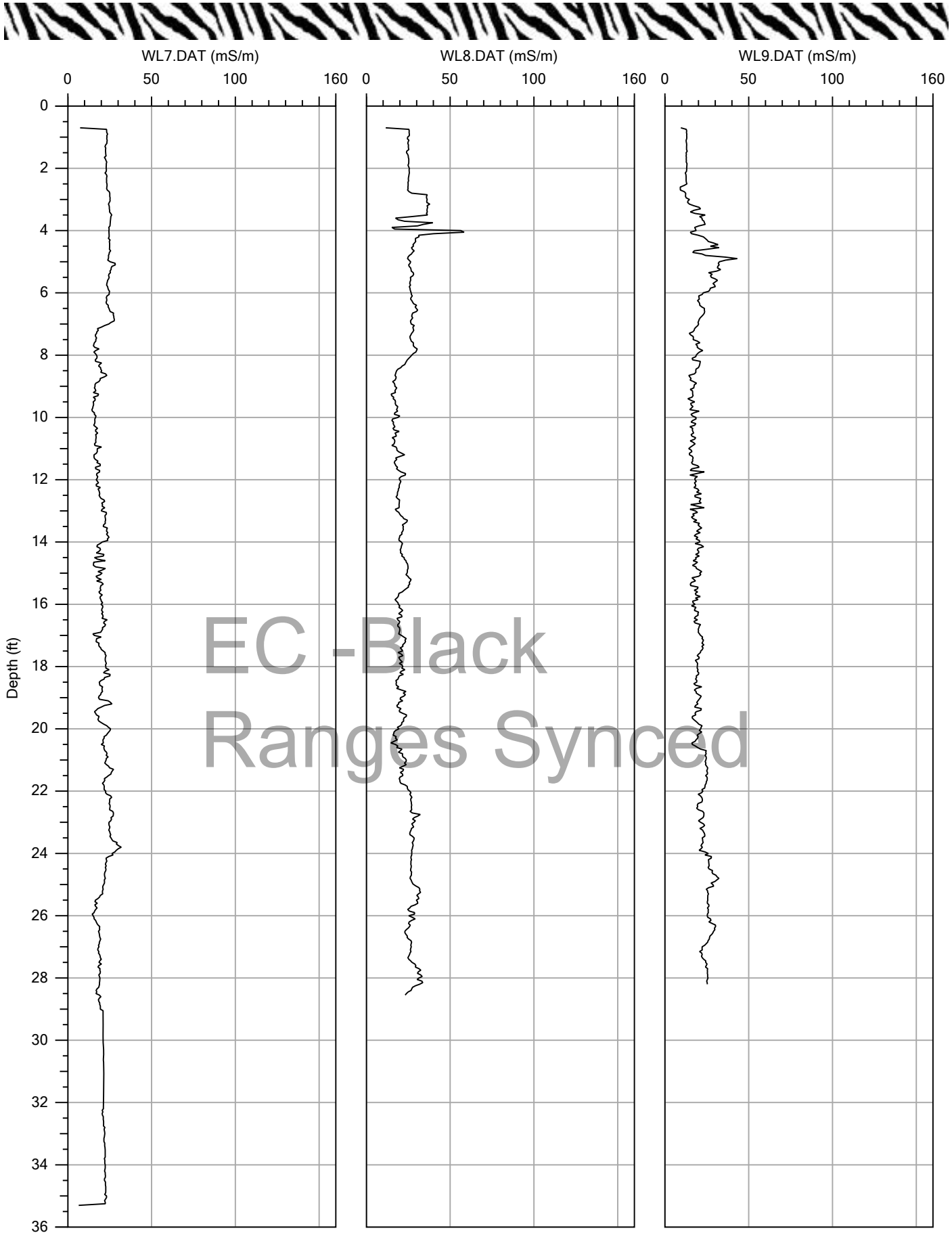
WL1.DAT	6/27/2010
WL2.DAT	6/27/2010
WL3.DAT	6/28/2010



EC

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

WL4.DAT	6/28/2010
WL5.DAT	6/28/2010
WL6.DAT	6/28/2010

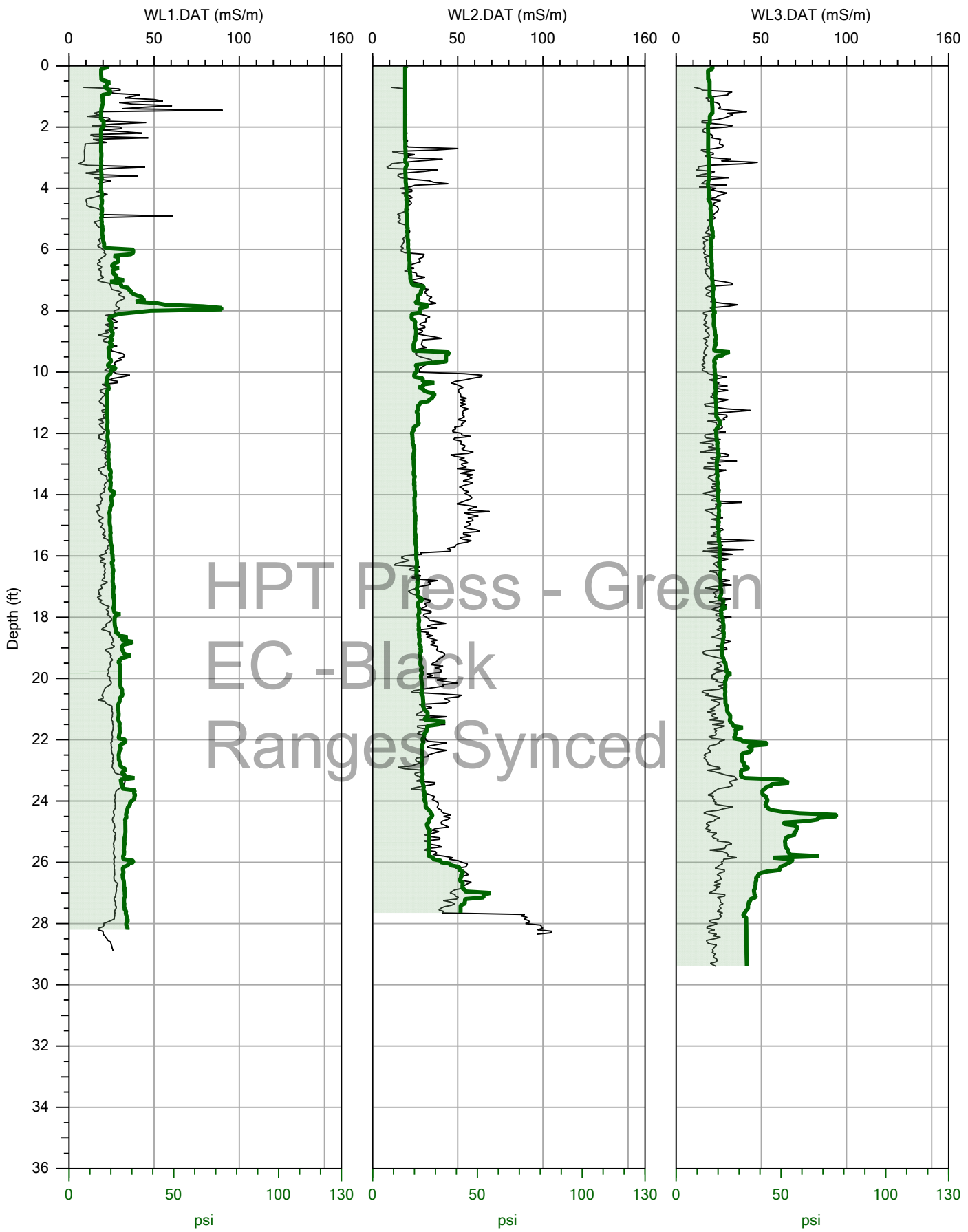


ZEBRA

EC

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

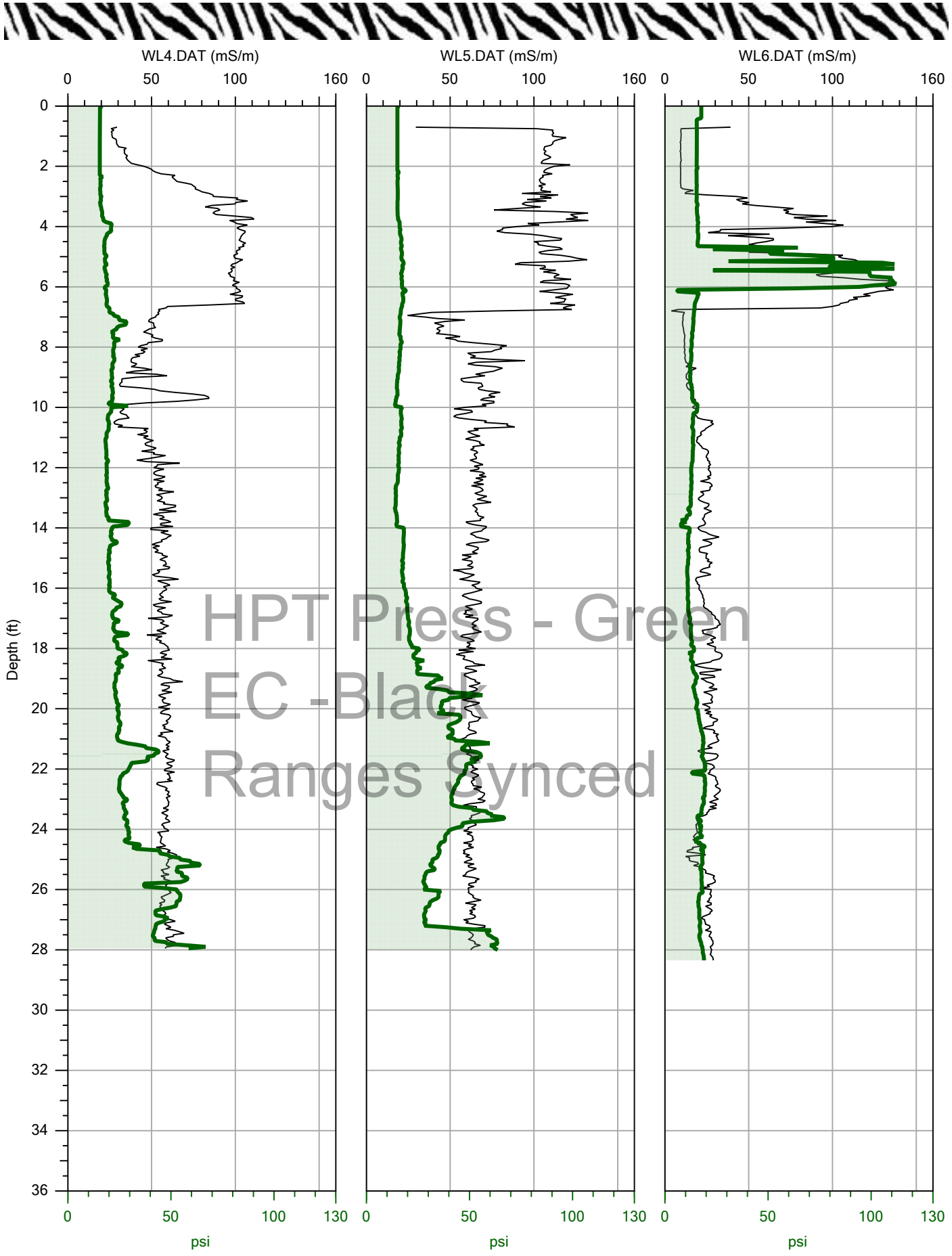
WL7.DAT	6/28/2010
WL8.DAT	6/28/2010
WL9.DAT	6/28/2010



EC / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

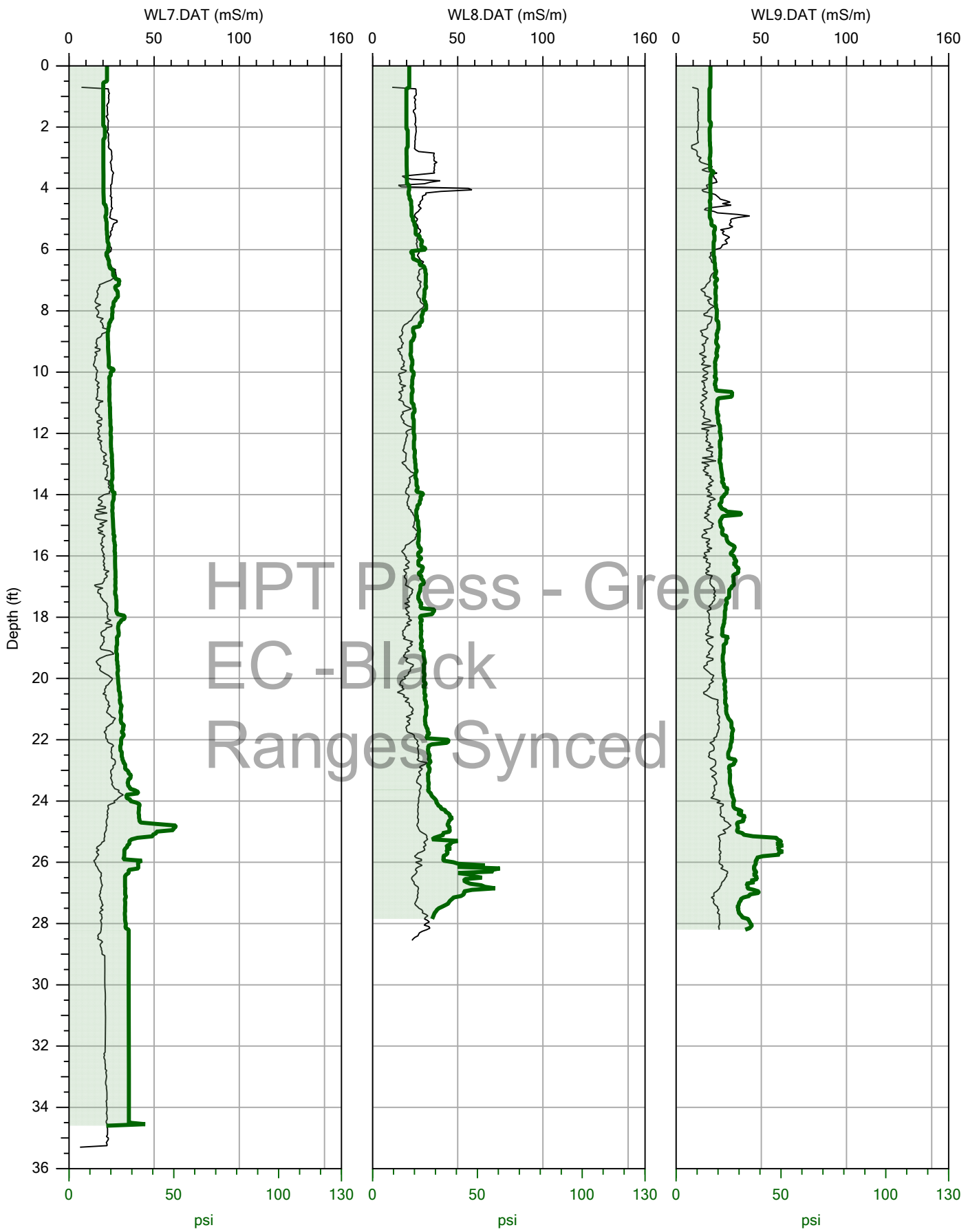
WL1.DAT	6/27/2010
WL2.DAT	6/27/2010
WL3.DAT	6/28/2010



EC / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

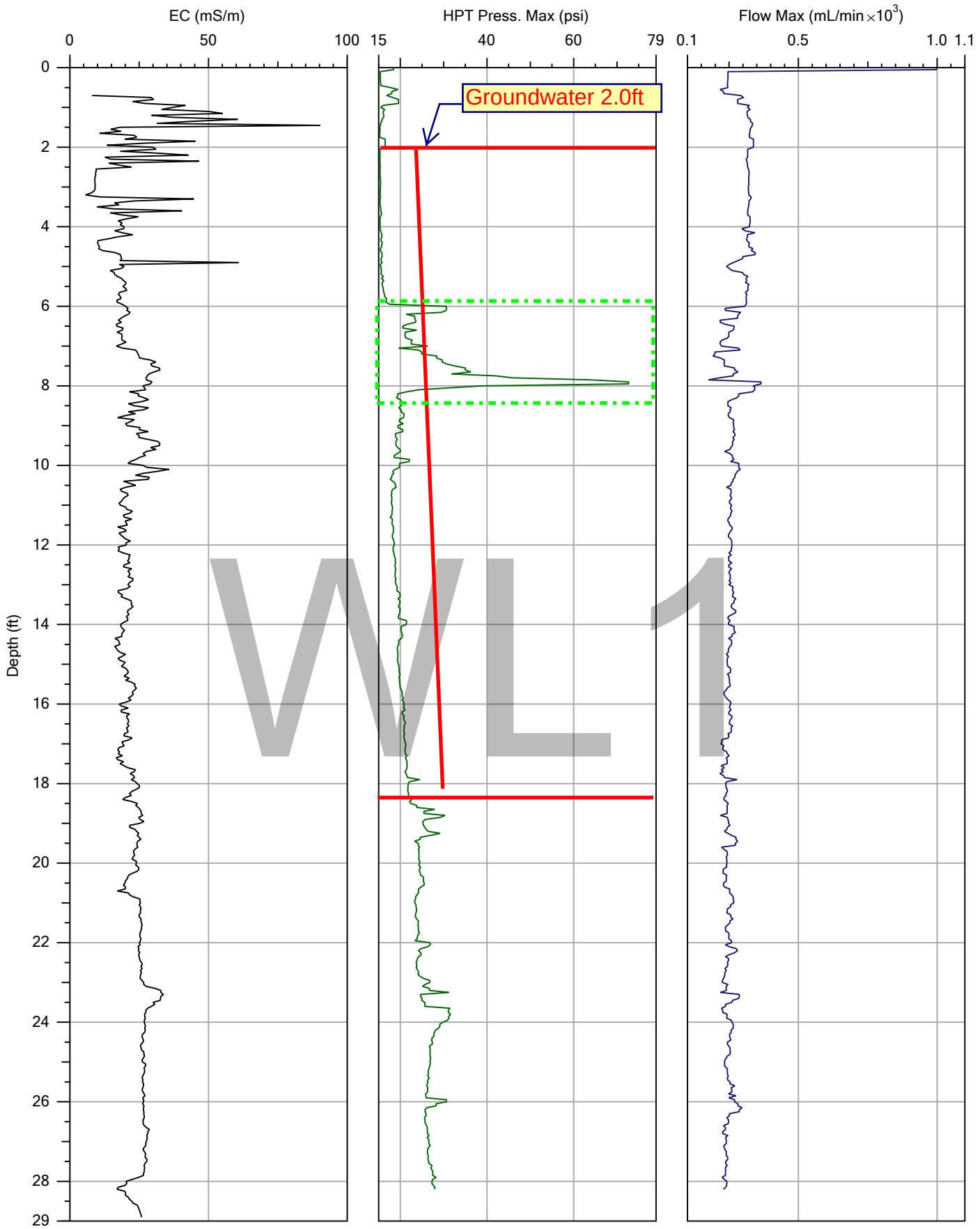
WL4.DAT	6/28/2010
WL5.DAT	6/28/2010
WL6.DAT	6/28/2010



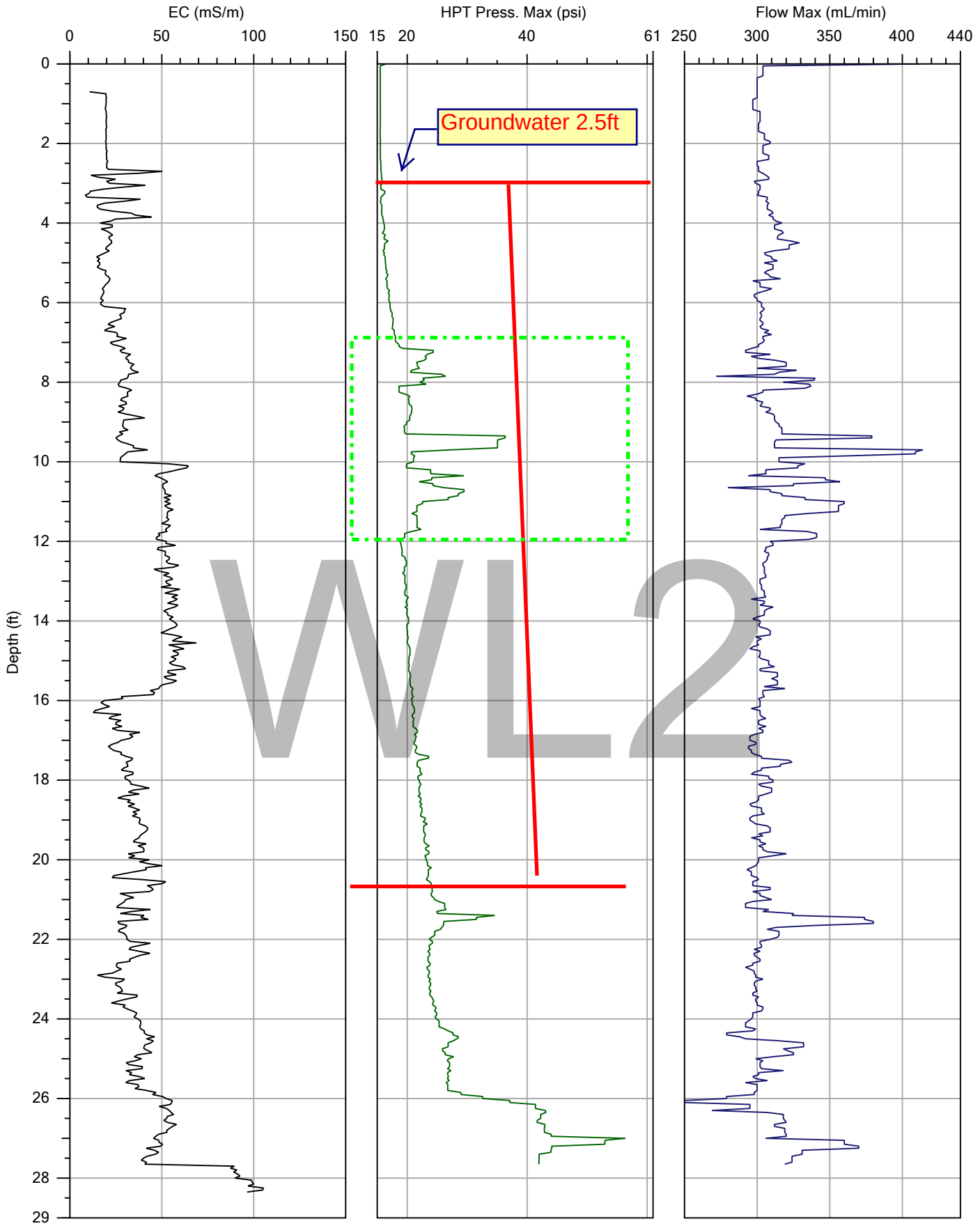
EC / HPT Press. Max

Company: ZEBRA Environmental	Operator: WILL M
Project ID: Utica	Client: Arcadis

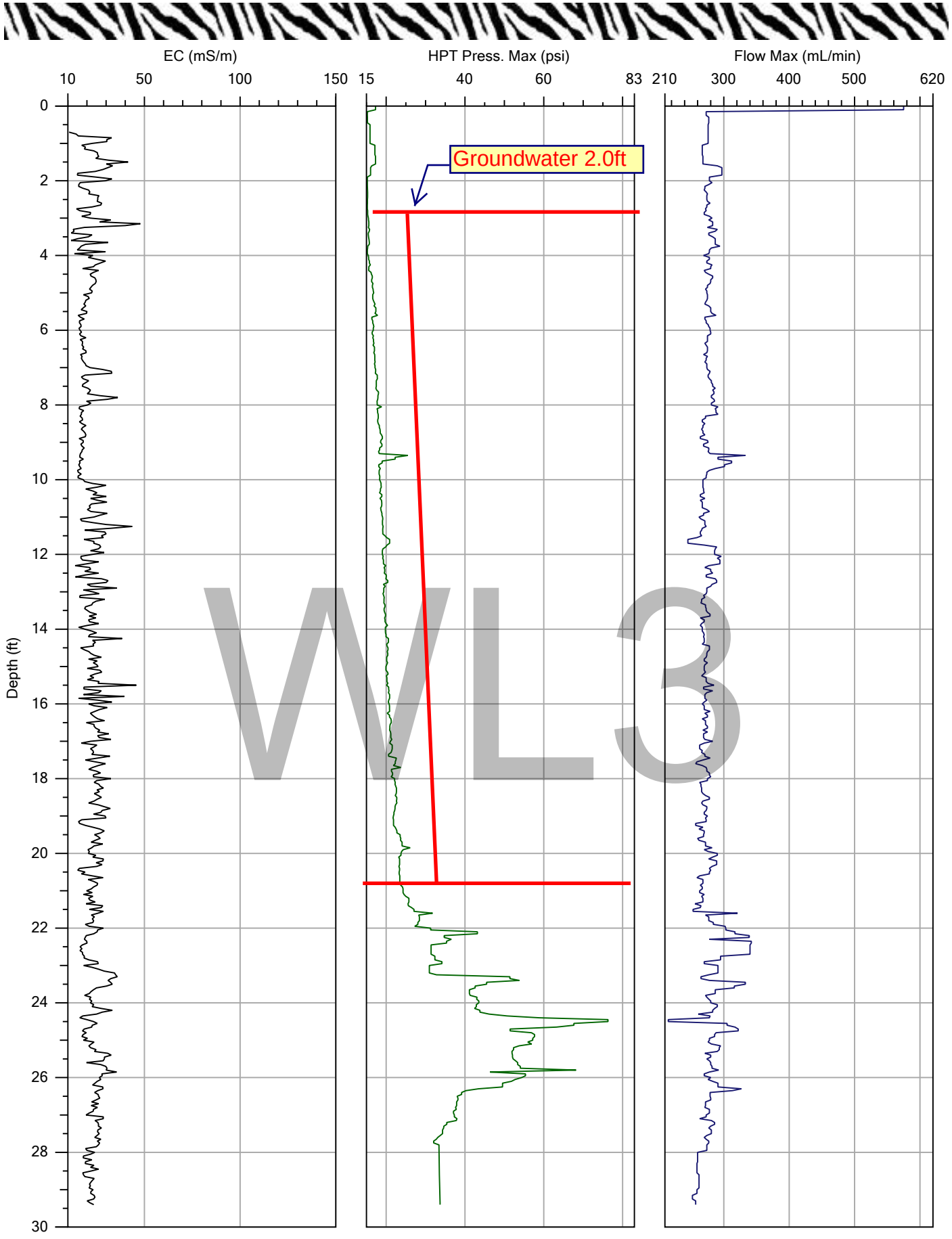
WL7.DAT	6/28/2010
WL8.DAT	6/28/2010
WL9.DAT	6/28/2010



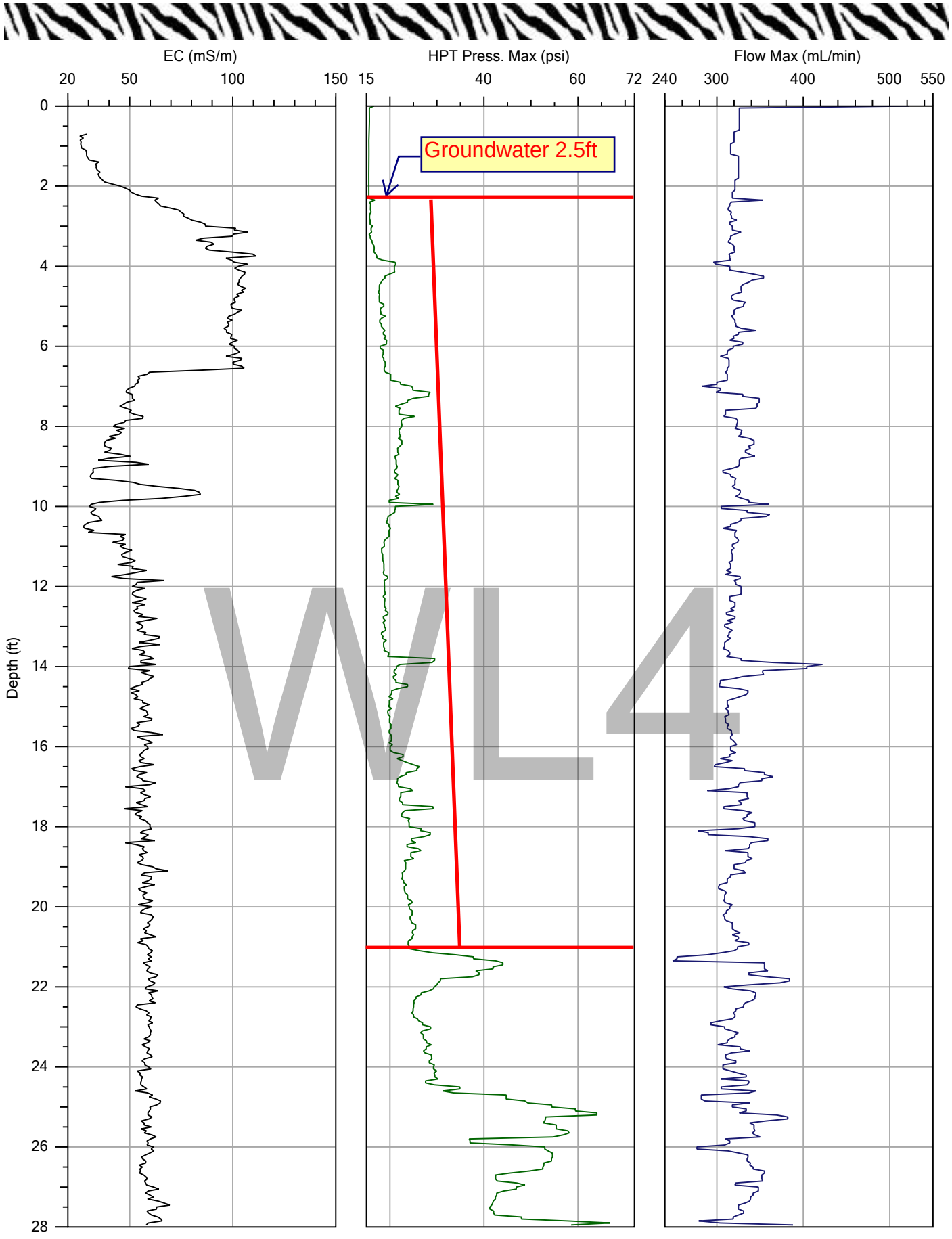
			File: WL1.DAT
Company: ZEBRA Environmental	Operator: WILL M		Date: 6/27/2010
Project ID: Utica	Client: Arcadis		Location:



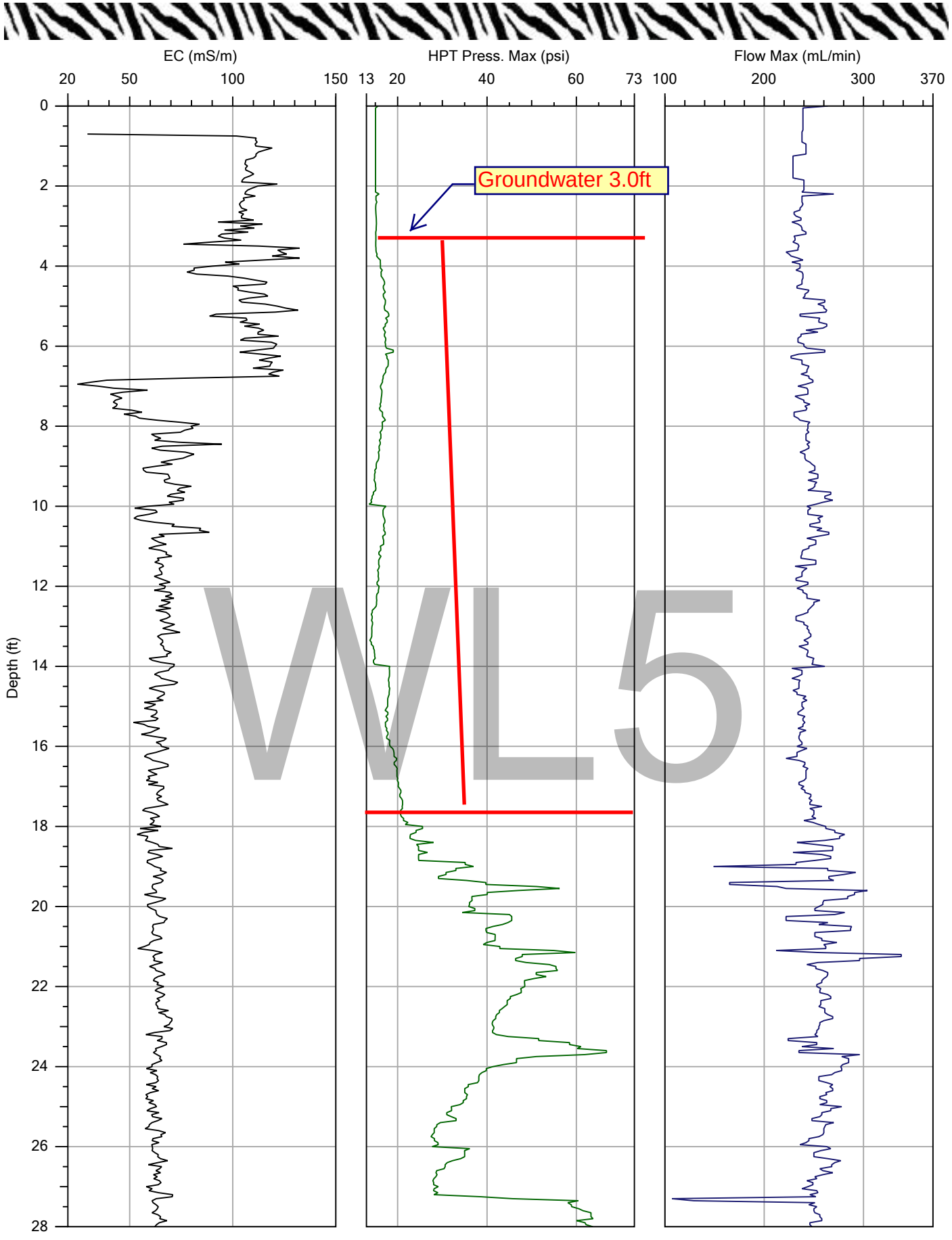
			File: WL2.DAT
Company: ZEBRA Environmental	Operator: WILL M		Date: 6/27/2010
Project ID: Utica	Client: Arcadis		Location:



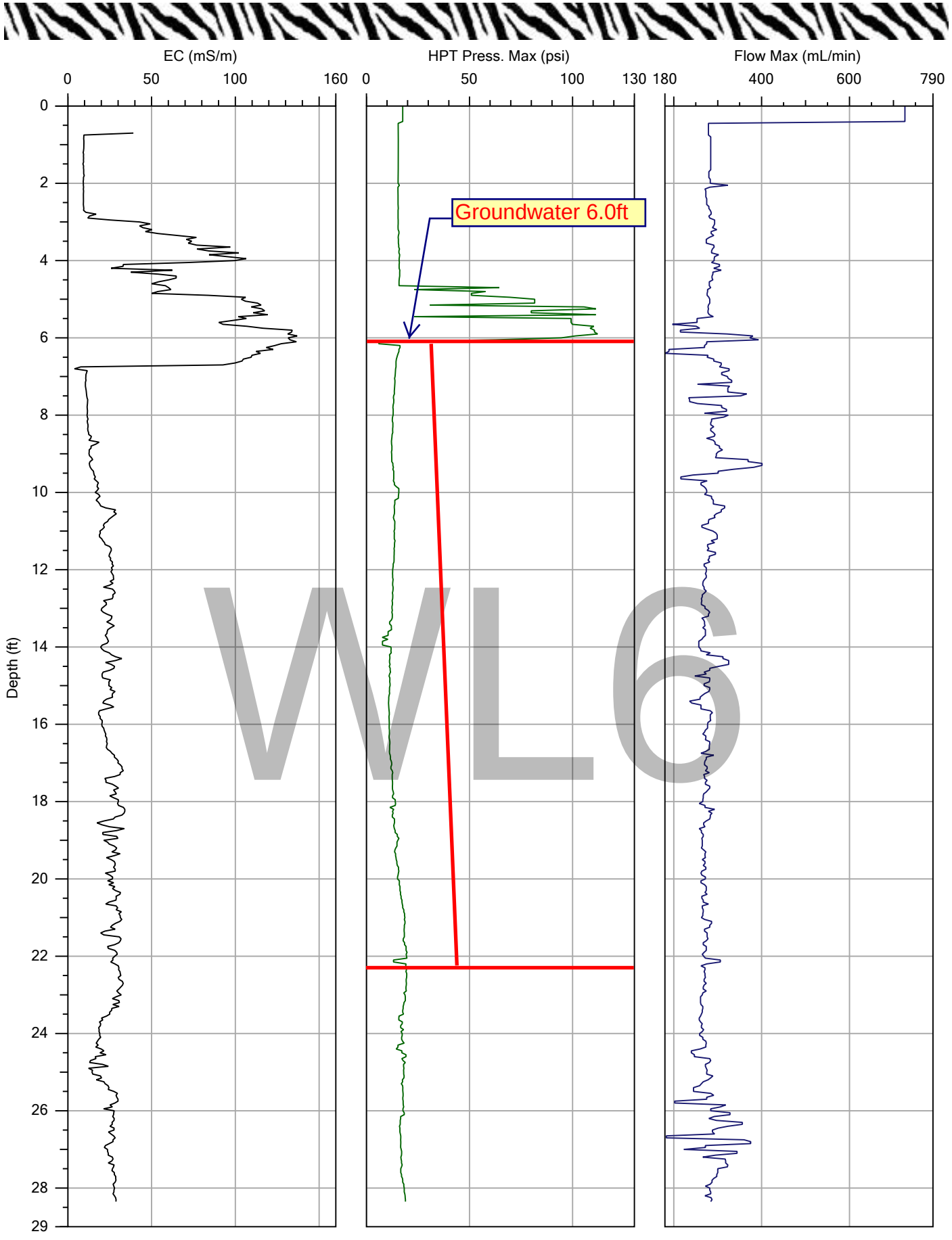
			File: WL3.DAT
Company: ZEBRA Environmental		Operator: WILL M	Date: 6/28/2010
Project ID: Utica		Client: Arcadis	Location:



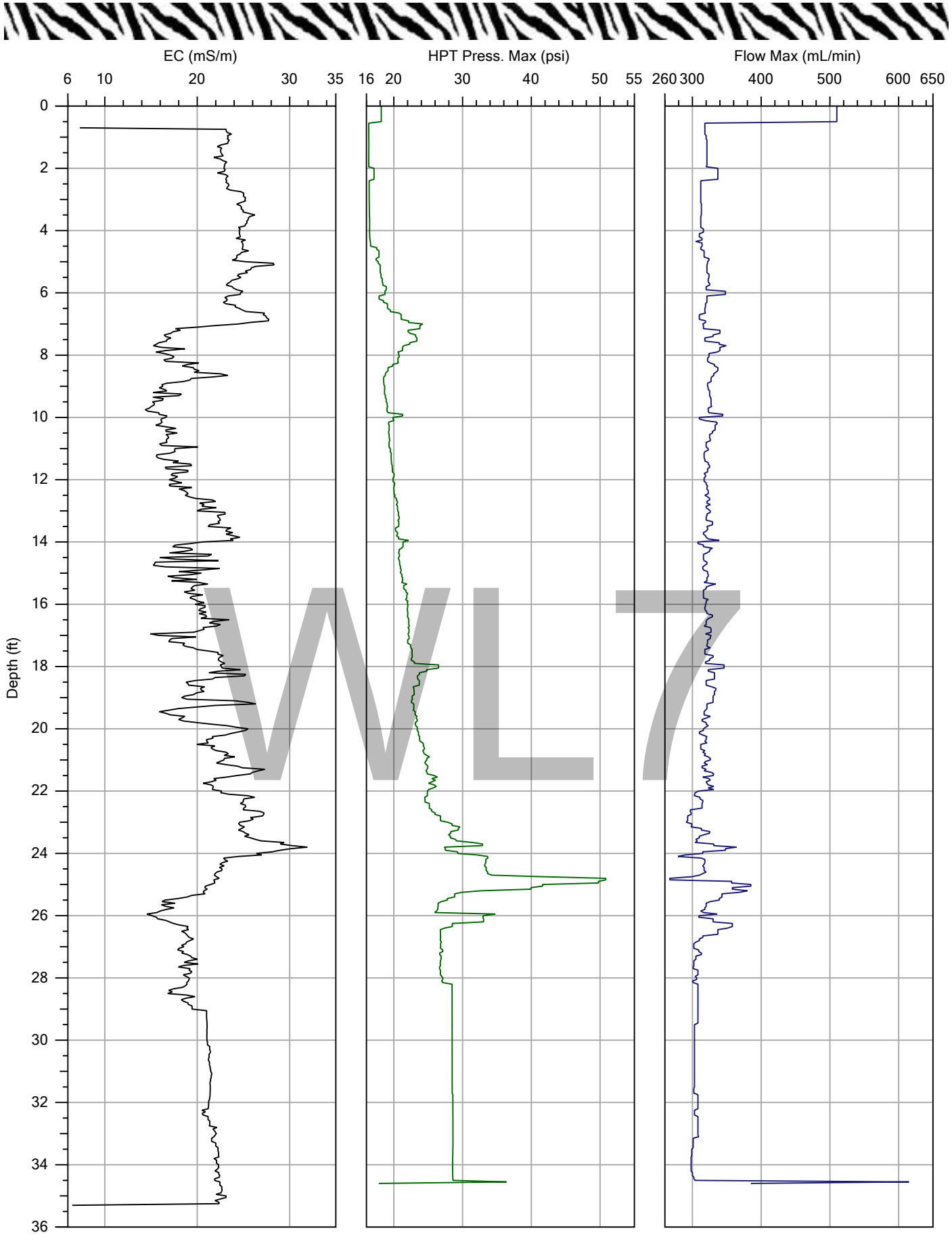
			File: WL4.DAT
Company: ZEBRA Environmental	Operator: WILL M		Date: 6/28/2010
Project ID: Utica	Client: Arcadis		Location:



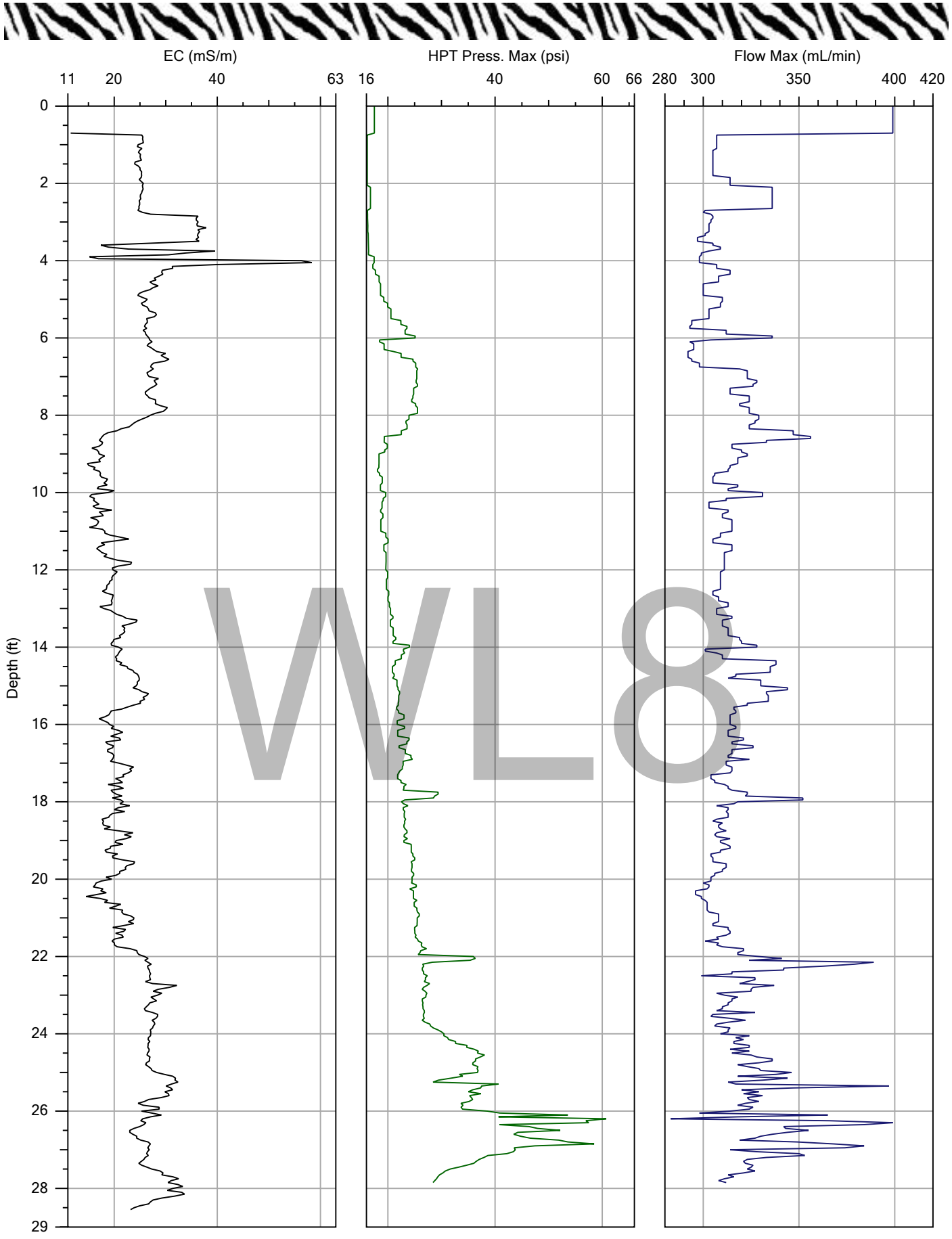
			File: WL5.DAT
Company: ZEBRA Environmental	Operator: WILL M		Date: 6/28/2010
Project ID: Utica	Client: Arcadis		Location:



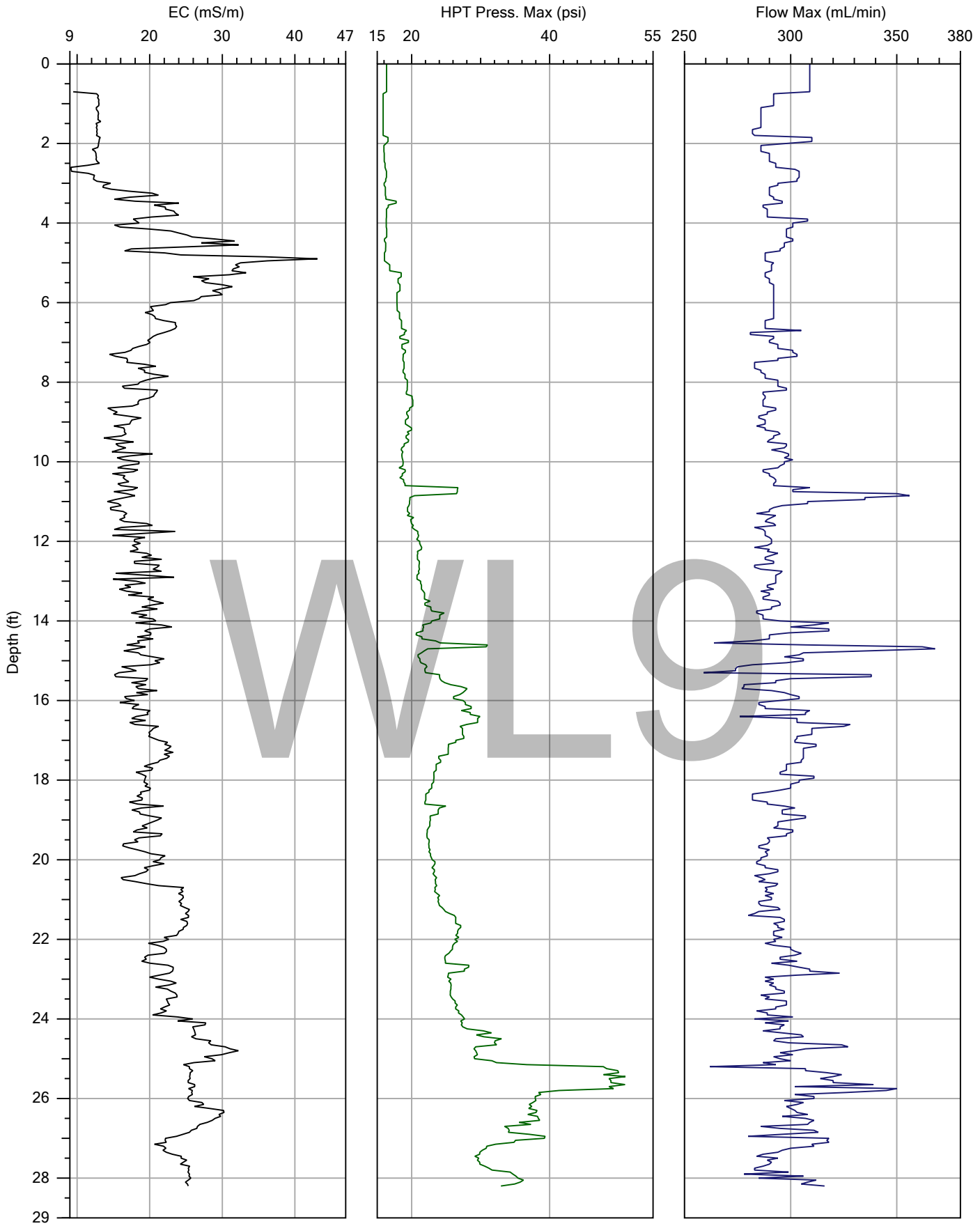
			File: WL6.DAT
Company: ZEBRA Environmental	Operator: WILL M		Date: 6/28/2010
Project ID: Utica	Client: Arcadis		Location:



			File: WL7.DAT
Company: ZEBRA Environmental		Operator: WILL M	Date: 6/28/2010
Project ID: Utica		Client: Arcadis	Location:



			File: WL8.DAT
Company: ZEBRA Environmental		Operator: WILL M	Date: 6/28/2010
Project ID: Utica		Client: Arcadis	Location:



			File: WL9.DAT
Company: ZEBRA Environmental		Operator: WILL M	Date: 6/28/2010
Project ID: Utica		Client: Arcadis	Location:

ARCADIS

Appendix B

Soil-Boring Logs

Date Start/Finish: 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Will McAllister
Drilling Method: Direct Push
Sampling Method: 2" by 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 7822DT

Northing: 1127102.1
Easting: 1165964.6
Casing Elevation: NA

Borehole Depth: 40' bgs
Surface Elevation: 507.0' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-1**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
0 / 505							No information avaliable.	0 25 50 75 100 125	Backfilled with Bentonite to grade.
5 / 500	NA	0-16	NA	NA	X			0 25 50 75 100 125	
10 / 495					X			0 25 50 75 100 125	

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 7-9', 11-13', 23-25' and 30-32' bgs.

Date Start/Finish: 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Will McAllister
Drilling Method: Direct Push
Sampling Method: 2" by 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 7822DT

Northing: 1127102.1
Easting: 1165964.6
Casing Elevation: NA

Borehole Depth: 40' bgs
Surface Elevation: 507.0' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-1**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
15								
	490							No information avaliable.
20		NA	16-25	NA	NA			
	485							
25								(0-1.9') Dark brown and gray very fine to fine SAND, few to trace SILT, loose, saturated, no plasticity. (KAME)
	480	1	25-30	2.5	0.05 0.0 0.0 0.04			(1.9-2.15') Dark gray medium to coarse subangular SAND, few to trace Silt, loose, no plasticity, saturated. (KAME)
								(2.15-2.3') Dark brown and gray very fine to fine SAND, few to trace

Hydraulic Profiling Tool Max Pressure (psi)

0 25 50 75 100 125

Well/Boring Construction

Backfilled with Bentonite to grade.

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 7-9', 11-13', 23-25' and 30-32' bgs.

Date Start/Finish: 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Will McAllister
Drilling Method: Direct Push
Sampling Method: 2" by 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 7822DT

Northing: 1127102.1
Easting: 1165964.6
Casing Elevation: NA

Borehole Depth: 40' bgs
Surface Elevation: 507.0' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-1**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
							SILT, loose, saturated, no plasticity. (KAME)		
							(2.3-2.5') Light brown to medium brown SILTY CLAY, soft, low to no plasticity, saturated. (SILT)		
30 / 475	2	30-35	1.9	0.0 0.0	X		(0-0.75') Dark brown reddish gray GRAVELY SILT (fine to medium subangular GRAVEL), trace very fine to fine Sand, medium stiff, no plasticity, wet to saturated. (TILL) (0.75-1.9') Grayish brown SILTY GRAVEL (fine to medium subangular GRAVEL), few fine to medium subrounded to subangular Sand, little coarse subrounded Sand, loose, no plasticity, saturated. (TILL)	0 25 50 75 100 125	Backfilled with Bentonite to grade.
35 / 470	3	35-40	3.6	0.01 0.0 0.0 0.02			(0-0.35') Grayish brown SILTY GRAVEL (fine to medium subangular GRAVEL), few fine to medium subrounded to subangular Sand, little coarse subrounded Sand, loose, no plasticity, saturated. (TILL) (0.35-0.9') Dark brown reddish gray GRAVELY SILT (fine to medium subangular GRAVEL), trace very fine to fine Sand, medium stiff, no plasticity, wet to saturated. (TILL) (0.9-1.8') Dark brownish gray fine to very fine SAND, few to trace Silt, loose, no plasticity, saturated. (TILL) (1.8-3.6') Dark brownish gray GRAVEL SILT (fine to medium subrounded to subangular GRAVEL), trace very fine to fine Sand, stiff (1.8-3.1'), very stiff (3.1-3.6'), no plasticity, moist to wet. (TILL)	0 25 50 75 100 125	
40 / 465							End of Boring at 40' bgs.	0 25 50 75 100 125	

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 7-9', 11-13', 23-25' and 30-32' bgs.

Date Start/Finish: 6/30 - 6/31/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127327.0
Easting: 1165853.2
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 510.5' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-6**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
0	510	1	0-4	2.95	0.2			(0-2.95') Medium brown SANDY SILT with Organics (leaves, roots, wood fragments) and very fine to fine SAND, loose, no plasticity, moist. (KAME)
5	505	2	4-8	3.6	0.3			(0-0.35') Dark brown SANDY SILT with Organics (leaves, roots, wood fragments) and very fine to fine SAND, loose, no plasticity, moist. (KAME)
					0.26			(0.35-2.3') Dark grayish brown SANDY SILT and very fine to fine SAND, loose, no plasticity, moist to wet. Less sand (1.3-1.75'). (KAME)
					0.52			(2.3-3.6') Dark brownish gray, SILT, some very fine SAND, soft, loose, no plasticity, wet to saturated. (KAME)
		3	8-12	2.4	0.86			(0-0.5') Dark brownish gray, SILT, some very fine SAND, soft, loose, no plasticity, wet to saturated. (KAME)
10	500				1.1			(0.5-1.5') Medium brownish gray SILTY SAND and very fine to fine SAND, some Silt, trace to few coarse subrounded Gravel, loose, no plasticity, saturated. (KAME)
					5.56	X		(1.5-2.4') Reddish brown SAND and very fine to fine subangular SAND, some medium Sand, trace coarse subrounded Sand, loose, saturated. (KAME)
					5.81			(0-1.6') Reddish brown GRAVELY SAND (fine to medium subrounded to subangular SAND; medium to coarse subrounded GRAVEL), few sub rounded Pebble, some Silt, loose, no plasticity, saturated.(KAME)

Hydraulic Profiling Tool Max Pressure (psi): 0, 25, 50, 75, 100, 125

Well/Boring Construction: Backfilled with Bentonite to grade.

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12' and 30-32. Geotechnical samples collected from 5-6' and 6-7' bgs.

Date Start/Finish: 6/30 - 6/31/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127327.0
Easting: 1165853.2
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 510.5' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-6**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
		4	12-16	1.6				
15	495							
		5	16-20	1.75	2.73			(0-1.75') Reddish brown GRAVELY SAND (fine to medium subrounded to subangular SAND; medium to coarse subrounded GRAVEL), few sub rounded Pebble, some Silt, loose, no plasticity, saturated.(KAME)
20	490	6	20-24	0.6	1.64			(0-0.6') Reddish brown GRAVELY SAND (fine to medium subrounded to subangular SAND; medium to coarse subrounded GRAVEL), few sub rounded Pebble, some Silt, loose, no plasticity, saturated. (KAME)
25	485	7	24-28	2.3	0.33 0.20 0.24 0.19			(0-1') Reddish brown GRAVELY SAND (fine to medium subrounded to subangular SAND; little medium to coarse subrounded GRAVEL), trace Pebble, some Silt, loose, no plasticity, saturated. (KAME) (1-1.45') Reddish brown SILTY CLAY, varved, medium stiff to stiff, varved, saturated. (SILT) (1.45-2') Medium to dark brown very fine to fine SAND, trace Silt, loose, saturated.(SILT) (2-2.3') Reddish brown SILTY CLAY, varved, medium stiff to stiff, varved, saturated.(SILT)
								End of Boring at 28' bgs.

Hydraulic Profiling Tool Max Pressure (psi): 0, 25, 50, 75, 100, 125

Well/Boring Construction: Backfilled with Bentonite to grade.; Backfilled with Bentonite to grade.

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12' and 30-32. Geotechnical samples collected from 5-6' and 6-7' bgs.

Date Start/Finish: 6/30 - 6/31/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127327.0
Easting: 1165853.2
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 510.5' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-6**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
30 / 480					X			0 25 50 75 100 125	
35 / 475								0 25 50 75 100 125	
40 / 470								0 25 50 75 100 125	
45								0 25 50 75 100 125	

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12' and 30-32. Geotechnical samples collected from 5-6' and 6-7' bgs.

Date Start/Finish: 6/30 & 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' and 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127286.6
Easting: 1165944.3
Casing Elevation: NA

Borehole Depth: 41' bgs
Surface Elevation: 505.9' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-7**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
0	505	1	0-4	3.35	0.11			(0-1') Dark brown to gray Organic SILT and very fine to fine SAND, roots and leaves throughout, loose, no plasticity, moist to wet. (KAME)	0 25 50 75 100 125	
					0.0			(1-2.3') Medium brown SANDY SILT and very fine to fine SAND, soft, loose, moist to wet. (KAME) (1-1.1') Trace Clay lenses, low plasticity.		
					0.12			(2.3-3.55') Medium brown very fine to fine SAND, few medium subrounded to subangular Sand, trace Silt, loose, saturated.(KAME)		
5	500	2	4-8	3.85	0.18			(0-2.5') Medium brown SILTY SAND and very fine SAND, loose, no plasticity, very saturated. Turning dark gray at 2'.(KAME)	0 25 50 75 100 125	
					0.37			(2.5-3.85') Dark gray to dark brown fine to medium subangular to subrounded SAND, trace fine Silt, loose, saturated.(KAME)		Backfilled with Bentonite to grade.
10	495	3	8-12	3.8	0.57			(0-2.6') Dark gray to dark brown fine to medium subangular to subrounded SAND, trace fine Silt, loose, saturated.(KAME)	0 25 50 75 100 125	
					1.26	X		(2.6-3.8') Dark gray to dark brown GRAVELY SAND (fine to medium subangular SAND and medium to coarse subrounded to subangular GRAVEL), trace to few Silt, loose, saturated.(KAME)		
					10.58			(0-0.8') Dark gray to dark brown GRAVELY SAND (fine to medium subangular SAND and medium to coarse subrounded to subangular GRAVEL), trace to few Silt, loose, saturated.(KAME)	0 25 50 75 100 125	

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 24-26' and 38-40' bgs. Geotechnical samples collected from 10-11' and 40-41' bgs.

Date Start/Finish: 6/30 & 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' and 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127286.6
Easting: 1165944.3
Casing Elevation: NA

Borehole Depth: 41' bgs
Surface Elevation: 505.9' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-7**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
		4	12-16	0.8				
15								
	490				2.5			(0-0.4') Dark gray to dark brown GRAVELY SAND (fine to medium subangular SAND and medium to coarse subrounded to subangular GRAVEL), trace to few Silt, loose, saturated.(KAME)
					3.55			(0.4-1.8') Dark brown and gray fine to medium subrounded to subangular SAND, trace coarse subrounded Sand, trace Silt, loose, saturated.(KAME)
		5	16-20	1.8				
20								
	485				0.60			(0-1.6') Dark brown and gray fine to medium subrounded to subangular SAND, trace coarse subrounded Sand, trace Silt, loose, saturated.(KAME)
					0.61			(1.6-1.8') Medium brown varved CLAY, soft, medium plasticity, moist.(KAME)
		6	20-24	1.8				
					1.27			(0-0.8') Slough; Medium to light brown medium to very fine SAND, loose, saturated.(KAME)
25					0.49	X		(0.8-1.1') Medium to dark brown SILTY SAND and fine to very fine SAND, loose saturated. Trace Clay lenses (0.95-1').(KAME)
	480				0.51			(1.1-2.15') Dark brown to dark gray fine to medium subrounded to subangular SAND, trace coarse subrounded Sand, trace Silt, loose, saturated.(KAME)
		7	24-28	2.55	0.49			(2.15-2.55') Dark gray very fine SANDY SILT, loose, no plasticity, saturated. (KAME)
					0.57			(0-2') Dark grayish brown very fine SAND, trace Silt, loose, saturated.(KAME)

Hydraulic Profiling Tool Max Pressure (psi): 0, 25, 50, 75, 100, 125

Well/Boring Construction: Backfilled with Bentonite to grade.

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 24-26' and 38-40' bgs. Geotechnical samples collected from 10-11' and 40-41' bgs.

Date Start/Finish: 6/30 & 7/1/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' and 5' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127286.6
Easting: 1165944.3
Casing Elevation: NA

Borehole Depth: 41' bgs
Surface Elevation: 505.9' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-7**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
30	475	8	28-33	3.6	0.71			(2-3.6') Reddish brown SILT, some medium to coarse subrounded to subangular Gravel, trace Clay, soft, low to medium plasticity, saturated. (SILT)	0 25 50 75 100 125	Backfilled with Bentonite to grade.
					0.56			(0-1.4') Reddish brown SILT, some medium to coarse subrounded to subangular Gravel, trace Clay, soft, low to medium plasticity, saturated.(SILT)		
					0.53			(1.4-2') Reddish brown SILT, some medium to coarse subrounded to subangular Gravel, trace Clay, trace Pebble (up to 3cm diameter), stiff, low to medium plasticity, wet.(SILT)		
35	470	9	33-38	2.45	0.0			(2-2.45') Dark brownish red SILTY SAND and fine to medium subangular SAND, few coarse Sand to fine Gravel, no plasticity, loose to medium dense, saturated.(SILT)	0 25 50 75 100 125	
								(2-2.45') Dark brownish red SILTY SAND and fine to medium subangular SAND, few coarse Sand to fine Gravel, no plasticity, loose to medium dense, saturated.(SILT)		
								(0-0.45') Dark brownish red SILTY SAND and fine to medium subangular SAND, few coarse Sand to fine Gravel, no plasticity, loose to medium dense, saturated.(SILT)		
		10	38-41	2.8	NA	X		(0.45-2.5') Dark brownish gray SILT, few very fine to fine Sand, trace coarse Sand, to fine subrounded to subangular Gravel, stiff, no plasticity, wet to saturated.(TILL)		
40	465							(2.5-2.8') Medium to dark brown, GRAVELY SILT and fine to medium subrounded to subangular Gravel, trace very fine to fine very stiff, no plasticity, moist.(TILL)	0 25 50 75 100 125	
								Refusal at 41' bgs. End of Boring.		

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 24-26' and 38-40' bgs. Geotechnical samples collected from 10-11' and 40-41' bgs.

Date Start/Finish: 6/30/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127245.8
Easting: 1166022.4
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 506.2' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-9**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
0	506								0 25 50 75 100 125	
					0.21			(0-0.7') Dark brown ORGANICS (plants/roots) and fine to medium SAND, some Silt, soft, loose, no plasticity, moist to wet. (KAME)		
					0.20			(0.7-1.3') Dark brown and gray CLAYEY SILT, some very fine to fine Sand, low plasticity, wet.(KAME)		
	505	1	0-4	3.0	0.0			(1.3-3') Medium brown SAND, some Silt, some fine to medium subrounded to subangular Sand, trace fine to medium subrounded Gravel, loose, medium plasticity, wet. Silty Clay (2.9-3').(KAME)		
								(0-0.65') Slough; Medium brown very fine SAND and SILT, saturated.(KAME)		
5					0.0			(0.65-0.9') Medium to dark brown CLAYEY SILT, few very fine to fine Sand, soft, medium plasticity, wet to saturated.(KAME)		
	500	2	4-8	2.5	0.31			(0.9-2.5') Medium brown fine to medium subrounded to subangular SAND, some very fine Sand, trace coarse subrounded Sand, loose.(KAME)		Backfilled with Bentonite to grade.
								(0-2') Dark brown GRAVELY SAND (fine to medium subrounded to subangular SAND), some medium to coarse subrounded to subangular Gravel, loose, saturated.(KAME)		
10		3	8-12	2.0	10.6	X				
	495									
					16.63			(0-2.2') Dark brown GRAVELY SAND (fine to medium subrounded to subangular SAND), some medium to coarse subrounded to subangular Gravel, loose, saturated.(KAME)		

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 25-27' and 30-32' bgs.

Date Start/Finish: 6/30/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127245.8
Easting: 1166022.4
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 506.2' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-9**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
		4	12-16	2.2				
15								
	490				3.65			(0-1.45') Medium brown fine to medium subrounded to subangular SAND, some very fine Sand, few coarse subrounded Sand, loose, no plasticity, saturated.(KAME)
		5	16-20	1.45				
20								
	485				0.25			(0-1.4') Medium to dark brown fine to medium subrounded to subangular SAND, loose, saturated. Very fine Sand (1.2-1.4').(KAME)
		6	20-24	1.4				
					0.66			(0-1.4') Dark brown and gray very fine SAND, loose, saturated. Clay lenses, soft, medium plasticity, saturated (0-0.3') and (1.1-1.3').(KAME)
25								
	480	7	24-28	2.55		X		(1.4-2.55') Dark brown very fine to fine SAND, loose, saturated.(KAME)
					0.21			
								End of Boring at 28' bgs.

Hydraulic Profiling Tool Max Pressure (psi): 0, 25, 50, 75, 100, 125

Well/Boring Construction: Backfilled with Bentonite to grade.

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 25-27' and 30-32' bgs.

Date Start/Finish: 6/30/2010
Drilling Company: Zebra Environmental
Driller's Name: Phil Orsi
Drilling Method: Direct Push
Sampling Method: 2" by 4' Acetate Liner
Rig Type: Track-Mounted Geoprobe Rig 54 DT

Northing: 1127245.8
Easting: 1166022.4
Casing Elevation: NA

Borehole Depth: 28' bgs
Surface Elevation: 506.2' AMSL

Descriptions By: Daniel Zuck

Well/Boring ID: **WL-9**

Client: Lockheed Martin Corporation

Location: 525 French Road
Utica, New York

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Hydraulic Profiling Tool Max Pressure (psi)	Well/Boring Construction
30	475					X			0 25 50 75 100 125	
35	470								0 25 50 75 100 125	
40	465								0 25 50 75 100 125	
45									0 25 50 75 100 125	

ARCADIS
Infrastructure, environment, buildings

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level. Horizontal Datum: NAD83 and projected on New York State Plane Coordinate System (Central Zone); Vertical Datum: Site Specific.

Ground water samples collected and analyzed for TCL VOCs using USEPA Method 8260 from 10-12', 25-27' and 30-32' bgs.

ARCADIS

Appendix C

Grain-Size Testing Results

PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

July 27, 2010

Mr. Sean Pepling
Parratt-Wolff, Inc.
5879 Fisher Road
East Syracuse, New York 13057

Re: L-10084
Laboratory Testing
LMC Utica
Arcadis Project No. NJ001018.1.2

Dear Mr. Pepling {SPepling@pwinc.com}:

Enclosed are the results of laboratory testing performed at your request on four jar soil samples delivered to our laboratory on July 21st, 2010 for the above referenced project. Results include:

1. Sieve Analysis ASTM D422 & D1140
   Laboratory I.D. #'s 25182 - 25185 — 4 Each

2. Hydrometer Analysis ASTM D4318
   Laboratory I.D. #'s 25182 - 25185 — 4 Each

All requested tests have been completed on the previously received sample(s) for the above project. All sample remains are scheduled to be disposed of on August 27, 2010. Please notify PW Laboratories, Inc. by letter or telephone prior to August 27, 2010 if you would prefer to pick up the sample(s) or that the sample(s) be retained by PW Laboratories, Inc for an additional period of time.

Thank you for this opportunity to work with you.

Very truly yours,

PW LABORATORIES, INC

Virginia J. Thoma
Manager – Laboratory Services
VJT/bll
Cc: Mr. Jeff Bonsteel
jeffrey.bonsteel@arcadis-us.com

Mr. Dan Zuck
daniel.zuck@arcadis-us.com

PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

Sieve Analysis of Soil/Aggregate

Project Title: Laboratory Testing
LMC Utica, New York
Arcadis Project No. NJ001018.1.2

Project #: L-10084
Test Method: ASTM D422 & D1140

Report #: 1
Report Date: July 27, 2010

			Sieve Size - Percent Passing Sieve													
Lab I.D. #	**Sample I.D.**	**Depth (feet)**	**1/2"**	**3/8"**	**1/4"**	**#4**	**#10**	**#30**	**#40**	**#60**	**#100**	**#200**				
25182	WL-6	5.0 - 6.0	--	100	99.7	99.5	98.7	94.1	86.2	64.1	51.3	42.1				
25183	WL-6	6.0 - 7.0	--	--	--	100	99.8	98.2	96.5	91.5	85.2	75.0				
25184	WL-7	10.0 - 11.0	--	100	94.7	91.8	81.2	63.4	57.5	40.0	19.8	10.8				
25185	WL-7	40.0 - 41.0	100	98.7	93.9	90.3	82.6	73.4	70.6	65.6	60.0	52.0				

Sample mass, as received, meets minimum mass requirements of test method: Yes ____ No X

Prewashed: Yes X No ____

Remarks: ____

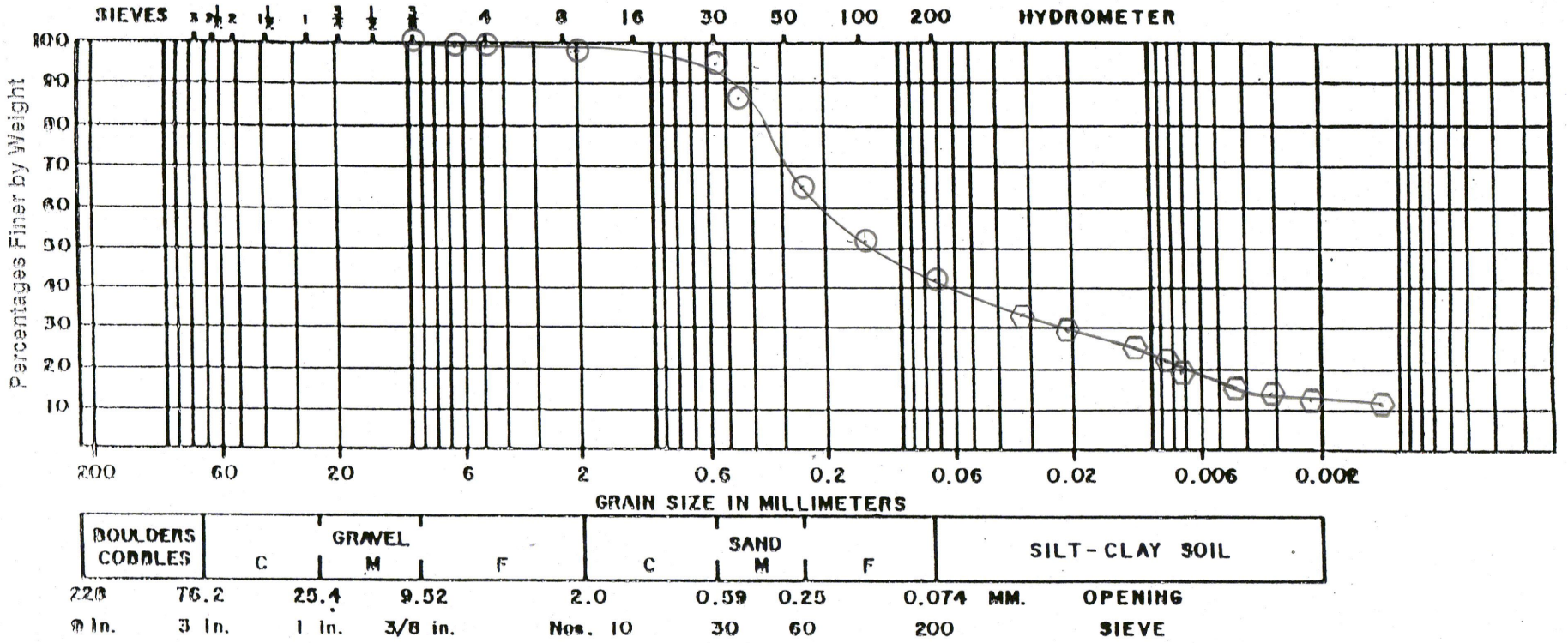
Performed By: JB & VJT

Checked By: V.J. Thoma

PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

Job No.: L-10084
Report No: 1
Date July 27, 2010

GRAIN SIZE ANALYSIS



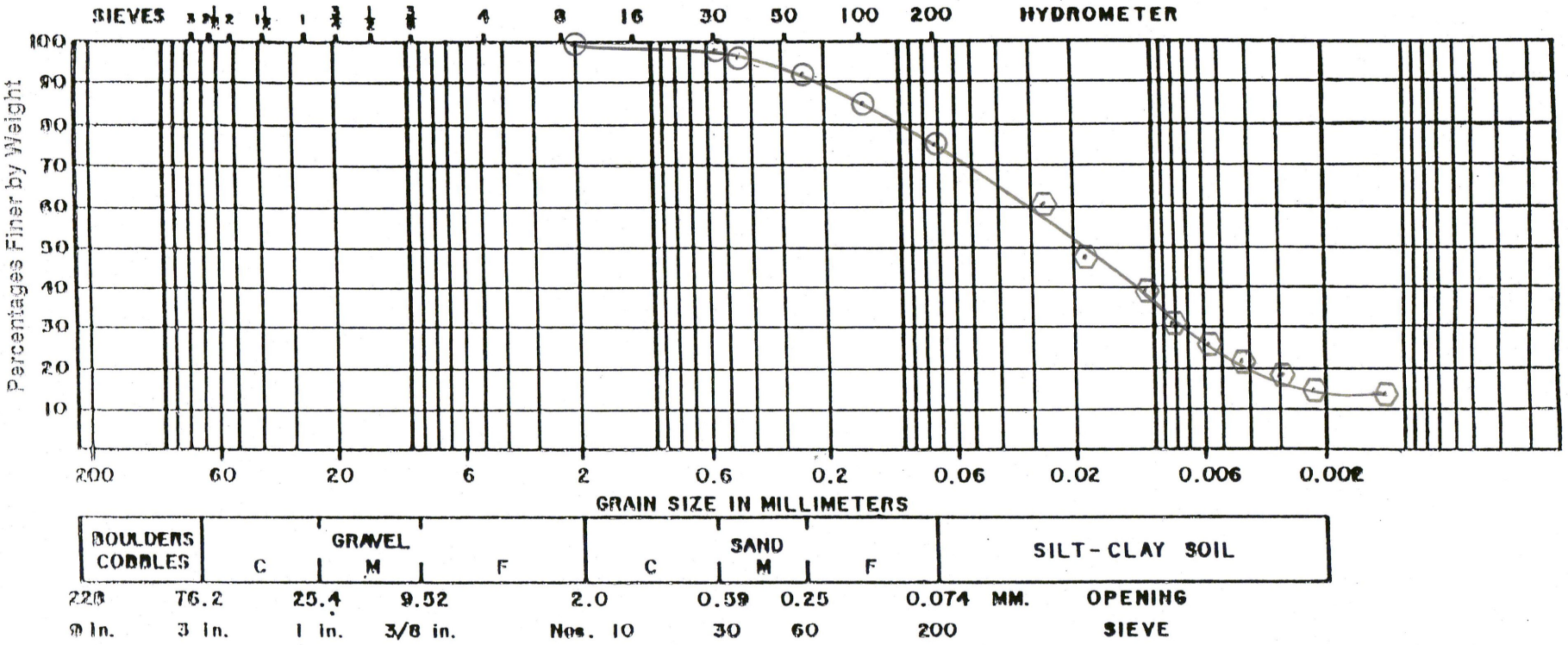
L-10084	Lab I.D. #:	25182
Laboratory Testing	Sample #:	WL-6
LMC - Utica, New York	Depth (Feet):	5.0 - 6.0
Arcadis Project #NJ001018.1.2		

⊙ Sieve Analysis ASTM D422 & D1140
⊙ Hydrometer Analysis ASTM D422

p-w labs
PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

Job No.:	L-10084
Report No:	2
Date	July 27, 2010

GRAIN SIZE ANALYSIS



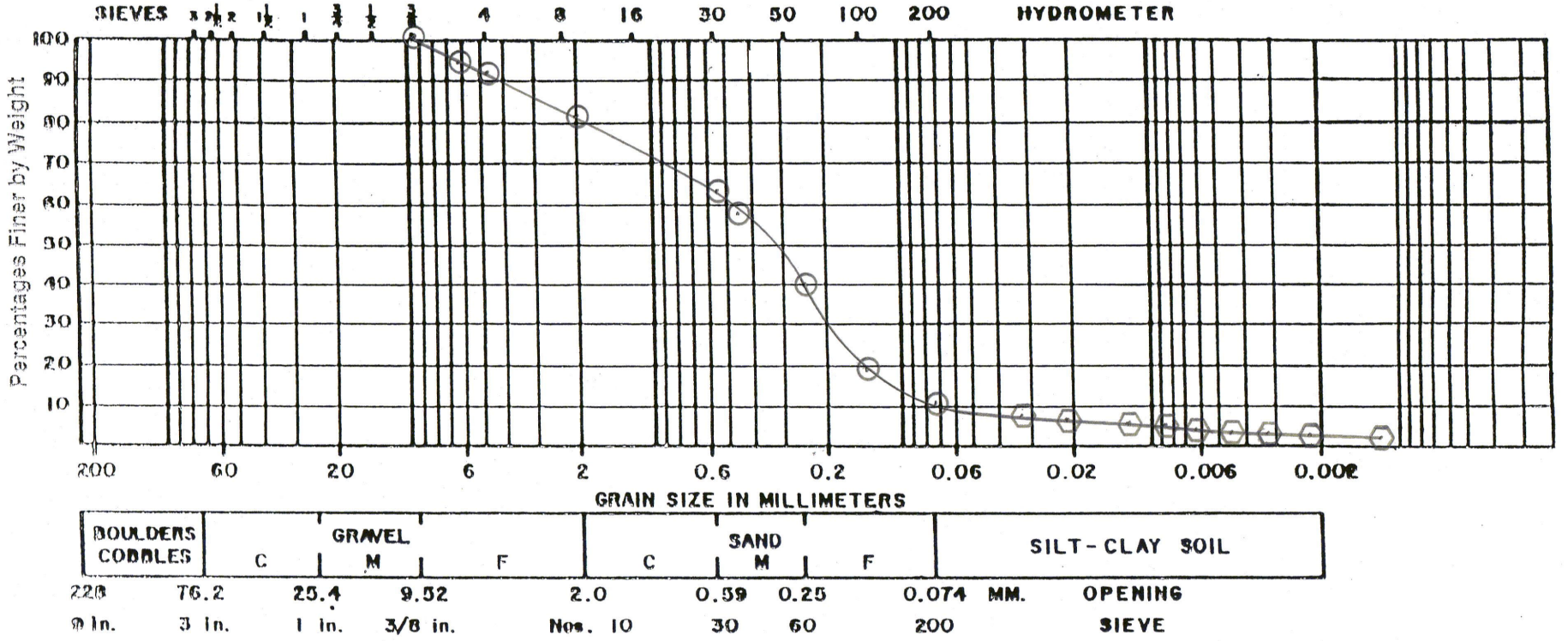
L-10084	Lab I.D. #:	25183
Laboratory Testing	Sample #:	WL-6
LMC - Utica, New York	Depth (Feet):	6.0 - 7.0
Arcadis Project #NJ001018.1.2		

⊙ Sieve Analysis ASTM D422 & D1140
⊙ Hydrometer Analysis ASTM D422

PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

Job No.:	L-10084
Report No:	3
Date	July 27, 2010

GRAIN SIZE ANALYSIS



L-10084	Lab I.D. #:	25184
Laboratory Testing	Sample #:	WL-7
LMC - Utica, New York	Depth (Feet):	10.0 - 11.0
Arcadis Project #NJ001018.1.2		

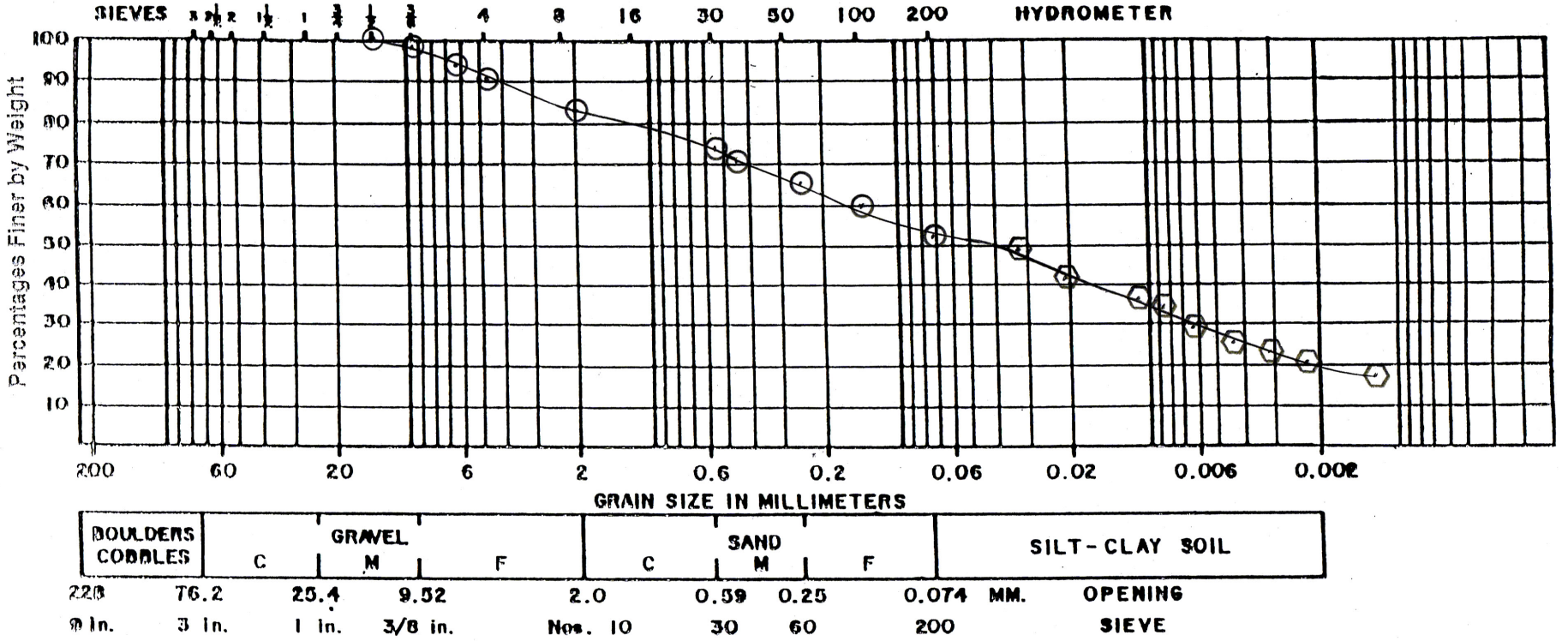
⊙ Sieve Analysis ASTM D422 & D1140

⊙ Hydrometer Analysis ASTM D422

PW LABORATORIES, INC.
6544 FREMONT ROAD, EAST SYRACUSE, NY 13057
315-437-1420 • Fax 315-437-1752 • pwlabsinc@hotmail.com

Job No.:	L-10084
Report No:	4
Date	July 27, 2010

GRAIN SIZE ANALYSIS



L-10084	Lab I.D. #:	25185
Laboratory Testing	Sample #:	WL-7
LMC - Utica, New York	Depth (Feet):	40.0 - 41.0
Arcadis Project #NJ001018.1.2		

⊙ Sieve Analysis ASTM D422 & D1140

⬡ Hydrometer Analysis ASTM D422

ARCADIS

Appendix D

Laboratory Analytical Data Packages
(Provided in Electronic Format)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RTG0521

Project Description

LMC - Utica, NY

For:

Jeff Bonsteel

ARCADIS U.S., Inc. - Albany, NY

465 New Karner Road

Albany, NY 12205

Candace L. Fox

Candace Fox

Project Manager

candace.fox@testamericainc.com

Monday, July 12, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

TestAmerica Buffalo
Current Certifications

As of 06/17/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire *	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412 -08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for p arameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

ARCADIS U.S., Inc. - Albany, NY
465 New Kamer Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
P6	Sample received unpreserved, *however the sample was analyzed within 7 days per EPA recommendation.*
R2	The RPD exceeded the acceptance limit.
S13	Due to the amount of sediment present in the sample vials, volumes from two or more separate vials were combined for analysis.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01 (WL-7 (10-12) - Water)					**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**			
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	110	P6,E	2.0	0.70	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Acetone	8.9	P6,J	10	3.0	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Benzene	2.0	P6	1.0	0.41	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
cis-1,2-Dichloroethene	110	P6,E	1.0	0.81	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Cyclohexane	0.97	P6,J	1.0	0.18	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methylcyclohexane	0.66	P6,J	1.0	0.16	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Tetrachloroethene	0.91	P6,J	1.0	0.36	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Toluene	1.0	P6	1.0	0.51	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
trans-1,2-Dichloroethene	1.1	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Trichloroethene	6.2	P6	1.0	0.46	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Vinyl chloride	24	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Xylenes, total	2.3	P6	2.0	0.66	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Sample ID: RTG0521-01RE1 (WL-7 (10-12) - Water)					**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**			
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	120	D08, P6	4.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Acetone	9.9	D08, P6,J	20	6.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Benzene	2.1	D08, P6	2.0	0.82	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
cis-1,2-Dichloroethene	120	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Cyclohexane	1.1	D08, P6,J	2.0	0.36	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Toluene	1.1	D08, P6,J	2.0	1.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Trichloroethene	7.2	D08, P6	2.0	0.92	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Vinyl chloride	27	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Xylenes, total	2.3	D08, P6,J	4.0	1.3	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Sample ID: RTG0521-02 (WL-7 (24-26) - Water)					**Sampled: 07/01/10 15:55**		**Recvd: 07/03/10 09:30**			
Volatile Organic Compounds by EPA 8260B										
1,1,2-Trichlorotrifluoroethane	0.97	P6, S13,J	1.0	0.31	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethene, Total	17	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Acetone	28	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Benzene	0.55	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
cis-1,2-Dichloroethene	17	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Tetrachloroethene	0.61	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Toluene	0.65	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Trichloroethene	3.1	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Sample ID: RTG0521-03 (WL-7 (38-40) - Water)					**Sampled: 07/01/10 15:10**		**Recvd: 07/03/10 09:30**			
Volatile Organic Compounds by EPA 8260B										
1,1,2-Trichlorotrifluoroethane	1.4	P6, S13	1.0	0.31	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethene, Total	18	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Acetone	16	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Benzene	0.61	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
cis-1,2-Dichloroethene	18	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Tetrachloroethene	0.59	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Toluene	0.60	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-03 (WL-7 (38-40) - Water) - cont.						**Sampled: 07/01/10 15:10**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B - cont.										
Trichloroethene	4.0	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Sample ID: RTG0521-04 (WL-1 (7-9) - Water)						**Sampled: 07/02/10 09:42**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	3.1	P6	2.0	0.70	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Acetone	4.1	P6,J	10	3.0	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.1	P6	1.0	0.81	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Sample ID: RTG0521-05 (WL-1 (11-13) - Water)						**Sampled: 07/02/10 09:32**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	0.95	P6,J	1.0	0.82	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroeth ane	1.3	P6	1.0	0.31	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethene, Total	3.3	P6	2.0	0.70	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Acetone	3.7	P6,J	10	3.0	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.3	P6	1.0	0.81	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Trichloroethene	44	P6	1.0	0.46	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Sample ID: RTG0521-06 (WL-1 (23-25) - Water)						**Sampled: 07/02/10 10:41**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethene, Total	31		2.0	0.70	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Acetone	5.5	J	10	3.0	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Carbon disulfide	0.60	J	1.0	0.19	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Trichloroethene	3.6		1.0	0.46	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Vinyl chloride	6.1		1.0	0.90	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Sample ID: RTG0521-07 (WL-1 (30-32) - Water)						**Sampled: 07/02/10 10:29**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
Acetone	7.5	P6,J	10	3.0	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Trichloroethene	1.6	P6	1.0	0.46	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Sample ID: RTG0521-08 (WL-2 (8-10) - Water)						**Sampled: 07/02/10 11:40**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
Acetone	3.0	J	10	3.0	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Sample ID: RTG0521-09 (WL-2 (12-14) - Water)						**Sampled: 07/02/10 11:54**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	1.8	P6,J	2.0	0.70	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.8	P6	1.0	0.81	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Trichloroethene	9.9	P6	1.0	0.46	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Sample ID: RTG0521-10 (WL-2 (26-28) - Water)						**Sampled: 07/02/10 13:33**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-10 (WL-2 (26-28) - Water) - cont.					**Sampled: 07/02/10 13:33**			**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
1,2-Dichloroethene, Total	2.7	P6	2.0	0.70	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Acetone	19	P6	10	3.0	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
cis-1,2-Dichloroethene	2.7	P6	1.0	0.81	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Trichloroethene	3.8	P6	1.0	0.46	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Sample ID: RTG0521-11 (WL-2 (30-32) - Water)					**Sampled: 07/02/10 13:49**			**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	1.3	P6,J	2.0	0.70	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Acetone	15	P6	10	3.0	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.3	P6	1.0	0.81	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Trichloroethene	2.4	P6	1.0	0.46	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Sample ID: RTG0521-13 (WL-3 (24-26) - Water)					**Sampled: 07/02/10 15:08**			**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
Acetone	6.2	P6,J	10	3.0	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Trichloroethene	13	P6	1.0	0.46	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Sample ID: RTG0521-14 (WL-3 (30-32) - Water)					**Sampled: 07/02/10 15:40**			**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
2-Butanone (MEK)	2.6	P6,J	10	1.3	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Acetone	17	P6	10	3.0	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Trichloroethene	9.5	P6	1.0	0.46	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Sample ID: RTG0521-17 (DUP070210 - Water)					**Sampled: 07/02/10**			**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
Acetone	4.4	J	10	3.0	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
WL-7 (10-12)	RTG0521-01	Water	07/01/10 13:30	07/03/10 09:30	
WL-7 (24-26)	RTG0521-02	Water	07/01/10 15:55	07/03/10 09:30	
WL-7 (38-40)	RTG0521-03	Water	07/01/10 15:10	07/03/10 09:30	
WL-1 (7-9)	RTG0521-04	Water	07/02/10 09:42	07/03/10 09:30	
WL-1 (11-13)	RTG0521-05	Water	07/02/10 09:32	07/03/10 09:30	
WL-1 (23-25)	RTG0521-06	Water	07/02/10 10:41	07/03/10 09:30	
WL-1 (30-32)	RTG0521-07	Water	07/02/10 10:29	07/03/10 09:30	
WL-2 (8-10)	RTG0521-08	Water	07/02/10 11:40	07/03/10 09:30	
WL-2 (12-14)	RTG0521-09	Water	07/02/10 11:54	07/03/10 09:30	
WL-2 (26-28)	RTG0521-10	Water	07/02/10 13:33	07/03/10 09:30	
WL-2 (30-32)	RTG0521-11	Water	07/02/10 13:49	07/03/10 09:30	
WL-3 (10-12)	RTG0521-12	Water	07/02/10 14:50	07/03/10 09:30	
WL-3 (24-26)	RTG0521-13	Water	07/02/10 15:08	07/03/10 09:30	
WL-3 (30-32)	RTG0521-14	Water	07/02/10 15:40	07/03/10 09:30	
DUP070210	RTG0521-17	Water	07/02/10	07/03/10 09:30	
TRIP BLANK	RTG0521-18	Water	07/02/10	07/03/10 09:30	

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01 (WL-7 (10-12) - Water)						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethene, Total	110	P6,E	2.0	0.70	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Acetone	8.9	P6,J	10	3.0	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Benzene	2.0	P6	1.0	0.41	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
cis-1,2-Dichloroethene	110	P6,E	1.0	0.81	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Cyclohexane	0.97	P6,J	1.0	0.18	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methylcyclohexane	0.66	P6,J	1.0	0.16	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Tetrachloroethene	0.91	P6,J	1.0	0.36	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Toluene	1.0	P6	1.0	0.51	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
trans-1,2-Dichloroethene	1.1	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Trichloroethene	6.2	P6	1.0	0.46	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01 (WL-7 (10-12) - Water) - cont.						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Vinyl chloride	24	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Xylenes, total	2.3	P6	2.0	0.66	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*98 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Sample ID: RTG0521-01RE1 (WL-7 (10-12) - Water) **Sampled: 07/01/10 13:30** **Recvd: 07/03/10 09:30**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2,2-Tetrachloroethane	ND	D08, P6	2.0	0.43	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2-Trichloroethane	ND	D08, P6	2.0	0.46	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08, P6	2.0	0.62	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1-Dichloroethane	ND	D08, P6	2.0	0.77	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1-Dichloroethene	ND	D08, P6	2.0	0.59	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2,4-Trichlorobenzene	ND	D08, P6	2.0	0.82	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dibromo-3-chloropropane	ND	D08, P6	2.0	0.79	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dibromoethane (EDB)	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichlorobenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethane	ND	D08, P6	2.0	0.43	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethene, Total	120	D08, P6	4.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloropropane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,3-Dichlorobenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,4-Dichlorobenzene	ND	D08, P6	2.0	1.7	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
2-Butanone (MEK)	ND	D08, P6	20	2.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
2-Hexanone	ND	D08, P6	10	2.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08, P6	10	4.2	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Acetone	9.9	D08, P6,J	20	6.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Benzene	2.1	D08, P6	2.0	0.82	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromodichloromethane	ND	D08, P6	2.0	0.77	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromoform	ND	D08, P6	2.0	0.51	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromomethane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Carbon disulfide	ND	D08, P6	2.0	0.39	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Carbon Tetrachloride	ND	D08, P6	2.0	0.53	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chlorobenzene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chlorodibromomethane	ND	D08, P6	2.0	0.64	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloroethane	ND	D08, P6	2.0	0.65	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloroform	ND	D08, P6	2.0	0.67	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloromethane	ND	D08, P6	2.0	0.69	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
cis-1,2-Dichloroethene	120	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
cis-1,3-Dichloropropene	ND	D08, P6	2.0	0.71	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Cyclohexane	1.1	D08, P6,J	2.0	0.36	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Dichlorodifluoromethane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Ethylbenzene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Isopropylbenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methyl Acetate	ND	D08, P6	2.0	1.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methyl tert-Butyl Ether	ND	D08, P6	2.0	0.32	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methylcyclohexane	ND	D08, P6	2.0	0.32	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methylene Chloride	ND	D08, P6	2.0	0.88	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Styrene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Tetrachloroethene	ND	D08, P6	2.0	0.73	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Toluene	1.1	D08, P6,J	2.0	1.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
trans-1,2-Dichloroethene	ND	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
trans-1,3-Dichloropropene	ND	D08, P6	2.0	0.74	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Trichloroethene	7.2	D08, P6	2.0	0.92	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01RE1 (WL-7 (10-12) - Water) - cont.						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Vinyl chloride	27	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Xylenes, total	2.3	D08, P6,J	4.0	1.3	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethane-d4	*92 %*	*D08, P6*	*Surr Limits: (66-137%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*
4-Bromofluorobenzene	*94 %*	*D08, P6*	*Surr Limits: (73-120%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*
Toluene-d8	*97 %*	*D08, P6*	*Surr Limits: (71-126%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-02 (WL-7 (24-26) - Water)						**Sampled: 07/01/10 15:55**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6, S13	1.0	0.82	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6, S13	1.0	0.23	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	0.97	P6, S13,J	1.0	0.31	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6, S13	1.0	0.38	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6, S13	1.0	0.29	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6, S13	1.0	0.41	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethene, Total	17	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6, S13	1.0	0.72	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6, S13	1.0	0.78	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6, S13	1.0	0.84	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6, S13	10	1.3	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
2-Hexanone	ND	P6, S13	5.0	1.2	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6, S13	5.0	2.1	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Acetone	28	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Benzene	0.55	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromodichloromethane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromoform	ND	P6, S13	1.0	0.26	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromomethane	ND	P6, S13	1.0	0.69	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Carbon disulfide	ND	P6, S13	1.0	0.19	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6, S13	1.0	0.27	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chlorobenzene	ND	P6, S13	1.0	0.75	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloroethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloroform	ND	P6, S13	1.0	0.34	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloromethane	ND	P6, S13	1.0	0.35	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
cis-1,2-Dichloroethene	17	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6, S13	1.0	0.36	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Cyclohexane	ND	P6, S13	1.0	0.18	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6, S13	1.0	0.68	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Ethylbenzene	ND	P6, S13	1.0	0.74	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Isopropylbenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methyl Acetate	ND	P6, S13	1.0	0.50	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methylcyclohexane	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methylene Chloride	ND	P6, S13	1.0	0.44	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Styrene	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Tetrachloroethene	0.61	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Toluene	0.65	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6, S13	1.0	0.37	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Trichloroethene	3.1	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-02 (WL-7 (24-26) - Water) - cont.						**Sampled: 07/01/10 15:55**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6, S13	1.0	0.88	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Vinyl chloride	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Xylenes, total	ND	P6, S13	2.0	0.66	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	*P6, S13*	*Surr Limits: (66-137%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	*P6, S13*	*Surr Limits: (73-120%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	*P6, S13*	*Surr Limits: (71-126%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-03 (WL-7 (38-40) - Water)						**Sampled: 07/01/10 15:10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6, S13	1.0	0.82	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6, S13	1.0	0.23	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	1.4	P6, S13	1.0	0.31	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6, S13	1.0	0.38	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6, S13	1.0	0.29	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6, S13	1.0	0.41	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethene, Total	18	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6, S13	1.0	0.72	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6, S13	1.0	0.78	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6, S13	1.0	0.84	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6, S13	10	1.3	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
2-Hexanone	ND	P6, S13	5.0	1.2	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6, S13	5.0	2.1	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Acetone	16	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Benzene	0.61	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromodichloromethane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromoform	ND	P6, S13	1.0	0.26	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromomethane	ND	P6, S13	1.0	0.69	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Carbon disulfide	ND	P6, S13	1.0	0.19	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6, S13	1.0	0.27	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chlorobenzene	ND	P6, S13	1.0	0.75	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloroethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloroform	ND	P6, S13	1.0	0.34	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloromethane	ND	P6, S13	1.0	0.35	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
cis-1,2-Dichloroethene	18	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6, S13	1.0	0.36	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Cyclohexane	ND	P6, S13	1.0	0.18	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6, S13	1.0	0.68	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Ethylbenzene	ND	P6, S13	1.0	0.74	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Isopropylbenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methyl Acetate	ND	P6, S13	1.0	0.50	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methylcyclohexane	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methylene Chloride	ND	P6, S13	1.0	0.44	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Styrene	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Tetrachloroethene	0.59	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Toluene	0.60	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6, S13	1.0	0.37	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Trichloroethene	4.0	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-03 (WL-7 (38-40) - Water) - cont.						**Sampled: 07/01/10 15:10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6, S13	1.0	0.88	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Vinyl chloride	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Xylenes, total	ND	P6, S13	2.0	0.66	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*93 %*	*P6, S13*	*Surr Limits: (66-137%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	*P6, S13*	*Surr Limits: (73-120%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	*P6, S13*	*Surr Limits: (71-126%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-04 (WL-1 (7-9) - Water)						**Sampled: 07/02/10 09:42**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethene, Total	3.1	P6	2.0	0.70	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Acetone	4.1	P6,J	10	3.0	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.1	P6	1.0	0.81	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-04 (WL-1 (7-9) - Water) - cont.						**Sampled: 07/02/10 09:42**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*96 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-05 (WL-1 (11-13) - Water)						**Sampled: 07/02/10 09:32**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	0.95	P6,J	1.0	0.82	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	1.3	P6	1.0	0.31	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethene, Total	3.3	P6	2.0	0.70	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Acetone	3.7	P6,J	10	3.0	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.3	P6	1.0	0.81	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Trichloroethene	44	P6	1.0	0.46	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-05 (WL-1 (11-13) - Water) - cont.						**Sampled: 07/02/10 09:32**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-06 (WL-1 (23-25) - Water)						**Sampled: 07/02/10 10:41**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethene, Total	31		2.0	0.70	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Acetone	5.5	J	10	3.0	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Carbon disulfide	0.60	J	1.0	0.19	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Trichloroethene	3.6		1.0	0.46	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-06 (WL-1 (23-25) - Water) - cont.						**Sampled: 07/02/10 10:41**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Vinyl chloride	6.1		1.0	0.90	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*91 %*		*Surr Limits: (73-120%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-07 (WL-1 (30-32) - Water)						**Sampled: 07/02/10 10:29**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Acetone	7.5	P6,J	10	3.0	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Trichloroethene	1.6	P6	1.0	0.46	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-07 (WL-1 (30-32) - Water) - cont.						**Sampled: 07/02/10 10:29**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*96 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-08 (WL-2 (8-10) - Water)						**Sampled: 07/02/10 11:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Acetone	3.0	J	10	3.0	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-08 (WL-2 (8-10) - Water) - cont.						**Sampled: 07/02/10 11:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*		*Surr Limits: (73-120%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-09 (WL-2 (12-14) - Water)						**Sampled: 07/02/10 11:54**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethene, Total	1.8	P6,J	2.0	0.70	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.8	P6	1.0	0.81	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Trichloroethene	9.9	P6	1.0	0.46	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-09 (WL-2 (12-14) - Water) - cont.						**Sampled: 07/02/10 11:54**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-10 (WL-2 (26-28) - Water)						**Sampled: 07/02/10 13:33**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethene, Total	2.7	P6	2.0	0.70	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Acetone	19	P6	10	3.0	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
cis-1,2-Dichloroethene	2.7	P6	1.0	0.81	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Trichloroethene	3.8	P6	1.0	0.46	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-10 (WL-2 (26-28) - Water) - cont.						**Sampled: 07/02/10 13:33**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-11 (WL-2 (30-32) - Water)						**Sampled: 07/02/10 13:49**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethene, Total	1.3	P6,J	2.0	0.70	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Acetone	15	P6	10	3.0	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.3	P6	1.0	0.81	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Trichloroethene	2.4	P6	1.0	0.46	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-11 (WL-2 (30-32) - Water) - cont.						**Sampled: 07/02/10 13:49**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-12 (WL-3 (10-12) - Water)						**Sampled: 07/02/10 14:50**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroeth ane	ND		1.0	0.31	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dibromo-3-chloroprop ane	ND		1.0	0.39	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
trans-1,3-Dichloropropen e	ND		1.0	0.37	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Kamer Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-12 (WL-3 (10-12) - Water) - cont.						**Sampled: 07/02/10 14:50**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*		*Surr Limits: (73-120%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-13 (WL-3 (24-26) - Water)						**Sampled: 07/02/10 15:08**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Acetone	6.2	P6,J	10	3.0	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Trichloroethene	13	P6	1.0	0.46	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-13 (WL-3 (24-26) - Water) - cont.						**Sampled: 07/02/10 15:08**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*93 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*96 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-14 (WL-3 (30-32) - Water)						**Sampled: 07/02/10 15:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
2-Butanone (MEK)	2.6	P6,J	10	1.3	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Acetone	17	P6	10	3.0	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Trichloroethene	9.5	P6	1.0	0.46	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-14 (WL-3 (30-32) - Water) - cont.						**Sampled: 07/02/10 15:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*	*P6*	*Surr Limits: (66-137%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	*P6*	*Surr Limits: (73-120%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*93 %*	*P6*	*Surr Limits: (71-126%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-17 (DUP070210 - Water)						**Sampled: 07/02/10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Acetone	4.4	J	10	3.0	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-17 (DUP070210 - Water) - cont.						**Sampled: 07/02/10**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(66-137%)*			*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*		*Surr Limits:*	*(73-120%)*			*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits:*	*(71-126%)*			*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-18 (TRIP BLANK - Water)						**Sampled: 07/02/10**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroeth ane	ND		1.0	0.31	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dibromo-3-chloroprop ane	ND		1.0	0.39	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
trans-1,3-Dichloropropen e	ND		1.0	0.37	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-18 (TRIP BLANK - Water) - cont.						**Sampled: 07/02/10**			**Recvd: 07/03/10 09:30**	
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*		*Surr Limits: (73-120%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*91 %*		*Surr Limits: (71-126%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	10G0253	RTG0521-01	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-02	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-03	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-04	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-05	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-06	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-07	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-08	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-09	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-10	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-11	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-12	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-13	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-14	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-17	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0253	RTG0521-18	5.00	mL	5.00	mL	07/06/10 15:17	TRB	5030B MS
8260B	10G0303	RTG0521-01RE	5.00	mL	5.00	mL	07/07/10 08:51	TRB	5030B MS

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/06/10 (Lab Number:10G0253-BLK1, Batch: 10G0253)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/06/10 (Lab Number:10G0253-BLK1, Batch: 10G0253)											
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*94*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*98*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*100*	*71-126*			
LCS Analyzed: 07/06/10 (Lab Number:10G0253-BS1, Batch: 10G0253)											
1,1,1-Trichloroethane		25.0	1.0	0.82	ug/L	24.8	99	73-126			
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	25.0	100	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	24.9	100	76-122			
1,1,2-Trichlorotrifluoroethane		25.0	1.0	0.31	ug/L	25.9	103	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	24.5	98	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	24.8	99	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	25.2	101	70-122			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	25.0	100	56-134			
1,2-Dibromoethane (EDB)		25.0	1.0	0.73	ug/L	25.2	101	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	24.7	99	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	24.8	99	75-127			
1,2-Dichloroethene, Total		50.0	2.0	0.70	ug/L	50.2	100	72-124			
1,2-Dichloropropane		25.0	1.0	0.72	ug/L	24.7	99	76-120			
1,3-Dichlorobenzene		25.0	1.0	0.78	ug/L	24.8	99	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.84	ug/L	24.7	99	75-120			
2-Butanone (MEK)		125	10	1.3	ug/L	126	100	57-140			

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/06/10 (Lab Number:10G0253-BS1, Batch: 10G0253)											
2-Hexanone		125	5.0	1.2	ug/L	130	104	65-127			
4-Methyl-2-pentanone (MIBK)		125	5.0	2.1	ug/L	128	103	71-125			
Acetone		125	10	3.0	ug/L	122	97	56-142			
Benzene		25.0	1.0	0.41	ug/L	24.8	99	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	24.9	100	80-122			
Bromoform		25.0	1.0	0.26	ug/L	25.3	101	66-128			
Bromomethane		25.0	1.0	0.69	ug/L	26.4	106	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	25.2	101	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	25.2	101	72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	25.3	101	72-120			
Chlorodibromomethane		25.0	1.0	0.32	ug/L	25.4	102	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	23.6	94	69-136			
Chloroform		25.0	1.0	0.34	ug/L	24.7	99	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	23.4	94	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	25.1	100	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	25.1	100	74-124			
Cyclohexane		25.0	1.0	0.18	ug/L	25.6	103	70-130			
Dichlorodifluoromethane		25.0	1.0	0.68	ug/L	25.1	100	33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	25.0	100	77-123			
Isopropylbenzene		25.0	1.0	0.79	ug/L	24.7	99	77-122			
Methyl Acetate		25.0	1.0	0.50	ug/L	23.8	95	60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	25.3	101	64-127			
Methylcyclohexane		25.0	1.0	0.16	ug/L	26.0	104	60-140			
Methylene Chloride		25.0	1.0	0.44	ug/L	23.2	93	57-132			
Styrene		25.0	1.0	0.73	ug/L	25.4	102	70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	25.2	101	74-122			
Toluene		25.0	1.0	0.51	ug/L	24.7	99	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	25.1	101	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	25.7	103	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	24.8	99	74-123			
Trichlorofluoromethane		25.0	1.0	0.88	ug/L	25.0	100	62-152			
Vinyl chloride		25.0	1.0	0.90	ug/L	24.3	97	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	75.7	101	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*100*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*101*	*71-126*			

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 07/06/10 (Lab Number:10G0253-BS1, Batch: 10G0253)

Matrix Spike Analyzed: 07/06/10 (Lab Number:10G0253-MS1, Batch: 10G0253)

QC Source Sample: RTG0521-14

1,1,1-Trichloroethane	ND	25.0	1.0	0.82	ug/L	23.7	95	73-126	P6
1,1,2,2-Tetrachloroethane	ND	25.0	1.0	0.21	ug/L	20.9	84	70-126	P6
1,1,2-Trichloroethane	ND	25.0	1.0	0.23	ug/L	22.0	88	76-122	P6
1,1,2-Trichlorotrifluoroethane	ND	25.0	1.0	0.31	ug/L	20.2	81	60-140	P6
1,1-Dichloroethane	ND	25.0	1.0	0.38	ug/L	22.7	91	71-129	P6
1,1-Dichloroethene	ND	25.0	1.0	0.29	ug/L	23.3	93	65-138	P6
1,2,4-Trichlorobenzene	ND	25.0	1.0	0.41	ug/L	21.2	85	70-122	P6
1,2-Dibromo-3-chloropropane	ND	25.0	1.0	0.39	ug/L	20.0	80	56-134	P6
1,2-Dibromoethane (EDB)	ND	25.0	1.0	0.73	ug/L	22.1	88	77-120	P6
1,2-Dichlorobenzene	ND	25.0	1.0	0.79	ug/L	21.6	86	77-120	P6
1,2-Dichloroethane	ND	25.0	1.0	0.21	ug/L	21.8	87	75-127	P6
1,2-Dichloroethene, Total	ND	50.0	2.0	0.70	ug/L	46.8	94	72-124	P6
1,2-Dichloropropane	ND	25.0	1.0	0.72	ug/L	22.1	88	76-120	P6
1,3-Dichlorobenzene	ND	25.0	1.0	0.78	ug/L	22.1	88	77-120	P6
1,4-Dichlorobenzene	ND	25.0	1.0	0.84	ug/L	21.7	87	75-120	P6
2-Butanone (MEK)	2.55	125	10	1.3	ug/L	103	81	57-140	P6
2-Hexanone	ND	125	5.0	1.2	ug/L	106	84	65-127	P6
4-Methyl-2-pentanone (MIBK)	ND	125	5.0	2.1	ug/L	106	85	71-125	P6
Acetone	17.1	125	10	3.0	ug/L	111	75	56-142	P6
Benzene	ND	25.0	1.0	0.41	ug/L	23.0	92	71-124	P6
Bromodichloromethane	ND	25.0	1.0	0.39	ug/L	20.6	82	80-122	P6
Bromoform	ND	25.0	1.0	0.26	ug/L	18.0	72	66-128	P6
Bromomethane	ND	25.0	1.0	0.69	ug/L	19.4	77	36-150	P6
Carbon disulfide	ND	25.0	1.0	0.19	ug/L	17.4	69	59-134	P6
Carbon Tetrachloride	ND	25.0	1.0	0.27	ug/L	22.2	89	72-134	P6
Chlorobenzene	ND	25.0	1.0	0.75	ug/L	22.7	91	72-120	P6
Chlorodibromomethane	ND	25.0	1.0	0.32	ug/L	19.4	77	75-125	P6
Chloroethane	ND	25.0	1.0	0.32	ug/L	23.1	92	69-136	P6
Chloroform	ND	25.0	1.0	0.34	ug/L	22.8	91	73-127	P6
Chloromethane	ND	25.0	1.0	0.35	ug/L	23.0	92	49-142	P6
cis-1,2-Dichloroethene	ND	25.0	1.0	0.81	ug/L	23.2	93	74-124	P6
cis-1,3-Dichloropropene	ND	25.0	1.0	0.36	ug/L	19.9	80	74-124	P6
Cyclohexane	ND	25.0	1.0	0.18	ug/L	20.5	82	70-130	P6
Dichlorodifluoromethane	ND	25.0	1.0	0.68	ug/L	20.3	81	33-157	P6
Ethylbenzene	ND	25.0	1.0	0.74	ug/L	23.1	93	77-123	P6
Isopropylbenzene	ND	25.0	1.0	0.79	ug/L	22.7	91	77-122	P6

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 07/06/10 (Lab Number:10G0253-MS1, Batch: 10G0253)											
QC Source Sample: RTG0521-14											
Methyl Acetate	ND	25.0	1.0	0.50	ug/L	20.6	82	60-140			P6
Methyl tert-Butyl Ether	ND	25.0	1.0	0.16	ug/L	21.4	86	64-127			P6
Methylcyclohexane	ND	25.0	1.0	0.16	ug/L	19.5	78	60-140			P6
Methylene Chloride	ND	25.0	1.0	0.44	ug/L	20.9	84	57-132			P6
Styrene	ND	25.0	1.0	0.73	ug/L	22.9	91	70-130			P6
Tetrachloroethene	ND	25.0	1.0	0.36	ug/L	22.5	90	74-122			P6
Toluene	ND	25.0	1.0	0.51	ug/L	23.0	92	70-122			P6
trans-1,2-Dichloroethene	ND	25.0	1.0	0.90	ug/L	23.6	94	73-127			P6
trans-1,3-Dichloropropene	ND	25.0	1.0	0.37	ug/L	19.9	79	72-123			P6
Trichloroethene	9.46	25.0	1.0	0.46	ug/L	25.5	64	74-123			P6,M8
Trichlorofluoromethane	ND	25.0	1.0	0.88	ug/L	21.9	88	62-152			P6
Vinyl chloride	ND	25.0	1.0	0.90	ug/L	23.8	95	65-133			P6
Xylenes, total	ND	75.0	2.0	0.66	ug/L	68.3	91	76-122			P6
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*66-137*			*P6*
Surrogate: 4-Bromofluorobenzene					*ug/L*		*96*	*73-120*			*P6*
Surrogate: Toluene-d8					*ug/L*		*97*	*71-126*			*P6*
Matrix Spike Dup Analyzed: 07/06/10 (Lab Number:10G0253-MSD1, Batch: 10G0253)											
QC Source Sample: RTG0521-14											
1,1,1-Trichloroethane	ND	25.0	1.0	0.82	ug/L	27.6	110	73-126	15	15	P6
1,1,2,2-Tetrachloroethane	ND	25.0	1.0	0.21	ug/L	30.8	123	70-126	38	15	P6,R2
1,1,2-Trichloroethane	ND	25.0	1.0	0.23	ug/L	30.2	121	76-122	31	15	P6,R2
1,1,2-Trichlorotrifluoroethane	ND	25.0	1.0	0.31	ug/L	25.6	102	60-140	23	20	P6,R2
1,1-Dichloroethane	ND	25.0	1.0	0.38	ug/L	28.4	113	71-129	22	20	P6,R2
1,1-Dichloroethene	ND	25.0	1.0	0.29	ug/L	26.5	106	65-138	13	16	P6
1,2,4-Trichlorobenzene	ND	25.0	1.0	0.41	ug/L	28.8	115	70-122	30	20	P6,R2
1,2-Dibromo-3-chloropropane	ND	25.0	1.0	0.39	ug/L	29.8	119	56-134	40	15	P6,R2
1,2-Dibromoethane (EDB)	ND	25.0	1.0	0.73	ug/L	30.6	122	77-120	32	15	P6,M7,R2
1,2-Dichlorobenzene	ND	25.0	1.0	0.79	ug/L	28.8	115	77-120	29	20	P6,R2
1,2-Dichloroethane	ND	25.0	1.0	0.21	ug/L	30.0	120	75-127	32	20	P6,R2
1,2-Dichloroethene, Total	ND	50.0	2.0	0.70	ug/L	57.9	116	72-124	21	20	P6,R2
1,2-Dichloropropane	ND	25.0	1.0	0.72	ug/L	29.0	116	76-120	27	20	P6,R2
1,3-Dichlorobenzene	ND	25.0	1.0	0.78	ug/L	28.2	113	77-120	24	20	P6,R2
1,4-Dichlorobenzene	ND	25.0	1.0	0.84	ug/L	28.4	114	75-120	27	20	P6,R2

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 07/06/10 (Lab Number:10G0253-MSD1, Batch: 10G0253)											
QC Source Sample: RTG0521-14											
2-Butanone (MEK)	2.55	125	10	1.3	ug/L	154	121	57-140	40	20	P6,R2
2-Hexanone	ND	125	5.0	1.2	ug/L	150	120	65-127	35	15	P6,R2
4-Methyl-2-pentanone (MIBK)	ND	125	5.0	2.1	ug/L	154	123	71-125	37	35	P6,R2
Acetone	17.1	125	10	3.0	ug/L	180	130	56-142	48	15	P6,R2
Benzene	ND	25.0	1.0	0.41	ug/L	28.8	115	71-124	22	13	P6,R2
Bromodichloromethane	ND	25.0	1.0	0.39	ug/L	27.4	110	80-122	29	15	P6,R2
Bromoform	ND	25.0	1.0	0.26	ug/L	26.1	105	66-128	37	15	P6,R2
Bromomethane	ND	25.0	1.0	0.69	ug/L	30.0	120	36-150	43	15	P6,R2
Carbon disulfide	ND	25.0	1.0	0.19	ug/L	19.8	79	59-134	13	15	P6
Carbon Tetrachloride	ND	25.0	1.0	0.27	ug/L	25.4	102	72-134	14	15	P6
Chlorobenzene	ND	25.0	1.0	0.75	ug/L	28.4	113	72-120	22	25	P6
Chlorodibromomethane	ND	25.0	1.0	0.32	ug/L	26.8	107	75-125	32	15	P6,R2
Chloroethane	ND	25.0	1.0	0.32	ug/L	26.8	107	69-136	15	15	P6
Chloroform	ND	25.0	1.0	0.34	ug/L	29.2	117	73-127	25	20	P6,R2
Chloromethane	ND	25.0	1.0	0.35	ug/L	27.5	110	49-142	18	15	P6,R2
cis-1,2-Dichloroethene	ND	25.0	1.0	0.81	ug/L	29.6	118	74-124	24	15	P6,R2
cis-1,3-Dichloropropene	ND	25.0	1.0	0.36	ug/L	27.1	108	74-124	30	15	P6,R2
Cyclohexane	ND	25.0	1.0	0.18	ug/L	24.9	100	70-130	19	20	P6
Dichlorodifluoromethane	ND	25.0	1.0	0.68	ug/L	24.7	99	33-157	20	20	P6
Ethylbenzene	ND	25.0	1.0	0.74	ug/L	27.6	110	77-123	18	15	P6,R2
Isopropylbenzene	ND	25.0	1.0	0.79	ug/L	27.6	110	77-122	20	20	P6
Methyl Acetate	ND	25.0	1.0	0.50	ug/L	31.3	125	60-140	41	20	P6,R2
Methyl tert-Butyl Ether	ND	25.0	1.0	0.16	ug/L	30.8	123	64-127	36	37	P6
Methylcyclohexane	ND	25.0	1.0	0.16	ug/L	25.0	100	60-140	25	20	P6,R2
Methylene Chloride	ND	25.0	1.0	0.44	ug/L	28.3	113	57-132	30	15	P6,R2
Styrene	ND	25.0	1.0	0.73	ug/L	28.8	115	70-130	23	20	P6,R2
Tetrachloroethene	ND	25.0	1.0	0.36	ug/L	26.6	106	74-122	16	20	P6
Toluene	ND	25.0	1.0	0.51	ug/L	28.0	112	70-122	20	15	P6,R2
trans-1,2-Dichloroethene	ND	25.0	1.0	0.90	ug/L	28.3	113	73-127	18	20	P6
trans-1,3-Dichloropropene	ND	25.0	1.0	0.37	ug/L	27.3	109	72-123	31	15	P6,R2
Trichloroethene	9.46	25.0	1.0	0.46	ug/L	37.8	113	74-123	39	16	P6,R2
Trichlorofluoromethane	ND	25.0	1.0	0.88	ug/L	25.6	102	62-152	15	20	P6
Vinyl chloride	ND	25.0	1.0	0.90	ug/L	26.4	105	65-133	10	15	P6
Xylenes, total	ND	75.0	2.0	0.66	ug/L	83.8	112	76-122	20	16	P6,R2
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*66-137*			*P6*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 07/06/10 (Lab Number:10G0253-MSD1, Batch: 10G0253)											
QC Source Sample: RTG0521-14											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*95*	*73-120*			*P6*
Surrogate: Toluene-d8					*ug/L*		*97*	*71-126*			*P6*
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/07/10 (Lab Number:10G0303-BLK1, Batch: 10G0303)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/07/10 (Lab Number:10G0303-BLK1, Batch: 10G0303)											
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*92*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*95*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*96*	*71-126*			
LCS Analyzed: 07/07/10 (Lab Number:10G0303-BS1, Batch: 10G0303)											
1,1,1-Trichloroethane		25.0	1.0	0.82	ug/L	25.9	104	73-126			
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	23.6	94	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	24.7	99	76-122			
1,1,2-Trichlorotrifluoroethane		25.0	1.0	0.31	ug/L	26.6	107	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	24.8	99	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	25.7	103	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	24.7	99	70-122			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	23.1	92	56-134			
1,2-Dibromoethane (EDB)		25.0	1.0	0.73	ug/L	24.7	99	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	24.3	97	77-120			

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/07/10 (Lab Number:10G0303-BS1, Batch: 10G0303)											
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	24.1	96	75-127			
1,2-Dichloroethene, Total		50.0	2.0	0.70	ug/L	50.3	101	72-124			
1,2-Dichloropropane		25.0	1.0	0.72	ug/L	24.1	96	76-120			
1,3-Dichlorobenzene		25.0	1.0	0.78	ug/L	24.6	98	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.84	ug/L	24.7	99	75-120			
2-Butanone (MEK)		125	10	1.3	ug/L	118	94	57-140			
2-Hexanone		125	5.0	1.2	ug/L	121	96	65-127			
4-Methyl-2-pentanone (MIBK)		125	5.0	2.1	ug/L	121	97	71-125			
Acetone		125	10	3.0	ug/L	113	90	56-142			
Benzene		25.0	1.0	0.41	ug/L	25.0	100	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	24.8	99	80-122			
Bromoform		25.0	1.0	0.26	ug/L	24.3	97	66-128			
Bromomethane		25.0	1.0	0.69	ug/L	24.8	99	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	25.6	103	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	25.6	102	72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	25.0	100	72-120			
Chlorodibromomethane		25.0	1.0	0.32	ug/L	24.8	99	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	25.4	102	69-136			
Chloroform		25.0	1.0	0.34	ug/L	24.9	100	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	25.2	101	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	24.8	99	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	24.4	98	74-124			
Cyclohexane		25.0	1.0	0.18	ug/L	26.2	105	70-130			
Dichlorodifluoromethane		25.0	1.0	0.68	ug/L	25.3	101	33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	25.4	102	77-123			
Isopropylbenzene		25.0	1.0	0.79	ug/L	25.3	101	77-122			
Methyl Acetate		25.0	1.0	0.50	ug/L	23.3	93	60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	24.6	98	64-127			
Methylcyclohexane		25.0	1.0	0.16	ug/L	26.6	106	60-140			
Methylene Chloride		25.0	1.0	0.44	ug/L	23.2	93	57-132			
Styrene		25.0	1.0	0.73	ug/L	25.2	101	70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	25.6	102	74-122			
Toluene		25.0	1.0	0.51	ug/L	24.8	99	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	25.5	102	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	24.5	98	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	25.4	102	74-123			
Trichlorofluoromethane		25.0	1.0	0.88	ug/L	26.2	105	62-152			

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/07/10 (Lab Number:10G0303-BS1, Batch: 10G0303)											
Vinyl chloride		25.0	1.0	0.90	ug/L	26.5	106	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	75.8	101	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*92*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*96*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*98*	*71-126*			

Chain of Custody Record

Temperature on Receipt: _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-412a (1007)

Client: Arcadis	Project Manager: Jeff Bonsteel	Date: 7/1/10 7/2/10	Chain of Custody Number: 126040
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 514-452-7426 x 19	Lab Number:	Page 1 of 2
City: Albany / State: NY / Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Candice Fox	
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: UPS FEDEX		
Contract/Purchase Order/Quote No.: NJ001018.0201.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): VOCs	Special Instructions/ Conditions of Receipt
WL-7 (10→12')	7/1/10	1330		X						3			X	
WL-7 (24→26)	7/1/10	1555		X						3			X	
WL-7 (38→40)	7/1/10	1570		X						3			X	
WL-1 (7→9)	7/2/10	9:42		X						3			X	
WL-1 (11-13)	7/2/10	9:32		X						3			X	
WL-1 (23-25)	7/2/10	1041		X						3			X	
WL-1 (30-32)	7/2/10	1029		X						3			X	
WL-2 (8-10)	7/2/10	1140		X						3			X	
WL-2 (12-14)	7/2/10	1157		X						3			X	
WL-2 (26-28)	7/2/10	1333		X						3			X	
WL-2 (30-32)	7/2/10	1349		X						3			X	
WL-3 (10-12)	7/2/10	1450		X						3			X	

54/309

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Ricardo Jaimes	7/2/10	18:59	1. Received By:	7/3/10	0935
2. Relinquished By:	Date	Time	2. Received By:	Date	Time
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments: Please Report Results to J. Bonsteel

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ARCADIS	Project Manager: Jeff Bonstedt	Date: 7/2/10	Chain of Custody Number: 126088
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x19	Lab Number:	Page 2 of 2
City: Albany State: NY Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Candice Fey	Analysis (Attach list if more space is needed)
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: FEDEX		
Contract/Purchase Order/Quote No.: NJ001018.0001.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	JOCS	Special Instructions/ Conditions of Receipt
WL-3 (24-26)	7/2/10	1508		X						3			X	
WL-3 (30-32)	7/2/10	1540		X						3			X	
WL-3 (30-32) MS	7/2/10	1540		X						3			X	
WL-3 (30-32) MSD	7/2/10	1540		X						3			X	
DUP070210	7/2/10	—		X						3			X	
TRIP BLANK	7/2/10	—		X						3			X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Ricardo James	7/2/10	12:59	1. Received By:	7/3/10	0930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Please report Results to J. Bonstedt

20

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample, PINK - Field Copy

55/309

TestAmerica Buffalo
SDG:
CLASS: VOA
METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Client Sample Id:	Lab Sample Id:
WL-7 (10-12)	RTG0521-01
WL-7 (24-26)	RTG0521-02
WL-7 (38-40)	RTG0521-03
WL-1 (7-9)	RTG0521-04
WL-1 (11-13)	RTG0521-05
WL-1 (23-25)	RTG0521-06
WL-1 (30-32)	RTG0521-07
WL-2 (8-10)	RTG0521-08
WL-2 (12-14)	RTG0521-09
WL-2 (26-28)	RTG0521-10
WL-2 (30-32)	RTG0521-11
WL-3 (10-12)	RTG0521-12
WL-3 (24-26)	RTG0521-13
WL-3 (30-32)	RTG0521-14
DUP070210	RTG0521-17
TRIP BLANK	RTG0521-18

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10G0253-BLK1)			Lab File ID: J5803.D		Analyzed: 07/06/10 15:33			
1,2-Dichloroethane-d4	25.0	94	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	100	71 - 126	5.77	5.77	0.0000	+/-1.0	
LCS (10G0253-BS1)			Lab File ID: J5802.D		Analyzed: 07/06/10 15:11			
1,2-Dichloroethane-d4	25.0	95	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	100	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	101	71 - 126	5.77	5.77	0.0000	+/-1.0	
Matrix Spike (10G0253-MS1)			Lab File ID: J5818.D		Analyzed: 07/06/10 21:05			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	96	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	
Matrix Spike Dup (10G0253-MSD1)			Lab File ID: J5819.D		Analyzed: 07/06/10 21:27			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	95	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-7 (10-12) (RTG0521-01)			Lab File ID: J5804.D		Analyzed: 07/06/10 15:58			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	93	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	98	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-7 (24-26) (RTG0521-02)			Lab File ID: J5805.D		Analyzed: 07/06/10 16:20			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-7 (38-40) (RTG0521-03)			Lab File ID: J5806.D		Analyzed: 07/06/10 16:43			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-1 (7-9) (RTG0521-04)			Lab File ID: J5807.D		Analyzed: 07/06/10 17:04			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	96	71 - 126	5.77	5.77	0.0000	+/-1.0	

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
WL-1 (11-13) (RTG0521-05)			Lab File ID: J5808.D		Analyzed: 07/06/10 17:26			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	94	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-1 (23-25) (RTG0521-06)			Lab File ID: J5809.D		Analyzed: 07/06/10 17:48			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	91	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	94	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-1 (30-32) (RTG0521-07)			Lab File ID: J5810.D		Analyzed: 07/06/10 18:10			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	96	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-2 (8-10) (RTG0521-08)			Lab File ID: J5811.D		Analyzed: 07/06/10 18:32			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	93	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	94	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-2 (12-14) (RTG0521-09)			Lab File ID: J5812.D		Analyzed: 07/06/10 18:53			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	94	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-2 (26-28) (RTG0521-10)			Lab File ID: J5813.D		Analyzed: 07/06/10 19:15			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	95	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-2 (30-32) (RTG0521-11)			Lab File ID: J5814.D		Analyzed: 07/06/10 19:37			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	93	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	95	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-3 (10-12) (RTG0521-12)			Lab File ID: J5815.D		Analyzed: 07/06/10 19:59			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	95	71 - 126	5.77	5.77	0.0000	+/-1.0	

Form 2

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
WL-3 (24-26) (RTG0521-13)			Lab File ID: J5816.D		Analyzed: 07/06/10 20:21			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.51	4.504	0.0060	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	96	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-3 (30-32) (RTG0521-14)			Lab File ID: J5817.D		Analyzed: 07/06/10 20:43			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	7.76	7.764	-0.0040	+/-1.0	
Toluene-d8	25.0	93	71 - 126	5.77	5.77	0.0000	+/-1.0	
DUP070210 (RTG0521-17)			Lab File ID: J5820.D		Analyzed: 07/06/10 21:49			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	94	71 - 126	5.77	5.77	0.0000	+/-1.0	
TRIP BLANK (RTG0521-18)			Lab File ID: J5821.D		Analyzed: 07/06/10 22:11			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	91	71 - 126	5.77	5.77	0.0000	+/-1.0	

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002997	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10G0303-BLK1)			Lab File ID: J5829.D		Analyzed: 07/07/10 10:14			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	95	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	96	71 - 126	5.77	5.77	0.0000	+/-1.0	
LCS (10G0303-BS1)			Lab File ID: J5828.D		Analyzed: 07/07/10 09:51			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	96	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	98	71 - 126	5.77	5.77	0.0000	+/-1.0	
WL-7 (10-12) (RTG0521-01RE1)			Lab File ID: J5831.D		Analyzed: 07/07/10 11:03			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.5	4.504	-0.0040	+/-1.0	
4-Bromofluorobenzene	25.0	94	73 - 120	7.77	7.764	0.0060	+/-1.0	
Toluene-d8	25.0	97	71 - 126	5.77	5.77	0.0000	+/-1.0	

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	24.8	99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	ug/L	25.0	100	70 - 126
1,1,2-Trichloroethane	25.0	ug/L	24.9	100	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	ug/L	25.9	103	60 - 140
1,1-Dichloroethane	25.0	ug/L	24.5	98	71 - 129
1,1-Dichloroethene	25.0	ug/L	24.8	99	65 - 138
1,2,4-Trichlorobenzene	25.0	ug/L	25.2	101	70 - 122
1,2-Dibromo-3-chloropropane	25.0	ug/L	25.0	100	56 - 134
1,2-Dibromoethane (EDB)	25.0	ug/L	25.2	101	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	24.7	99	77 - 120
1,2-Dichloroethane	25.0	ug/L	24.8	99	75 - 127
1,2-Dichloroethene, Total	50.0	ug/L	50.2	100	72 - 124
1,2-Dichloropropane	25.0	ug/L	24.7	99	76 - 120
1,3-Dichlorobenzene	25.0	ug/L	24.8	99	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	24.7	99	75 - 120
2-Butanone (MEK)	125	ug/L	126	100	57 - 140
2-Hexanone	125	ug/L	130	104	65 - 127
4-Methyl-2-pentanone (MIBK)	125	ug/L	128	103	71 - 125
Acetone	125	ug/L	122	97	56 - 142
Benzene	25.0	ug/L	24.8	99	71 - 124
Bromodichloromethane	25.0	ug/L	24.9	100	80 - 122
Bromoform	25.0	ug/L	25.3	101	66 - 128
Bromomethane	25.0	ug/L	26.4	106	36 - 150
Carbon disulfide	25.0	ug/L	25.2	101	59 - 134
Carbon Tetrachloride	25.0	ug/L	25.2	101	72 - 134
Chlorobenzene	25.0	ug/L	25.3	101	72 - 120
Chlorodibromomethane	25.0	ug/L	25.4	102	75 - 125
Chloroethane	25.0	ug/L	23.6	94	69 - 136
Chloroform	25.0	ug/L	24.7	99	73 - 127
Chloromethane	25.0	ug/L	23.4	94	49 - 142

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
cis-1,2-Dichloroethene	25.0	ug/L	25.1	100	74 - 124
cis-1,3-Dichloropropene	25.0	ug/L	25.1	100	74 - 124
Cyclohexane	25.0	ug/L	25.6	103	70 - 130
Dichlorodifluoromethane	25.0	ug/L	25.1	100	33 - 157
Ethylbenzene	25.0	ug/L	25.0	100	77 - 123
Isopropylbenzene	25.0	ug/L	24.7	99	77 - 122
Methyl Acetate	25.0	ug/L	23.8	95	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	25.3	101	64 - 127
Methylcyclohexane	25.0	ug/L	26.0	104	60 - 140
Methylene Chloride	25.0	ug/L	23.2	93	57 - 132
Styrene	25.0	ug/L	25.4	102	70 - 130
Tetrachloroethene	25.0	ug/L	25.2	101	74 - 122
Toluene	25.0	ug/L	24.7	99	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	25.1	101	73 - 127
trans-1,3-Dichloropropene	25.0	ug/L	25.7	103	72 - 123
Trichloroethene	25.0	ug/L	24.8	99	74 - 123
Trichlorofluoromethane	25.0	ug/L	25.0	100	62 - 152
Vinyl chloride	25.0	ug/L	24.3	97	65 - 133
Xylenes, total	75.0	ug/L	75.7	101	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0303	Laboratory ID:	10G0303-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	25.9	104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	ug/L	23.6	94	70 - 126
1,1,2-Trichloroethane	25.0	ug/L	24.7	99	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	ug/L	26.6	107	60 - 140
1,1-Dichloroethane	25.0	ug/L	24.8	99	71 - 129
1,1-Dichloroethene	25.0	ug/L	25.7	103	65 - 138
1,2,4-Trichlorobenzene	25.0	ug/L	24.7	99	70 - 122
1,2-Dibromo-3-chloropropane	25.0	ug/L	23.1	92	56 - 134
1,2-Dibromoethane (EDB)	25.0	ug/L	24.7	99	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	24.3	97	77 - 120
1,2-Dichloroethane	25.0	ug/L	24.1	96	75 - 127
1,2-Dichloroethene, Total	50.0	ug/L	50.3	101	72 - 124
1,2-Dichloropropane	25.0	ug/L	24.1	96	76 - 120
1,3-Dichlorobenzene	25.0	ug/L	24.6	98	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	24.7	99	75 - 120
2-Butanone (MEK)	125	ug/L	118	94	57 - 140
2-Hexanone	125	ug/L	121	96	65 - 127
4-Methyl-2-pentanone (MIBK)	125	ug/L	121	97	71 - 125
Acetone	125	ug/L	113	90	56 - 142
Benzene	25.0	ug/L	25.0	100	71 - 124
Bromodichloromethane	25.0	ug/L	24.8	99	80 - 122
Bromoform	25.0	ug/L	24.3	97	66 - 128
Bromomethane	25.0	ug/L	24.8	99	36 - 150
Carbon disulfide	25.0	ug/L	25.6	103	59 - 134
Carbon Tetrachloride	25.0	ug/L	25.6	102	72 - 134
Chlorobenzene	25.0	ug/L	25.0	100	72 - 120
Chlorodibromomethane	25.0	ug/L	24.8	99	75 - 125
Chloroethane	25.0	ug/L	25.4	102	69 - 136
Chloroform	25.0	ug/L	24.9	100	73 - 127
Chloromethane	25.0	ug/L	25.2	101	49 - 142

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0303	Laboratory ID:	10G0303-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
cis-1,2-Dichloroethene	25.0	ug/L	24.8	99	74 - 124
cis-1,3-Dichloropropene	25.0	ug/L	24.4	98	74 - 124
Cyclohexane	25.0	ug/L	26.2	105	70 - 130
Dichlorodifluoromethane	25.0	ug/L	25.3	101	33 - 157
Ethylbenzene	25.0	ug/L	25.4	102	77 - 123
Isopropylbenzene	25.0	ug/L	25.3	101	77 - 122
Methyl Acetate	25.0	ug/L	23.3	93	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	24.6	98	64 - 127
Methylcyclohexane	25.0	ug/L	26.6	106	60 - 140
Methylene Chloride	25.0	ug/L	23.2	93	57 - 132
Styrene	25.0	ug/L	25.2	101	70 - 130
Tetrachloroethene	25.0	ug/L	25.6	102	74 - 122
Toluene	25.0	ug/L	24.8	99	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	25.5	102	73 - 127
trans-1,3-Dichloropropene	25.0	ug/L	24.5	98	72 - 123
Trichloroethene	25.0	ug/L	25.4	102	74 - 123
Trichlorofluoromethane	25.0	ug/L	26.2	105	62 - 152
Vinyl chloride	25.0	ug/L	26.5	106	65 - 133
Xylenes, total	75.0	ug/L	75.8	101	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 3

WL-3 (30-32)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	*SDG:*	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	*Spike standard:*	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-MS1
Preparation:	5030B MS	*Initial/Final:*	5 mL / 5 mL

Source Sample Name: WL-3 (30-32)

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	ND	23.7	95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	ug/L	ND	20.9	84	70 - 126
1,1,2-Trichloroethane	25.0	ug/L	ND	22.0	88	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	ug/L	ND	20.2	81	60 - 140
1,1-Dichloroethane	25.0	ug/L	ND	22.7	91	71 - 129
1,1-Dichloroethene	25.0	ug/L	ND	23.3	93	65 - 138
1,2,4-Trichlorobenzene	25.0	ug/L	ND	21.2	85	70 - 122
1,2-Dibromo-3-chloropropane	25.0	ug/L	ND	20.0	80	56 - 134
1,2-Dibromoethane (EDB)	25.0	ug/L	ND	22.1	88	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	ND	21.6	86	77 - 120
1,2-Dichloroethane	25.0	ug/L	ND	21.8	87	75 - 127
1,2-Dichloroethene, Total	50.0	ug/L	ND	46.8	94	72 - 124
1,2-Dichloropropane	25.0	ug/L	ND	22.1	88	76 - 120
1,3-Dichlorobenzene	25.0	ug/L	ND	22.1	88	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	ND	21.7	87	75 - 120
2-Butanone (MEK)	125	ug/L	2.55	103	81	57 - 140
2-Hexanone	125	ug/L	ND	106	84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	ug/L	ND	106	85	71 - 125
Acetone	125	ug/L	17.1	111	75	56 - 142
Benzene	25.0	ug/L	ND	23.0	92	71 - 124
Bromodichloromethane	25.0	ug/L	ND	20.6	82	80 - 122
Bromoform	25.0	ug/L	ND	18.0	72	66 - 128
Bromomethane	25.0	ug/L	ND	19.4	77	36 - 150
Carbon disulfide	25.0	ug/L	ND	17.4	69	59 - 134
Carbon Tetrachloride	25.0	ug/L	ND	22.2	89	72 - 134
Chlorobenzene	25.0	ug/L	ND	22.7	91	72 - 120
Chlorodibromomethane	25.0	ug/L	ND	19.4	77	75 - 125
Chloroethane	25.0	ug/L	ND	23.1	92	69 - 136
Chloroform	25.0	ug/L	ND	22.8	91	73 - 127
Chloromethane	25.0	ug/L	ND	23.0	92	49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	ND	23.2	93	74 - 124
cis-1,3-Dichloropropene	25.0	ug/L	ND	19.9	80	74 - 124

Form 3

WL-3 (30-32)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-MS1
Preparation:	5030B MS	*Initial/Final:*	5 mL / 5 mL

Source Sample Name: WL-3 (30-32)

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
Cyclohexane	25.0	ug/L	ND	20.5	82	70 - 130
Dichlorodifluoromethane	25.0	ug/L	ND	20.3	81	33 - 157
Ethylbenzene	25.0	ug/L	ND	23.1	93	77 - 123
Isopropylbenzene	25.0	ug/L	ND	22.7	91	77 - 122
Methyl Acetate	25.0	ug/L	ND	20.6	82	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	ND	21.4	86	64 - 127
Methylcyclohexane	25.0	ug/L	ND	19.5	78	60 - 140
Methylene Chloride	25.0	ug/L	ND	20.9	84	57 - 132
Styrene	25.0	ug/L	ND	22.9	91	70 - 130
Tetrachloroethene	25.0	ug/L	ND	22.5	90	74 - 122
Toluene	25.0	ug/L	ND	23.0	92	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	ND	23.6	94	73 - 127
trans-1,3-Dichloropropene	25.0	ug/L	ND	19.9	79	72 - 123
Trichloroethene	25.0	ug/L	9.46	25.5	64 *	74 - 123
Trichlorofluoromethane	25.0	ug/L	ND	21.9	88	62 - 152
Vinyl chloride	25.0	ug/L	ND	23.8	95	65 - 133
Xylenes, total	75.0	ug/L	ND	68.3	91	76 - 122

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	27.6	110	15	15	73 - 126
1,1,2,2-Tetrachloroethane	25.0	ug/L	30.8	123	38 *	15	70 - 126
1,1,2-Trichloroethane	25.0	ug/L	30.2	121	31 *	15	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	ug/L	25.6	102	23 *	20	60 - 140
1,1-Dichloroethane	25.0	ug/L	28.4	113	22 *	20	71 - 129
1,1-Dichloroethene	25.0	ug/L	26.5	106	13	16	65 - 138
1,2,4-Trichlorobenzene	25.0	ug/L	28.8	115	30 *	20	70 - 122
1,2-Dibromo-3-chloropropane	25.0	ug/L	29.8	119	40 *	15	56 - 134
1,2-Dibromoethane (EDB)	25.0	ug/L	30.6	122 *	32 *	15	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	28.8	115	29 *	20	77 - 120
1,2-Dichloroethane	25.0	ug/L	30.0	120	32 *	20	75 - 127
1,2-Dichloroethene, Total	50.0	ug/L	57.9	116	21 *	20	72 - 124
1,2-Dichloropropane	25.0	ug/L	29.0	116	27 *	20	76 - 120

Form 3

WL-3 (30-32)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: WL-3 (30-32)

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,3-Dichlorobenzene	25.0	ug/L	28.2	113	24 *	20	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	28.4	114	27 *	20	75 - 120
2-Butanone (MEK)	125	ug/L	154	121	40 *	20	57 - 140
2-Hexanone	125	ug/L	150	120	35 *	15	65 - 127
4-Methyl-2-pentanone (MIBK)	125	ug/L	154	123	37 *	35	71 - 125
Acetone	125	ug/L	180	130	48 *	15	56 - 142
Benzene	25.0	ug/L	28.8	115	22 *	13	71 - 124
Bromodichloromethane	25.0	ug/L	27.4	110	29 *	15	80 - 122
Bromoform	25.0	ug/L	26.1	105	37 *	15	66 - 128
Bromomethane	25.0	ug/L	30.0	120	43 *	15	36 - 150
Carbon disulfide	25.0	ug/L	19.8	79	13	15	59 - 134
Carbon Tetrachloride	25.0	ug/L	25.4	102	14	15	72 - 134
Chlorobenzene	25.0	ug/L	28.4	113	22	25	72 - 120
Chlorodibromomethane	25.0	ug/L	26.8	107	32 *	15	75 - 125
Chloroethane	25.0	ug/L	26.8	107	15	15	69 - 136
Chloroform	25.0	ug/L	29.2	117	25 *	20	73 - 127
Chloromethane	25.0	ug/L	27.5	110	18 *	15	49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	29.6	118	24 *	15	74 - 124
cis-1,3-Dichloropropene	25.0	ug/L	27.1	108	30 *	15	74 - 124
Cyclohexane	25.0	ug/L	24.9	100	19	20	70 - 130
Dichlorodifluoromethane	25.0	ug/L	24.7	99	20	20	33 - 157
Ethylbenzene	25.0	ug/L	27.6	110	18 *	15	77 - 123
Isopropylbenzene	25.0	ug/L	27.6	110	20	20	77 - 122
Methyl Acetate	25.0	ug/L	31.3	125	41 *	20	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	30.8	123	36	37	64 - 127
Methylcyclohexane	25.0	ug/L	25.0	100	25 *	20	60 - 140
Methylene Chloride	25.0	ug/L	28.3	113	30 *	15	57 - 132
Styrene	25.0	ug/L	28.8	115	23 *	20	70 - 130
Tetrachloroethene	25.0	ug/L	26.6	106	16	20	74 - 122
Toluene	25.0	ug/L	28.0	112	20 *	15	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	28.3	113	18	20	73 - 127
trans-1,3-Dichloropropene	25.0	ug/L	27.3	109	31 *	15	72 - 123
Trichloroethene	25.0	ug/L	37.8	113	39 *	16	74 - 123

Form 3

WL-3 (30-32)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08491
Batch:	10G0253	Laboratory ID:	10G0253-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: WL-3 (30-32)

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichlorofluoromethane	25.0	ug/L	25.6	102	15	20	62 - 152
Vinyl chloride	25.0	ug/L	26.4	105	10	15	65 - 133
Xylenes, total	75.0	ug/L	83.8	112	20 *	16	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Batch: 10G0253 Batch Matrix: Water Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10G0253-BLK1	5.00 mL	5.00 mL	07/06/10 14:30	N/A
LCS	10G0253-BS1	5.00 mL	5.00 mL	07/06/10 14:30	N/A
WL-3 (30-32)	10G0253-MS1	5.00 mL	5.00 mL	07/06/10 14:30	N/A
WL-3 (30-32)	10G0253-MSD1	5.00 mL	5.00 mL	07/06/10 14:30	N/A
WL-7 (10-12)	RTG0521-01	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-7 (24-26)	RTG0521-02	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-7 (38-40)	RTG0521-03	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-1 (7-9)	RTG0521-04	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-1 (11-13)	RTG0521-05	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-1 (23-25)	RTG0521-06	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-1 (30-32)	RTG0521-07	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-2 (8-10)	RTG0521-08	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-2 (12-14)	RTG0521-09	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-2 (26-28)	RTG0521-10	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-2 (30-32)	RTG0521-11	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-3 (10-12)	RTG0521-12	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-3 (24-26)	RTG0521-13	5.00 mL	5.00 mL	07/06/10 15:17	N/A
WL-3 (30-32)	RTG0521-14	5.00 mL	5.00 mL	07/06/10 15:17	N/A
DUP070210	RTG0521-17	5.00 mL	5.00 mL	07/06/10 15:17	N/A
TRIP BLANK	RTG0521-18	5.00 mL	5.00 mL	07/06/10 15:17	N/A

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Batch: 10G0303 Batch Matrix: Water Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10G0303-BLK1	5.00 mL	5.00 mL	07/07/10 08:51	N/A
LCS	10G0303-BS1	5.00 mL	5.00 mL	07/07/10 08:51	N/A
WL-7 (10-12)	RTG0521-01RE1	5.00 mL	5.00 mL	07/07/10 08:51	N/A

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	J5791.D	Injection Date:	07/06/10
Instrument ID:	HP5973J	Injection Time:	10:13
Sequence:	T002973	Lab Sample ID:	T002973-TUN1
Calibration:	R10G020		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.191	PASS
75	30 - 60% of 95	44.748	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	5.642	PASS
173	Less than 2% of 174	0.99108	PASS
174	50 - 100% of 95	79.552	PASS
175	5 - 9% of 174	6.9272	PASS
176	95 - 101% of 174	96.183	PASS
177	5 - 9% of 176	6.3815	PASS

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002973	Instrument:	HP5973J
Calibration:	R10G020		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
RT07814	BFB Working Standard	T002973-TUN1	J5791.D	07/06/10 10:13
RT08486	J 8260 CAL2 7/6/10	T002973-CAL2	J5793.D	07/06/10 11:55
RT08487	J 8260 CAL3 7/6/10	T002973-CAL3	J5794.D	07/06/10 12:17
RT08488	J 8260 CAL4 7/6/10	T002973-CAL4	J5795.D	07/06/10 12:40
RT08489	J 8260 CAL5 7/6/10	T002973-CAL5	J5796.D	07/06/10 13:01
RT08485	J 8260 CAL1 7/6/10	T002973-CAL1	J5798.D	07/06/10 13:49

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	J5800.D	Injection Date:	07/06/10
Instrument ID:	HP5973J	Injection Time:	14:37
Sequence:	T002985	Lab Sample ID:	T002985-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.175	PASS
75	30 - 60% of 95	45.604	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.8996	PASS
173	Less than 2% of 174	0.63565	PASS
174	50 - 100% of 95	81.081	PASS
175	5 - 9% of 174	7.2133	PASS
176	95 - 101% of 174	95.524	PASS
177	5 - 9% of 176	6.478	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
		Calibration:	R10G020

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T002985-TUN1	J5800.D	07/06/10 14:37
Calibration Check	T002985-CCV1	J5801.D	07/06/10 14:49
LCS	10G0253-BS1	J5802.D	07/06/10 15:11
Blank	10G0253-BLK1	J5803.D	07/06/10 15:33
WL-7 (10-12)	RTG0521-01	J5804.D	07/06/10 15:58
WL-7 (24-26)	RTG0521-02	J5805.D	07/06/10 16:20
WL-7 (38-40)	RTG0521-03	J5806.D	07/06/10 16:43
WL-1 (7-9)	RTG0521-04	J5807.D	07/06/10 17:04
WL-1 (11-13)	RTG0521-05	J5808.D	07/06/10 17:26
WL-1 (23-25)	RTG0521-06	J5809.D	07/06/10 17:48
WL-1 (30-32)	RTG0521-07	J5810.D	07/06/10 18:10
WL-2 (8-10)	RTG0521-08	J5811.D	07/06/10 18:32
WL-2 (12-14)	RTG0521-09	J5812.D	07/06/10 18:53
WL-2 (26-28)	RTG0521-10	J5813.D	07/06/10 19:15
WL-2 (30-32)	RTG0521-11	J5814.D	07/06/10 19:37
WL-3 (10-12)	RTG0521-12	J5815.D	07/06/10 19:59
WL-3 (24-26)	RTG0521-13	J5816.D	07/06/10 20:21
WL-3 (30-32)	RTG0521-14	J5817.D	07/06/10 20:43
WL-3 (30-32)	10G0253-MS1	J5818.D	07/06/10 21:05
WL-3 (30-32)	10G0253-MSD1	J5819.D	07/06/10 21:27
DUP070210	RTG0521-17	J5820.D	07/06/10 21:49
TRIP BLANK	RTG0521-18	J5821.D	07/06/10 22:11

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	J5826.D	Injection Date:	07/07/10
Instrument ID:	HP5973J	Injection Time:	09:16
Sequence:	T002997	Lab Sample ID:	T002997-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.573	PASS
75	30 - 60% of 95	46.988	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.2339	PASS
173	Less than 2% of 174	0.93062	PASS
174	50 - 100% of 95	82.841	PASS
175	5 - 9% of 174	7.55	PASS
176	95 - 101% of 174	100.09	PASS
177	5 - 9% of 176	5.4287	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002997	Instrument:	HP5973J
		Calibration:	R10G020

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T002997-TUN1	J5826.D	07/07/10 09:16
Calibration Check	T002997-CCV1	J5827.D	07/07/10 09:29
LCS	10G0303-BS1	J5828.D	07/07/10 09:51
Blank	10G0303-BLK1	J5829.D	07/07/10 10:14
WL-7 (10-12)	RTG0521-01RE1	J5831.D	07/07/10 11:03

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T002985-CCV1)			Lab File ID: J5801.D			Analyzed: 07/06/10 14:49			
1,4-Dichlorobenzene-d4	505586	8.71				50 - 200		+/-0.50	
1,4-Difluorobenzene	942126	4.75				50 - 200		+/-0.50	
Chlorobenzene-d5	862320	6.86				50 - 200		+/-0.50	
LCS (10G0253-BS1)			Lab File ID: J5802.D			Analyzed: 07/06/10 15:11			
1,4-Dichlorobenzene-d4	503476	8.71	505586	8.71	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	936593	4.76	942126	4.75	99	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	848100	6.86	862320	6.86	98	50 - 200	0.0000	+/-0.50	
Blank (10G0253-BLK1)			Lab File ID: J5803.D			Analyzed: 07/06/10 15:33			
1,4-Dichlorobenzene-d4	488852	8.71	505586	8.71	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	930573	4.75	942126	4.75	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	841969	6.86	862320	6.86	98	50 - 200	0.0000	+/-0.50	
WL-7 (10-12) (RTG0521-01)			Lab File ID: J5804.D			Analyzed: 07/06/10 15:58			
1,4-Dichlorobenzene-d4	502887	8.71	505586	8.71	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	963346	4.75	942126	4.75	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	871901	6.86	862320	6.86	101	50 - 200	0.0000	+/-0.50	
WL-7 (24-26) (RTG0521-02)			Lab File ID: J5805.D			Analyzed: 07/06/10 16:20			
1,4-Dichlorobenzene-d4	500605	8.71	505586	8.71	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	942076	4.76	942126	4.75	100	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	857893	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-7 (38-40) (RTG0521-03)			Lab File ID: J5806.D			Analyzed: 07/06/10 16:43			
1,4-Dichlorobenzene-d4	489194	8.71	505586	8.71	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	937286	4.76	942126	4.75	99	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	849172	6.86	862320	6.86	98	50 - 200	0.0000	+/-0.50	
WL-1 (7-9) (RTG0521-04)			Lab File ID: J5807.D			Analyzed: 07/06/10 17:04			
1,4-Dichlorobenzene-d4	491005	8.71	505586	8.71	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	941225	4.75	942126	4.75	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	857178	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-1 (11-13) (RTG0521-05)			Lab File ID: J5808.D			Analyzed: 07/06/10 17:26			
1,4-Dichlorobenzene-d4	507777	8.71	505586	8.71	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	969018	4.75	942126	4.75	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	877062	6.86	862320	6.86	102	50 - 200	0.0000	+/-0.50	
WL-1 (23-25) (RTG0521-06)			Lab File ID: J5809.D			Analyzed: 07/06/10 17:48			
1,4-Dichlorobenzene-d4	501136	8.71	505586	8.71	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	962345	4.75	942126	4.75	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	868133	6.86	862320	6.86	101	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Sequence: T002985
Instrument: HP5973J
Matrix: Water
Calibration: R10G020

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
WL-1 (30-32) (RTG0521-07)			Lab File ID: J5810.D			Analyzed: 07/06/10 18:10			
1,4-Dichlorobenzene-d4	487239	8.71	505586	8.71	96	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	927986	4.75	942126	4.75	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	839341	6.86	862320	6.86	97	50 - 200	0.0000	+/-0.50	
WL-2 (8-10) (RTG0521-08)			Lab File ID: J5811.D			Analyzed: 07/06/10 18:32			
1,4-Dichlorobenzene-d4	494166	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	951795	4.75	942126	4.75	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	863208	6.86	862320	6.86	100	50 - 200	0.0000	+/-0.50	
WL-2 (12-14) (RTG0521-09)			Lab File ID: J5812.D			Analyzed: 07/06/10 18:53			
1,4-Dichlorobenzene-d4	497340	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	951726	4.75	942126	4.75	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	867208	6.86	862320	6.86	101	50 - 200	0.0000	+/-0.50	
WL-2 (26-28) (RTG0521-10)			Lab File ID: J5813.D			Analyzed: 07/06/10 19:15			
1,4-Dichlorobenzene-d4	495206	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	954583	4.75	942126	4.75	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	856687	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-2 (30-32) (RTG0521-11)			Lab File ID: J5814.D			Analyzed: 07/06/10 19:37			
1,4-Dichlorobenzene-d4	493628	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	944959	4.76	942126	4.75	100	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	856589	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-3 (10-12) (RTG0521-12)			Lab File ID: J5815.D			Analyzed: 07/06/10 19:59			
1,4-Dichlorobenzene-d4	491488	8.71	505586	8.71	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	935407	4.75	942126	4.75	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	849923	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-3 (24-26) (RTG0521-13)			Lab File ID: J5816.D			Analyzed: 07/06/10 20:21			
1,4-Dichlorobenzene-d4	489750	8.71	505586	8.71	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	942825	4.76	942126	4.75	100	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	855695	6.86	862320	6.86	99	50 - 200	0.0000	+/-0.50	
WL-3 (30-32) (RTG0521-14)			Lab File ID: J5817.D			Analyzed: 07/06/10 20:43			
1,4-Dichlorobenzene-d4	499191	8.71	505586	8.71	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	952668	4.75	942126	4.75	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	870259	6.86	862320	6.86	101	50 - 200	0.0000	+/-0.50	
Matrix Spike (10G0253-MS1)			Lab File ID: J5818.D			Analyzed: 07/06/10 21:05			
1,4-Dichlorobenzene-d4	509722	8.71	505586	8.71	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	957989	4.76	942126	4.75	102	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	863198	6.86	862320	6.86	100	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002985	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (10G0253-MSD1)			Lab File ID: J5819.D			Analyzed: 07/06/10 21:27			
1,4-Dichlorobenzene-d4	496101	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	942128	4.75	942126	4.75	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	865169	6.86	862320	6.86	100	50 - 200	0.0000	+/-0.50	
DUP070210 (RTG0521-17)			Lab File ID: J5820.D			Analyzed: 07/06/10 21:49			
1,4-Dichlorobenzene-d4	497042	8.71	505586	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	952296	4.75	942126	4.75	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	861219	6.86	862320	6.86	100	50 - 200	0.0000	+/-0.50	
TRIP BLANK (RTG0521-18)			Lab File ID: J5821.D			Analyzed: 07/06/10 22:11			
1,4-Dichlorobenzene-d4	499020	8.71	505586	8.71	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	957018	4.75	942126	4.75	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	858710	6.86	862320	6.86	100	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002997	Instrument:	HP5973J
Matrix:	Water	Calibration:	R10G020

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T002997-CCV1)			Lab File ID: J5827.D			Analyzed: 07/07/10 09:29			
1,4-Dichlorobenzene-d4	500268	8.71				50 - 200		+/-0.50	
1,4-Difluorobenzene	927017	4.75				50 - 200		+/-0.50	
Chlorobenzene-d5	861317	6.86				50 - 200		+/-0.50	
LCS (10G0303-BS1)			Lab File ID: J5828.D			Analyzed: 07/07/10 09:51			
1,4-Dichlorobenzene-d4	507392	8.71	500268	8.71	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	958700	4.75	927017	4.75	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	865189	6.86	861317	6.86	100	50 - 200	0.0000	+/-0.50	
Blank (10G0303-BLK1)			Lab File ID: J5829.D			Analyzed: 07/07/10 10:14			
1,4-Dichlorobenzene-d4	489390	8.71	500268	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	947366	4.75	927017	4.75	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	859345	6.86	861317	6.86	100	50 - 200	0.0000	+/-0.50	
WL-7 (10-12) (RTG0521-01RE1)			Lab File ID: J5831.D			Analyzed: 07/07/10 11:03			
1,4-Dichlorobenzene-d4	489560	8.71	500268	8.71	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	943368	4.75	927017	4.75	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	852283	6.86	861317	6.86	99	50 - 200	0.0000	+/-0.50	

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5973J

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.82	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.21	1.0	ug/L
1,1,2-Trichloroethane	0.23	1.0	ug/L
1,1,2-Trichlorotrifluoroethane	0.31	1.0	ug/L
1,1-Dichloroethane	0.38	1.0	ug/L
1,1-Dichloroethene	0.29	1.0	ug/L
1,2,4-Trichlorobenzene	0.41	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.39	1.0	ug/L
1,2-Dibromoethane (EDB)	0.73	1.0	ug/L
1,2-Dichlorobenzene	0.79	1.0	ug/L
1,2-Dichloroethane	0.21	1.0	ug/L
1,2-Dichloroethene, Total	0.70	2.0	ug/L
1,2-Dichloropropane	0.72	1.0	ug/L
1,3-Dichlorobenzene	0.78	1.0	ug/L
1,4-Dichlorobenzene	0.84	1.0	ug/L
2-Butanone (MEK)	1.3	10	ug/L
2-Hexanone	1.2	5.0	ug/L
4-Methyl-2-pentanone (MIBK)	2.1	5.0	ug/L
Acetone	3.0	10	ug/L
Benzene	0.41	1.0	ug/L
Bromodichloromethane	0.39	1.0	ug/L
Bromoform	0.26	1.0	ug/L
Bromomethane	0.69	1.0	ug/L
Carbon disulfide	0.19	1.0	ug/L
Carbon Tetrachloride	0.27	1.0	ug/L
Chlorobenzene	0.75	1.0	ug/L
Chlorodibromomethane	0.32	1.0	ug/L
Chloroethane	0.32	1.0	ug/L
Chloroform	0.34	1.0	ug/L
Chloromethane	0.35	1.0	ug/L
cis-1,2-Dichloroethene	0.81	1.0	ug/L
cis-1,3-Dichloropropene	0.36	1.0	ug/L
Cyclohexane	0.18	1.0	ug/L
Dichlorodifluoromethane	0.68	1.0	ug/L
Ethylbenzene	0.74	1.0	ug/L
Isopropylbenzene	0.79	1.0	ug/L
Methyl Acetate	0.50	1.0	ug/L
Methyl tert-Butyl Ether	0.16	1.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5973J

Analyte	MDL	MRL	Units
Methylcyclohexane	0.16	1.0	ug/L
Methylene Chloride	0.44	1.0	ug/L
Styrene	0.73	1.0	ug/L
Tetrachloroethene	0.36	1.0	ug/L
Toluene	0.51	1.0	ug/L
trans-1,2-Dichloroethene	0.90	1.0	ug/L
trans-1,3-Dichloropropene	0.37	1.0	ug/L
Trichloroethene	0.46	1.0	ug/L
Trichlorofluoromethane	0.88	1.0	ug/L
Vinyl chloride	0.90	1.0	ug/L
Xylenes, total	0.66	2.0	ug/L

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-01 File ID: J5804.D

Sampled: 07/01/10 13:30 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 15:58

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	110	E
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	8.9	J
71-43-2	Benzene	1	2.0	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	110	E
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	0.97	J
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	0.66	J

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-01 File ID: J5804.D

Sampled: 07/01/10 13:30 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 15:58

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	0.91	J
108-88-3	Toluene	1	1.0	
156-60-5	trans-1,2-Dichloroethene	1	1.1	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	6.2	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	24	
1330-20-7	Xylenes, total	1	2.3	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.1	92	66 - 137	
4-Bromofluorobenzene	25.0	23.3	93	73 - 120	
Toluene-d8	25.0	24.4	98	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	502887	8.71	505586	8.71	
1,4-Difluorobenzene	963346	4.75	942126	4.75	
Chlorobenzene-d5	871901	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5804.D
Acq On : 6 Jul 2010 15:58
Operator : TRB
Sample : RTG0521-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

RA RE1 2x

STE 7/6/10

Quant Time: Jul 06 16:17:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	963346	25.00	ug/L	0.00 102.25%
42) CI20	Chlorobenzene-D5	6.86	117	871901	25.00	ug/L	0.00 101.11%
61) CI30	1,4-Dichlorobenzene-	8.71	152	502887	25.00	ug/L	0.00 99.47%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	383141	23.11	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		92.44%
43) CS05	Toluene-D8	5.77	98	1418721	24.42	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		97.68%
60) CS10	p-Bromofluorobenzene	7.77	174	417647	23.29	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		93.16%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.81	50	562	N.D.		
4) C020	Vinyl chloride	1.94	62	288541	23.91	ug/L	96
5) C015	Bromomethane	2.18	94	547	N.D.		
6) C025	Chloroethane	2.25	64	931	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.82	96	5325	N.D.		
9) C030	Methylene chloride	3.17	84	176	N.D.		
10) C040	Carbon disulfide	3.00	76	13168	N.D.		
11) C036	Acrolein	2.83	56	3045	N.D.		
12) C038	Acrylonitrile	3.33	53	88	N.D.		
13) C035	Acetone	2.86	43	41617	8.93	ug/L	95
14) C300	Acetonitrile	3.05	41	706	N.D.		
15) C276	Iodomethane	2.91	142	110	N.D.		
16) C291	1,1,2 Trichloro-1,	2.83	101	3128	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.32	96	17358	1.13	ug/L	92
19) C255	Methyl Acetate	3.02	43	730	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	2617	N.D.		
21) C125	Vinyl Acetate	3.58	43	1796	N.D.		
22) C051	2,2-Dichloropropan	3.97	77	81	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	1862619	111.16	ug/L	96
24) C272	Tetrahydrofuran	4.16	42	943	N.D.		
25) C222	Bromochloromethane	4.14	128	83	N.D.		
26) C060	Chloroform	4.16	83	493	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	4.30	117	105	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.53	78	128782	1.99	ug/L	96
32) C065	1,2-Dichloroethane	4.53	62	1838	N.D.		
33) C110	2-Butanone	3.97	43	5369	N.D.		
34) C256	Cyclohexane	4.32	56	23499	0.97	ug/L #	83
35) C150	Trichloroethene	4.95	95	97166	6.21	ug/L	90
36) C140	1,2-Dichloropropan	5.06	63	112	N.D.		
37) C278	Dibromomethane	5.17	93	102	N.D.		
38) C130	Bromodichlorometha	5.17	83	106	N.D.		
39) C161	2-Chloroethylvinyl	5.55	63	81	N.D.		
40) C012	Methylcycolhexane	5.06	83	18275	0.66	ug/L	88

MR 7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5804.D
Acq On : 6 Jul 2010 15:58
Operator : TRB
Sample : RTG0521-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 06 16:17:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

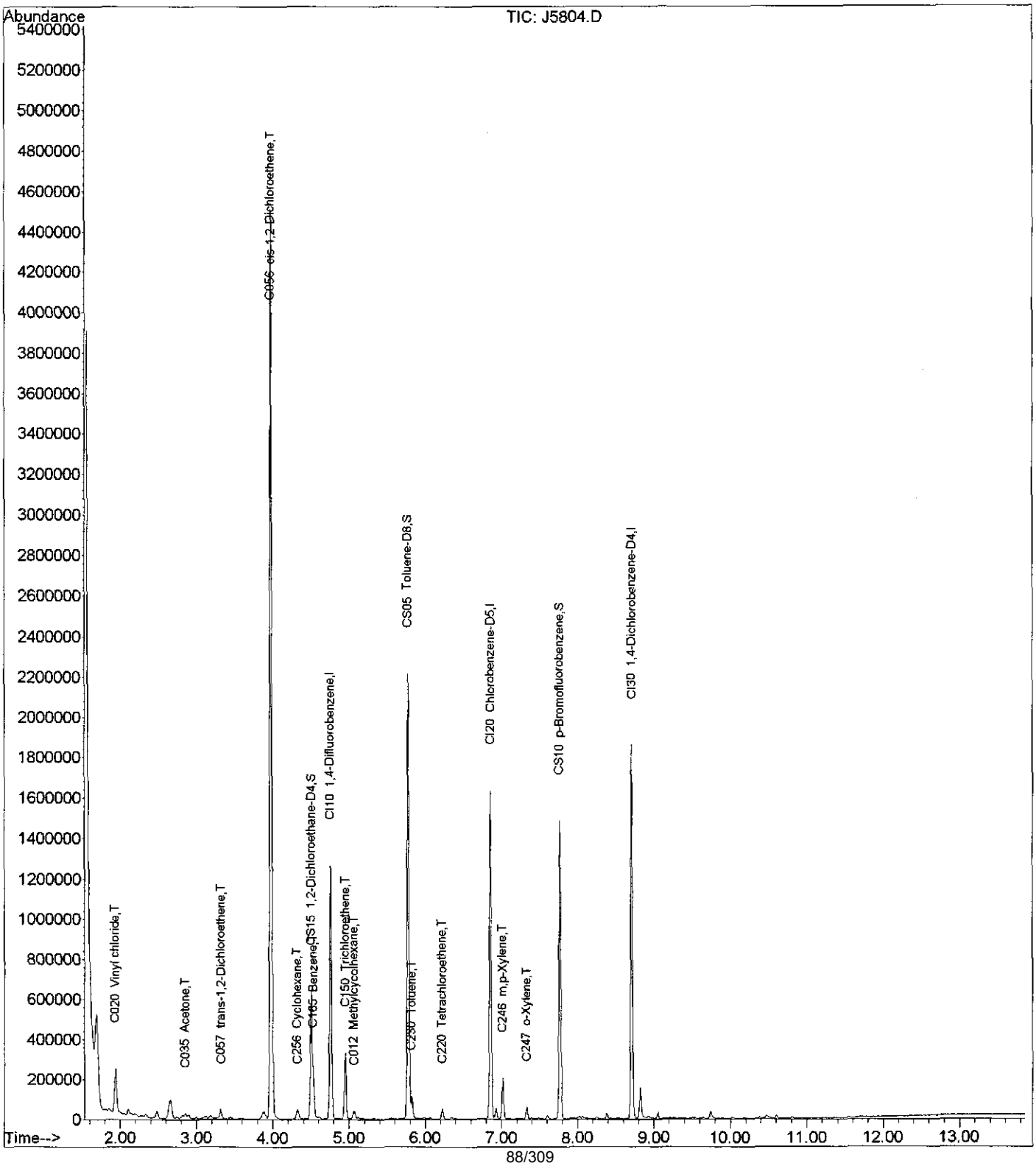
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.61	75	80	N.D.	
44) C230	Toluene	5.82	92	44603	1.05 ug/L	99
45) C170	trans-1,3-Dichloro	6.09	75	116	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	852	N.D.	
47) C160	1,1,2-Trichloroeth	6.13	83	81	N.D.	
48) C210	4-Methyl-2-pentano	5.67	43	1892	N.D.	
49) C220	Tetrachloroethene	6.22	166	15352	0.91 ug/L	90
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	929	N.D.	
54) C235	Chlorobenzene	6.87	112	707	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.93	91	32354	N.D.	
57) C246	m,p-Xylene	7.02	106	56383	1.78 ug/L	91
58) C247	o-Xylene	7.33	106	16926	0.55 ug/L	92
59) C245	Styrene	7.34	104	1697	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	12664	N.D.	
64) C301	Bromobenzene	7.78	156	84	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.97	83	85	N.D.	
66) C282	1,2,3-Trichloropro	7.85	110	73	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.92	53	75	N.D.	
68) C302	n-Propylbenzene	7.94	91	1813	N.D.	
69) C303	2-Chlorotoluene	8.12	126	77	N.D.	
70) C289	4-Chlorotoluene	8.12	126	77	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	5431	N.D.	
72) C306	tert-Butylbenzene	8.33	134	77	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	15988	N.D.	
74) C308	sec-Butylbenzene	8.51	105	1168	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	533	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	2542	N.D.	
77) C267	1,4-Dichlorobenzen	8.72	146	917	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	12066	N.D.	
79) C310	n-Butylbenzene	8.97	91	2057	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.73	75	108	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	1732	N.D.	
82) C316	Hexachlorobutadien	10.49	225	724	N.D.	
83) C314	Naphthalene	10.60	128	12587	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	2195	N.D.	

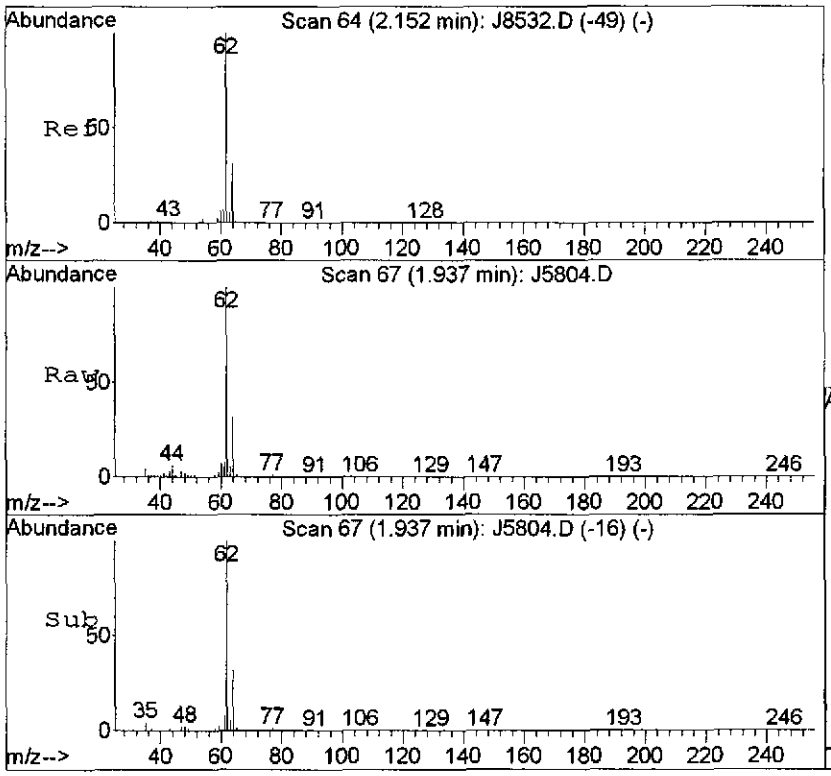
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5804.D
Acq On : 6 Jul 2010 15:58
Operator : TRB
Sample : RTG0521-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 06 16:17:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

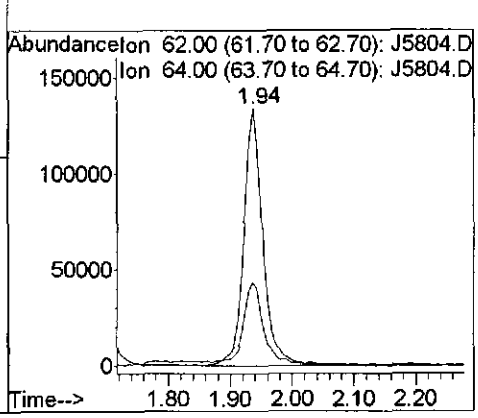


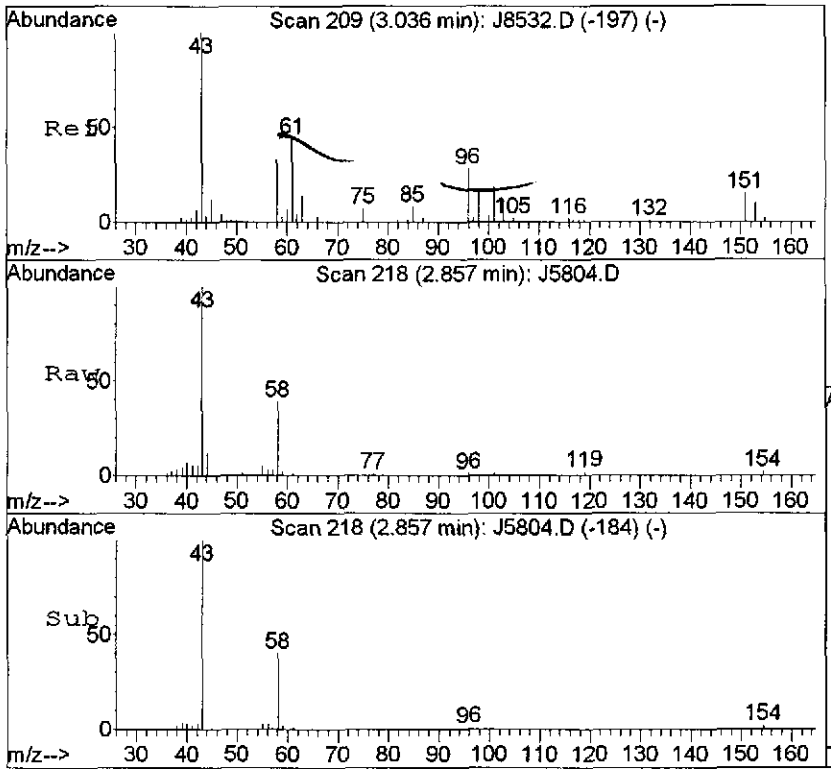


#4
C020 Vinyl chloride
Concen: 23.91 ug/L
RT: 1.94 min Scan# 67
Delta R.T. 0.01 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 62 Resp: 288541

Ion	Ratio	Lower	Upper
62	100		
64	32.3	10.4	50.4

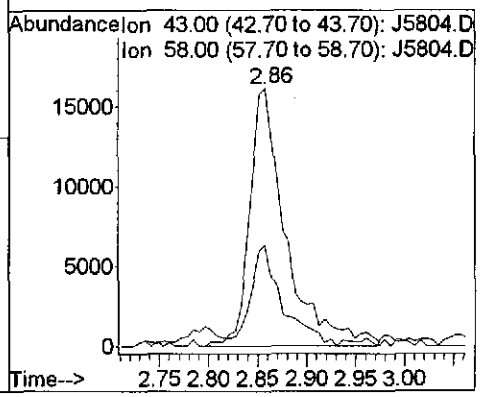


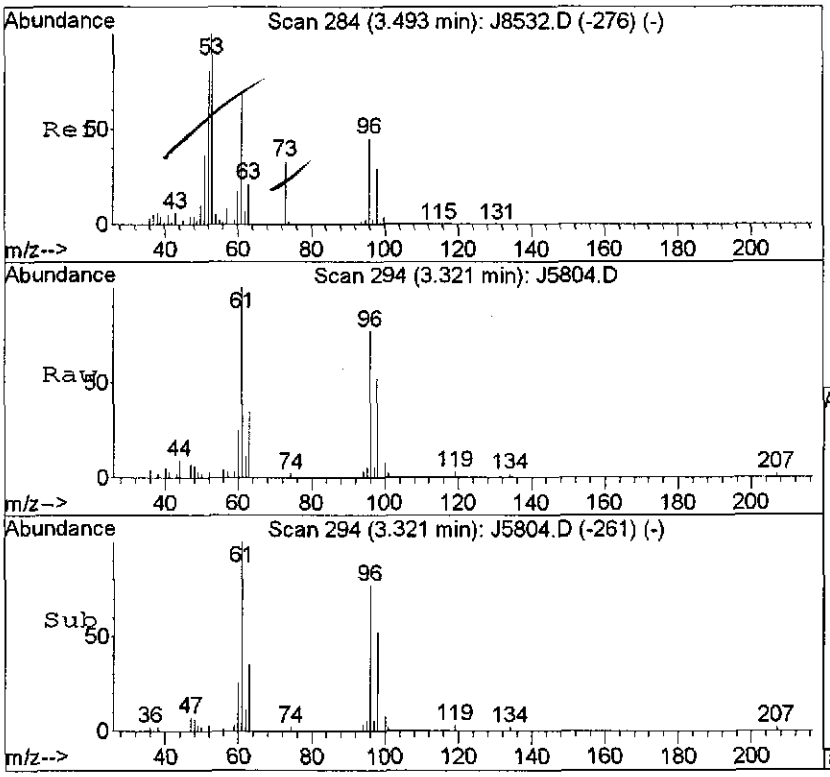


#13
C035 Acetone
Concen: 8.93 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 43 Resp: 41617

Ion	Ratio	Lower	Upper
43	100		
58	39.0	28.6	43.0

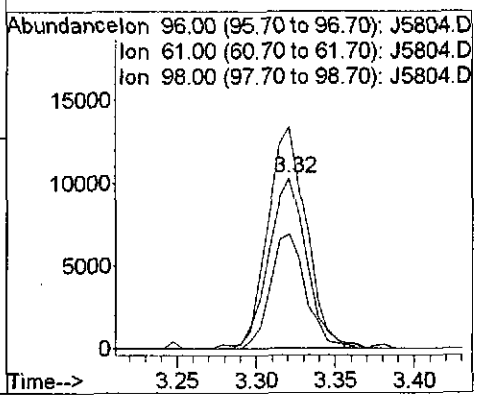


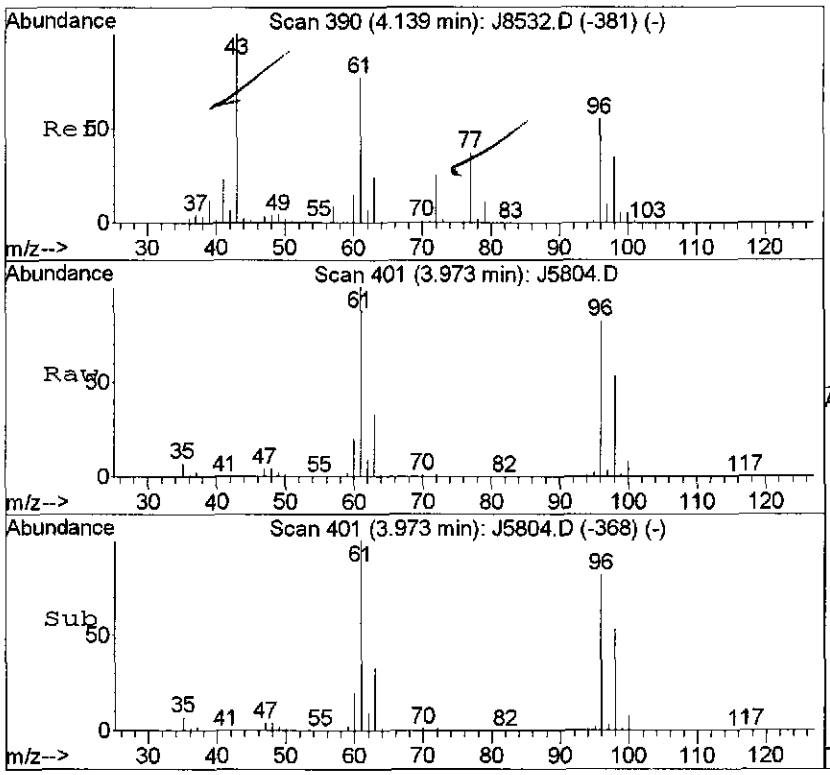


#18
C057 trans-1,2-Dichloroethene
Concen: 1.13 ug/L
RT: 3.32 min Scan# 294
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 96 Resp: 17358

Ion	Ratio	Lower	Upper
96	100		
61	130.3	121.1	161.1
98	67.3	41.7	81.7

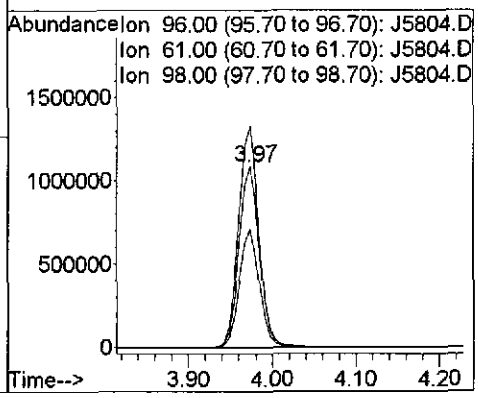


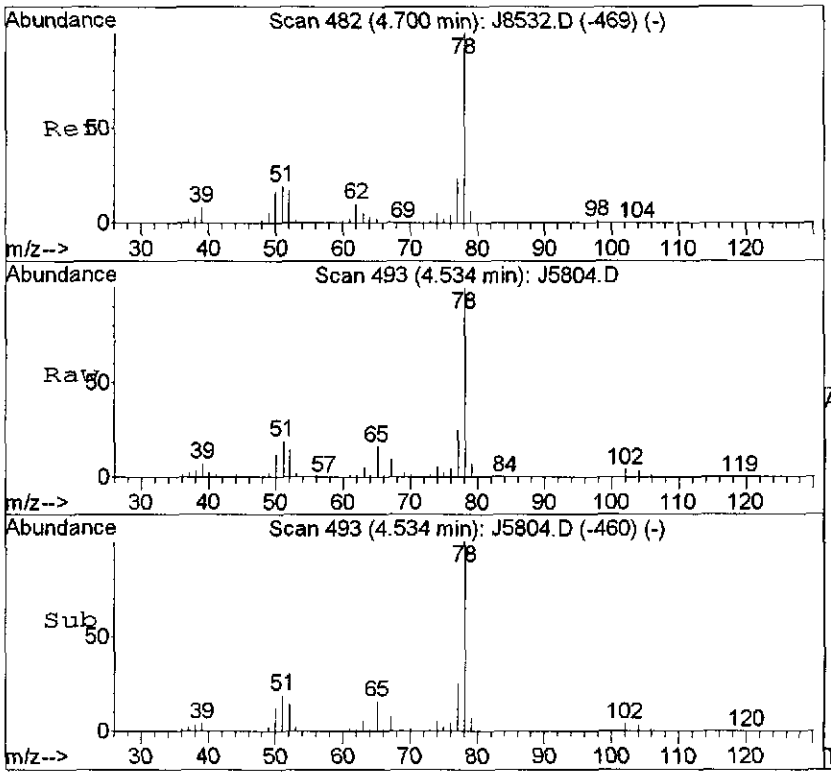


#23
C056 cis-1,2-Dichloroethene
Concen: 111.16 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 96 Resp: 1862619

Ion	Ratio	Lower	Upper
96	100		
61	122.5	107.1	147.1
98	65.2	49.1	89.1

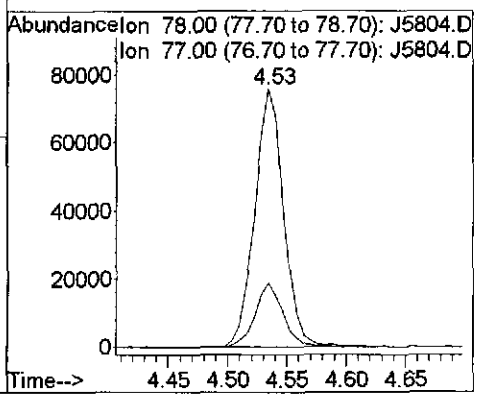


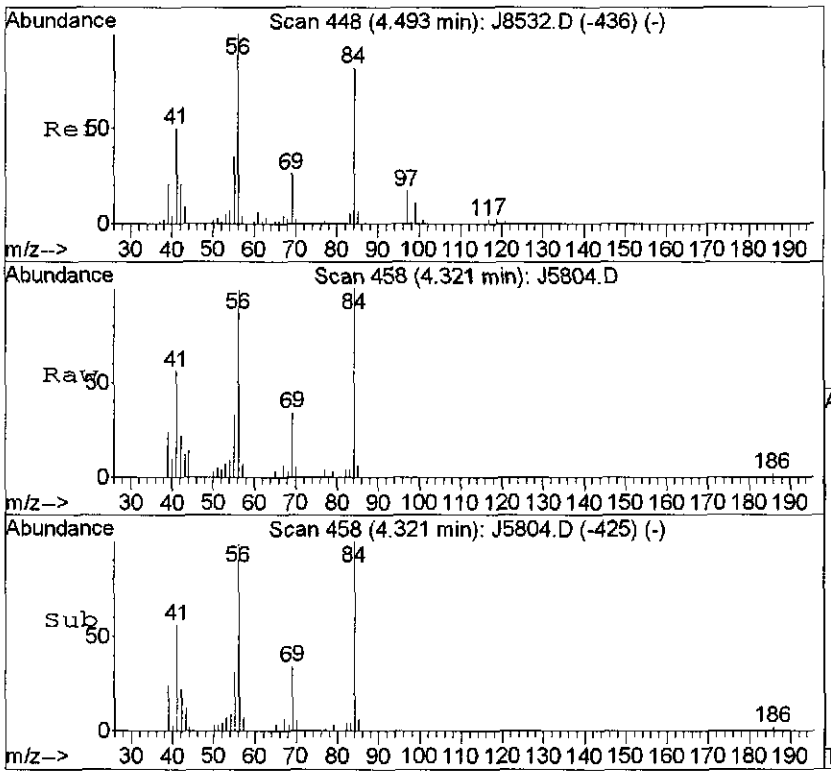


#31
C165 Benzene
Concen: 1.99 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 78 Resp: 128782

Ion	Ratio	Lower	Upper
78	100		
77	25.0	3.1	43.1

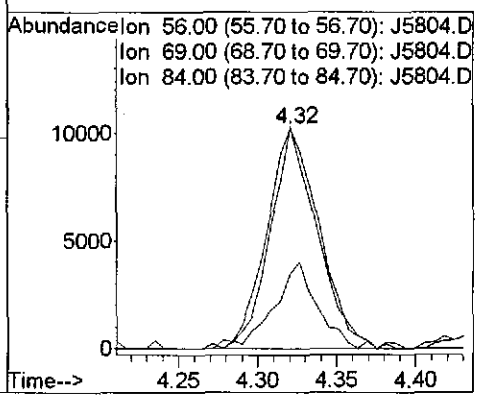


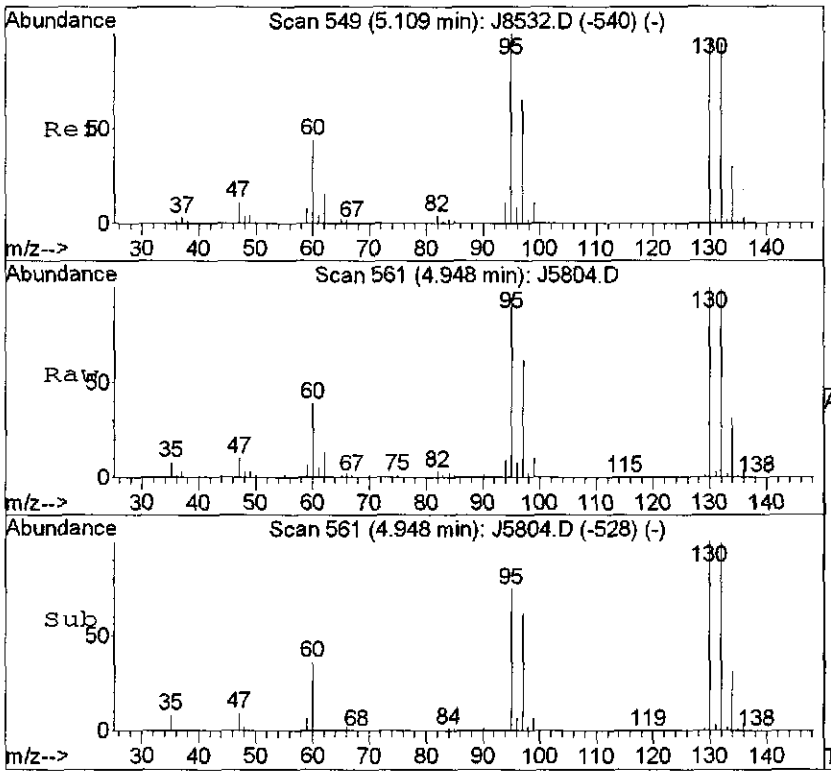


#34
C256 Cyclohexane
Concen: 0.97 ug/L
RT: 4.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 56 Resp: 23499

Ion	Ratio	Lower	Upper
56	100		
69	31.9	21.3	31.9
84	90.1	58.9	88.3#

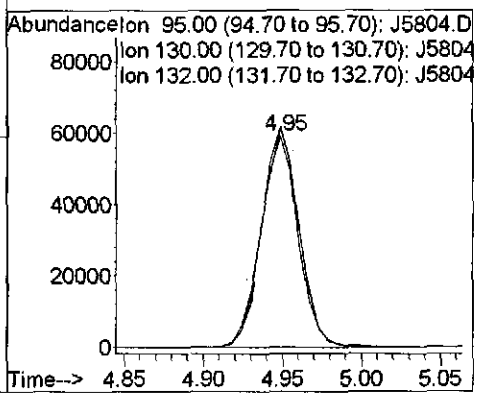


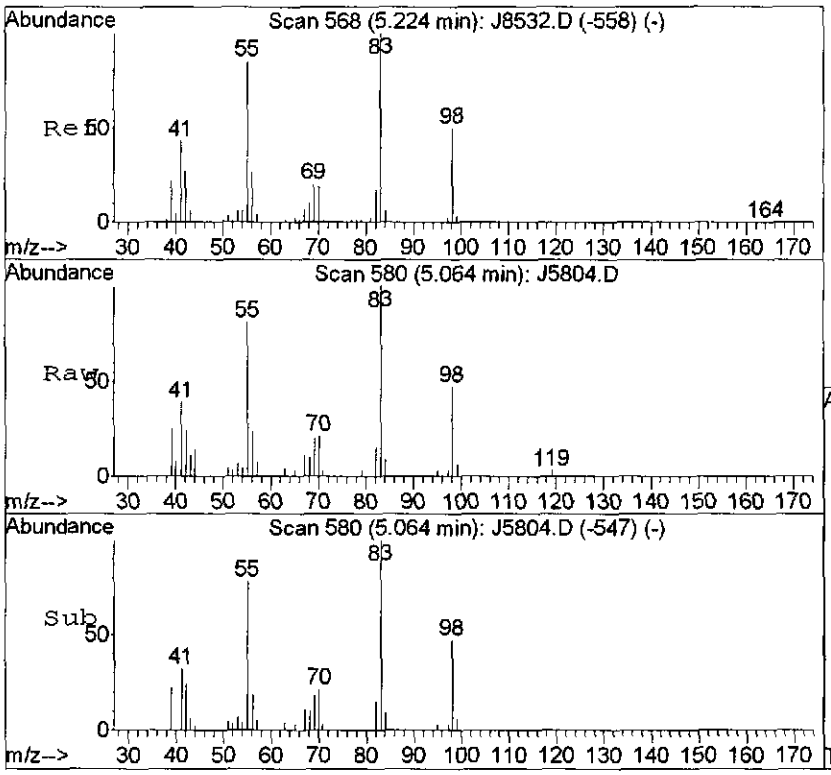


#35
C150 Trichloroethene
Concen: 6.21 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 95 Resp: 97166

Ion	Ratio	Lower	Upper
95	100		
130	104.9	76.8	116.8
132	103.6	73.1	113.1

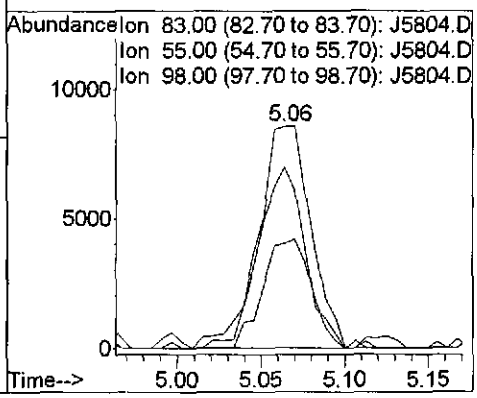


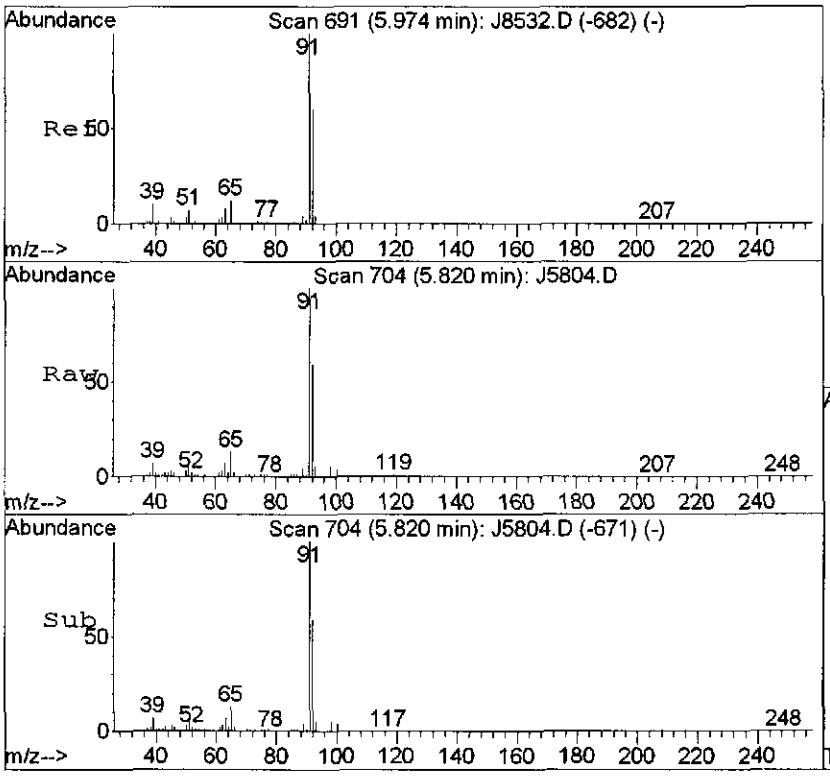


#40
C012 Methylcycolhexane
Concen: 0.66 ug/L
RT: 5.06 min Scan# 580
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 83 Resp: 18275

Ion	Ratio	Lower	Upper
83	100		
55	76.8	75.3	112.9
98	45.5	36.9	55.3

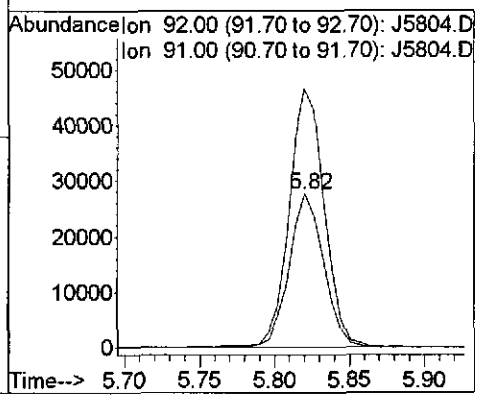


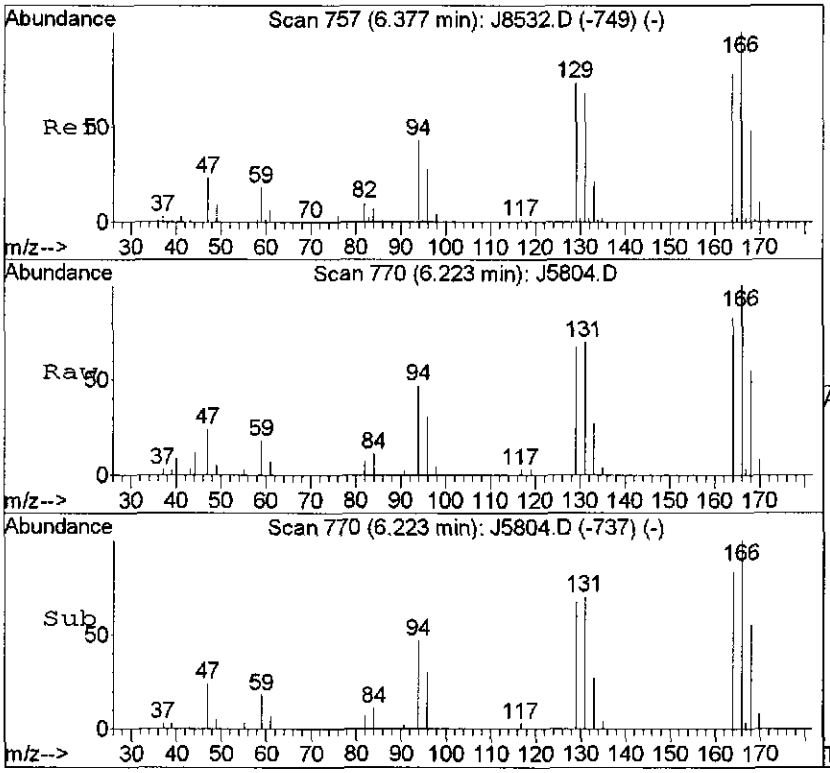


#44
C230 Toluene
Concen: 1.05 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 92 Resp: 44603

Ion	Ratio	Lower	Upper
92	100		
91	168.3	147.0	187.0

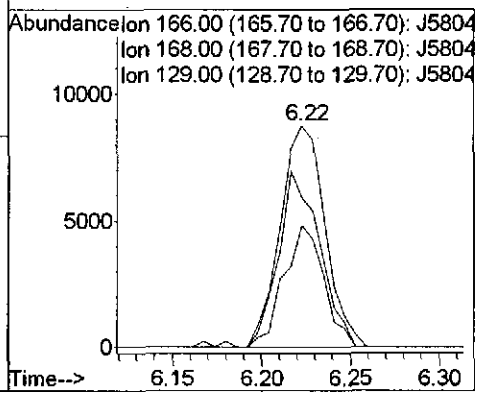


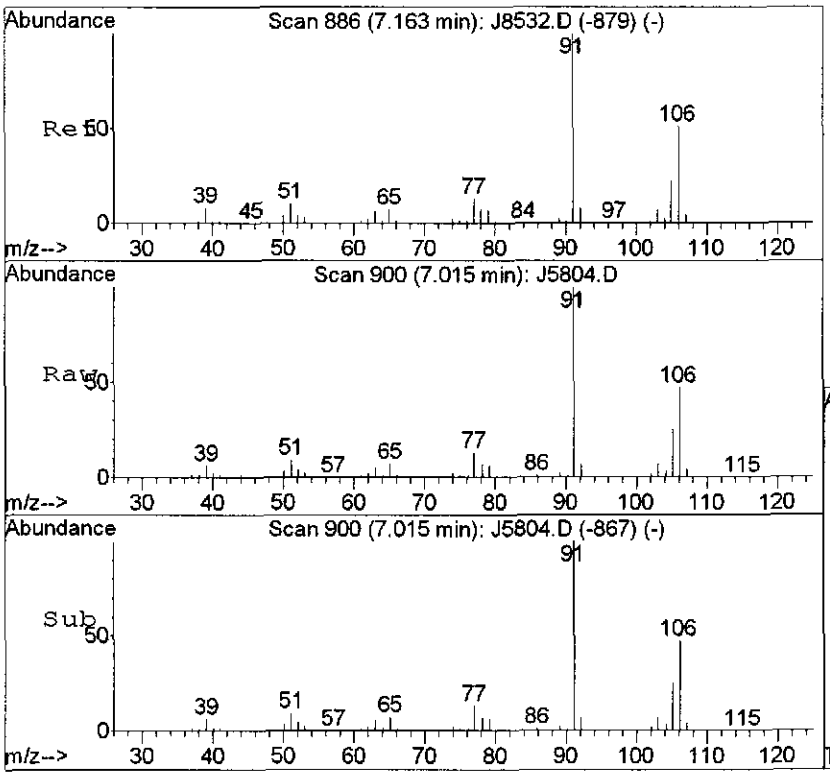


#49
C220 Tetrachloroethene
Concen: 0.91 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion:166 Resp: 15352

Ion	Ratio	Lower	Upper
166	100		
168	55.0	27.0	67.0
129	67.3	55.3	95.3

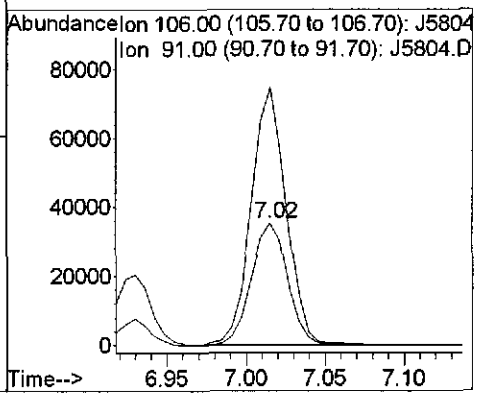


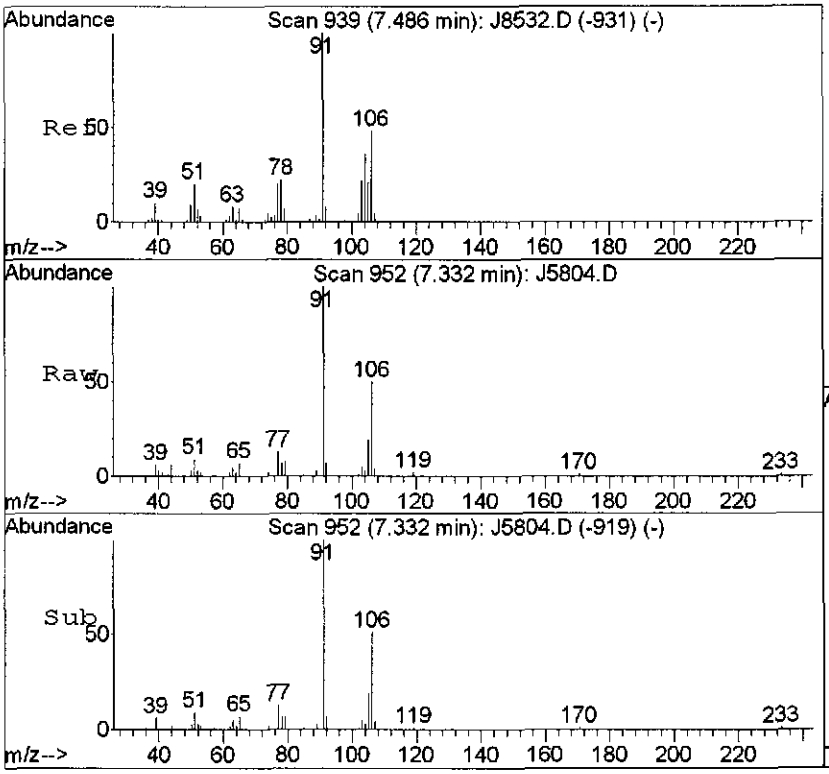


#57
C246 m,p-Xylene
Concen: 1.78 ug/L
RT: 7.02 min Scan# 900
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion:106 Resp: 56383

Ion	Ratio	Lower	Upper
106	100		
91	211.9	179.0	219.0

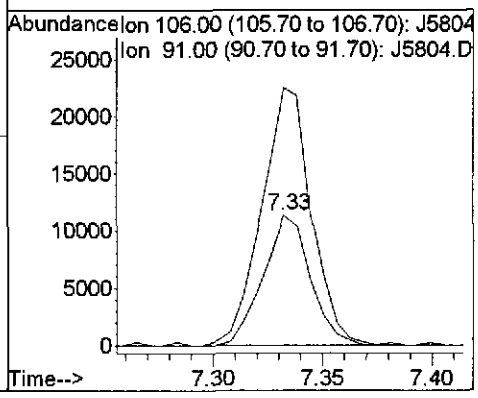




#58
C247 o-Xylene
Concen: 0.55 ug/L
RT: 7.33 min Scan# 952
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion:106 Resp: 16926

Ion	Ratio	Lower	Upper
106	100		
91	199.2	191.1	231.1



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-7 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-01RE1 File ID: J5831.D

Sampled: 07/01/10 13:30 Prepared: 07/07/10 08:51 Analyzed: 07/07/10 11:03

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0303 Sequence: T002997 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	2	2.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	2	2.0	UD
79-00-5	1,1,2-Trichloroethane	2	2.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	2	2.0	UD
75-34-3	1,1-Dichloroethane	2	2.0	UD
75-35-4	1,1-Dichloroethene	2	2.0	UD
120-82-1	1,2,4-Trichlorobenzene	2	2.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	2	2.0	UD
106-93-4	1,2-Dibromoethane (EDB)	2	2.0	UD
95-50-1	1,2-Dichlorobenzene	2	2.0	UD
107-06-2	1,2-Dichloroethane	2	2.0	UD
540-59-0	1,2-Dichloroethene, Total	2	120	D
78-87-5	1,2-Dichloropropane	2	2.0	UD
541-73-1	1,3-Dichlorobenzene	2	2.0	UD
106-46-7	1,4-Dichlorobenzene	2	2.0	UD
78-93-3	2-Butanone (MEK)	2	20	UD
591-78-6	2-Hexanone	2	10	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	2	10	UD
67-64-1	Acetone	2	9.9	JD
71-43-2	Benzene	2	2.1	D
75-27-4	Bromodichloromethane	2	2.0	UD
75-25-2	Bromoform	2	2.0	UD
74-83-9	Bromomethane	2	2.0	UD
75-15-0	Carbon disulfide	2	2.0	UD
56-23-5	Carbon Tetrachloride	2	2.0	UD
108-90-7	Chlorobenzene	2	2.0	UD
124-48-1	Chlorodibromomethane	2	2.0	UD
75-00-3	Chloroethane	2	2.0	UD
67-66-3	Chloroform	2	2.0	UD
74-87-3	Chloromethane	2	2.0	UD
156-59-2	cis-1,2-Dichloroethene	2	120	D
10061-01-5	cis-1,3-Dichloropropene	2	2.0	UD
110-82-7	Cyclohexane	2	1.1	JD
75-71-8	Dichlorodifluoromethane	2	2.0	UD
100-41-4	Ethylbenzene	2	2.0	UD
98-82-8	Isopropylbenzene	2	2.0	UD
79-20-9	Methyl Acetate	2	2.0	UD
1634-04-4	Methyl tert-Butyl Ether	2	2.0	UD
108-87-2	Methylcyclohexane	2	2.0	UD

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-01RE1	File ID:	J5831.D
Sampled:	07/01/10 13:30	Prepared:	07/07/10 08:51	Analyzed:	07/07/10 11:03
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0303	Sequence:	T002997	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	2	2.0	UD
100-42-5	Styrene	2	2.0	UD
127-18-4	Tetrachloroethene	2	2.0	UD
108-88-3	Toluene	2	1.1	JD
156-60-5	trans-1,2-Dichloroethene	2	2.0	UD
10061-02-6	trans-1,3-Dichloropropene	2	2.0	UD
79-01-6	Trichloroethene	2	7.2	D
75-69-4	Trichlorofluoromethane	2	2.0	UD
75-01-4	Vinyl chloride	2	27	D
1330-20-7	Xylenes, total	2	2.3	JD

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	D
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	D
Toluene-d8	25.0	24.2	97	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	489560	8.71	500268	8.71	
1,4-Difluorobenzene	943368	4.75	927017	4.75	
Chlorobenzene-d5	852283	6.86	861317	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5831.D
Acq On : 7 Jul 2010 11:03
Operator : TRB
Sample : RTG0521-01RE1@2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:18:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	943368	25.00 ug/L	0.00 101.76%
42) CI20	Chlorobenzene-D5	6.86	117	852283	25.00 ug/L	0.00 98.95%
61) CI30	1,4-Dichlorobenzene-	8.71	152	489560	25.00 ug/L	0.00 97.86%
System Monitoring Compounds						
30) CS15	1,2-Dichloroethane-D	4.50	65	372609	22.95 ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	= 91.80%	
43) CS05	Toluene-D8	5.77	98	1372188	24.16 ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	= 96.64%	
60) CS10	p-Bromofluorobenzene	7.77	174	411089	23.45 ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	= 93.80%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.78	50	96	N.D.	
4) C020	Vinyl chloride	1.94	62	161814	13.69 ug/L	96
5) C015	Bromomethane	2.16	94	803	N.D.	
6) C025	Chloroethane	2.27	64	181	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.81	96	3300	N.D.	
9) C030	Methylene chloride	3.15	84	6818	N.D.	
10) C040	Carbon disulfide	3.00	76	6186	N.D.	
11) C036	Acrolein	2.78	56	715	N.D.	
12) C038	Acrylonitrile	3.38	53	85	N.D.	
13) C035	Acetone	2.86	43	22511	4.93 ug/L #	88
14) C300	Acetonitrile	3.04	41	203	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	2.83	101	1585	N.D.	
17) C962	T-butyl Methyl Eth	3.29	73	80	N.D.	
18) C057	trans-1,2-Dichloroet	3.32	96	8677	0.57 ug/L #	82
19) C255	Methyl Acetate	3.03	43	1026	N.D.	
20) C050	1,1-Dichloroethane	3.60	63	1233	N.D.	
21) C125	Vinyl Acetate	3.57	43	835	N.D.	
22) C051	2,2-Dichloropropan	3.91	77	111	N.D.	
23) C056	cis-1,2-Dichloroethe	3.97	96	990076	60.34 ug/L	94
24) C272	Tetrahydrofuran	4.16	42	996	N.D.	
25) C222	Bromochloromethane	4.17	128	105	N.D.	
26) C060	Chloroform	4.17	83	836	N.D.	
27) C115	1,1,1-Trichloroeth	4.35	97	108	N.D.	
28) C120	Carbon tetrachlori	4.42	117	102	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
31) C165	Benzene	4.53	78	65059	1.03 ug/L	96
32) C065	1,2-Dichloroethane	4.53	62	931	N.D.	
33) C110	2-Butanone	3.96	43	4072	N.D.	
34) C256	Cyclohexane	4.32	56	13667	0.57 ug/L #	86
35) C150	Trichloroethene	4.95	95	55076	3.60 ug/L	84
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
37) C278	Dibromomethane	5.27	93	74	N.D.	
38) C130	Bromodichlorometha	5.31	83	104	N.D.	
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
40) C012	Methylcycolhexane	5.07	83	9589	N.D.	

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5831.D
Acq On : 7 Jul 2010 11:03
Operator : TRB
Sample : RTG0521-01RE1@2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:18:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

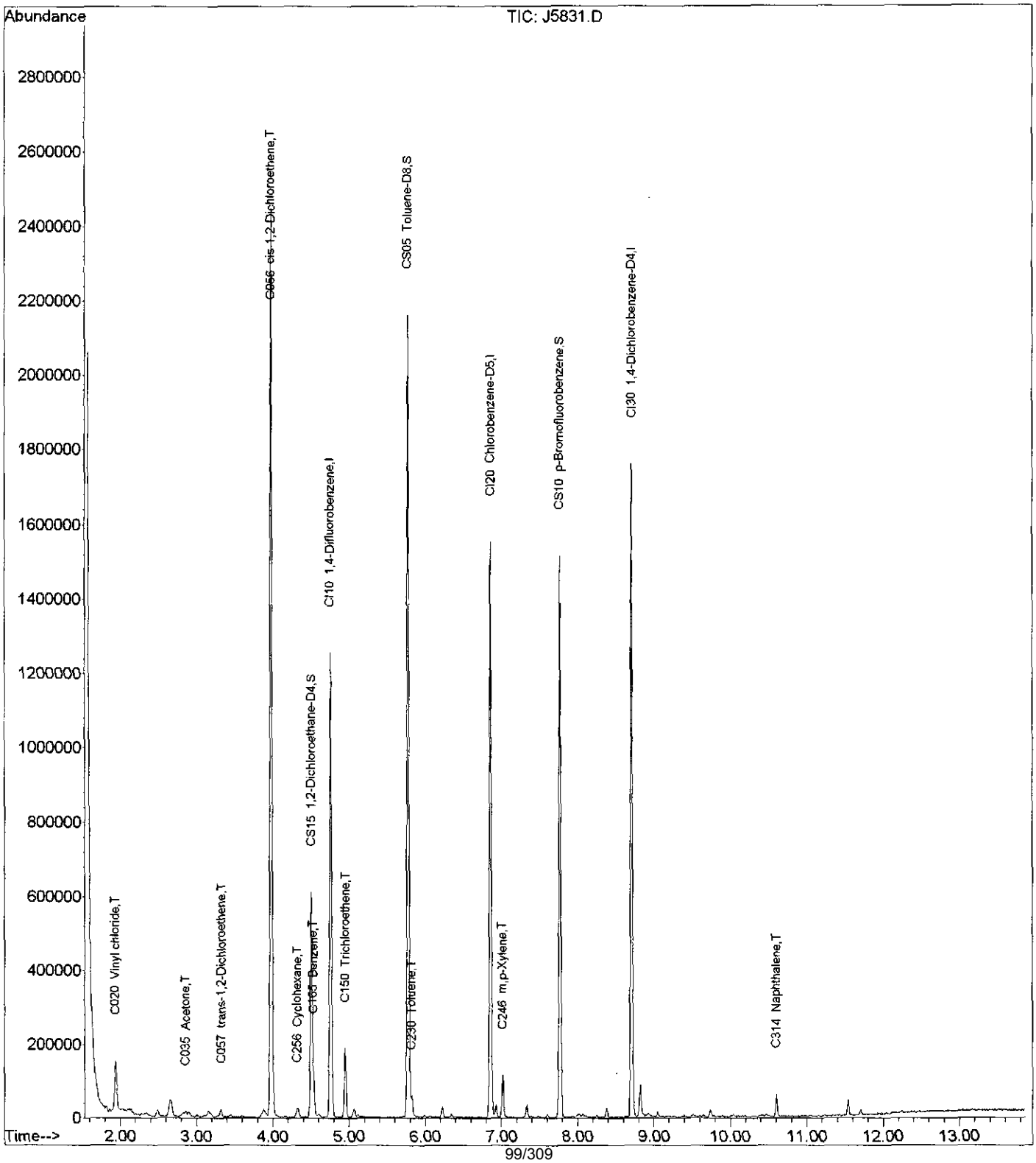
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.62	75	137	N.D.	
44) C230	Toluene	5.82	92	22674	0.55 ug/L	86
45) C170	trans-1,3-Dichloro	5.99	75	75	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	236	N.D.	
47) C160	1,1,2-Trichloroeth	5.98	83	94	N.D.	
48) C210	4-Methyl-2-pentano	5.68	43	842	N.D.	
49) C220	Tetrachloroethene	6.22	166	7951	N.D.	
50) C221	1,3-Dichloropropan	6.31	76	78	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	6.55	107	74	N.D.	
53) C215	2-Hexanone	6.27	43	1025	N.D.	
54) C235	Chlorobenzene	6.87	112	312	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.93	91	20504	N.D.	
57) C246	m,p-Xylene	7.01	106	35839	1.16 ug/L #	80
58) C247	o-Xylene	7.33	106	9373	N.D.	
59) C245	Styrene	7.34	104	880	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	6102	N.D.	
64) C301	Bromobenzene	8.06	156	77	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.87	83	80	N.D.	
66) C282	1,2,3-Trichloropro	8.08	110	78	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.89	53	99	N.D.	
68) C302	n-Propylbenzene	7.94	91	1858	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	4987	N.D.	
72) C306	tert-Butylbenzene	8.27	134	91	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	14215	N.D.	
74) C308	sec-Butylbenzene	8.38	105	14215	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	77	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	1496	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	375	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	5834	N.D.	
79) C310	n-Butylbenzene	8.97	91	808	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.73	75	78	N.D.	
81) C313	1,2,4-Trichloroben	10.37	180	590	N.D.	
82) C316	Hexachlorobutadien	10.47	225	110	N.D.	
83) C314	Naphthalene	10.60	128	48985	0.67 ug/L	100
84) C934	1,2,3-Trichloroben	10.81	180	1078	N.D.	

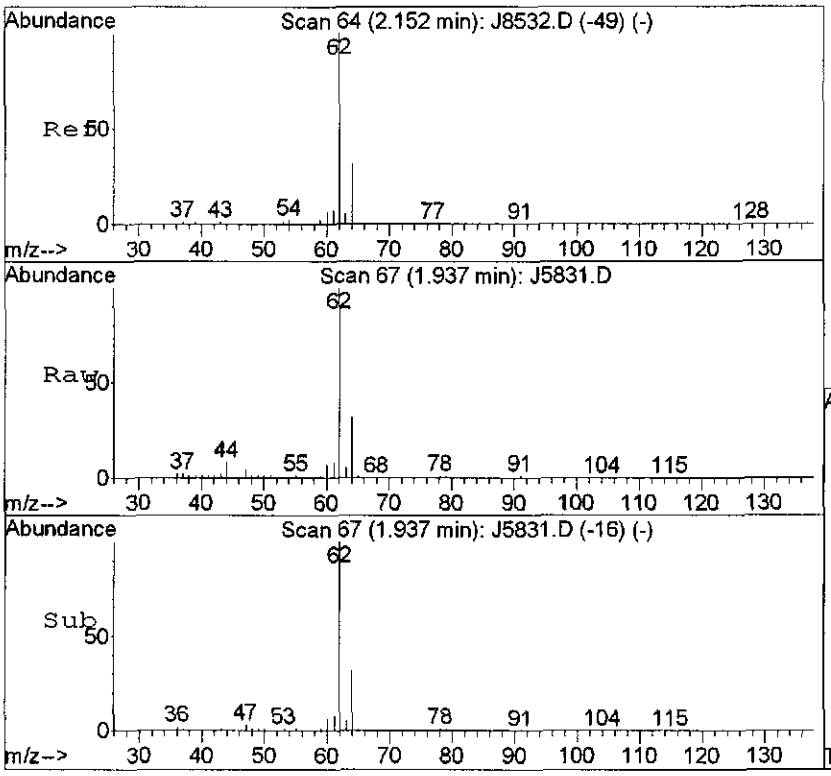
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5831.D
Acq On : 7 Jul 2010 11:03
Operator : TRB
Sample : RTG0521-01RE1@2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:18:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

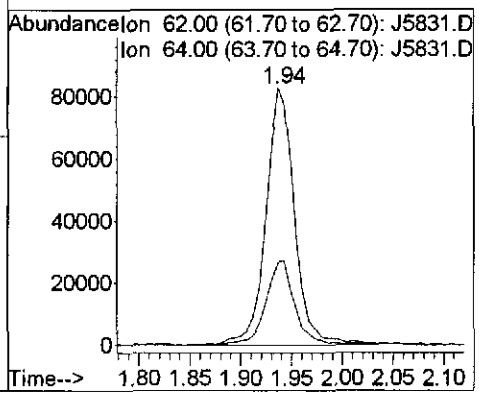


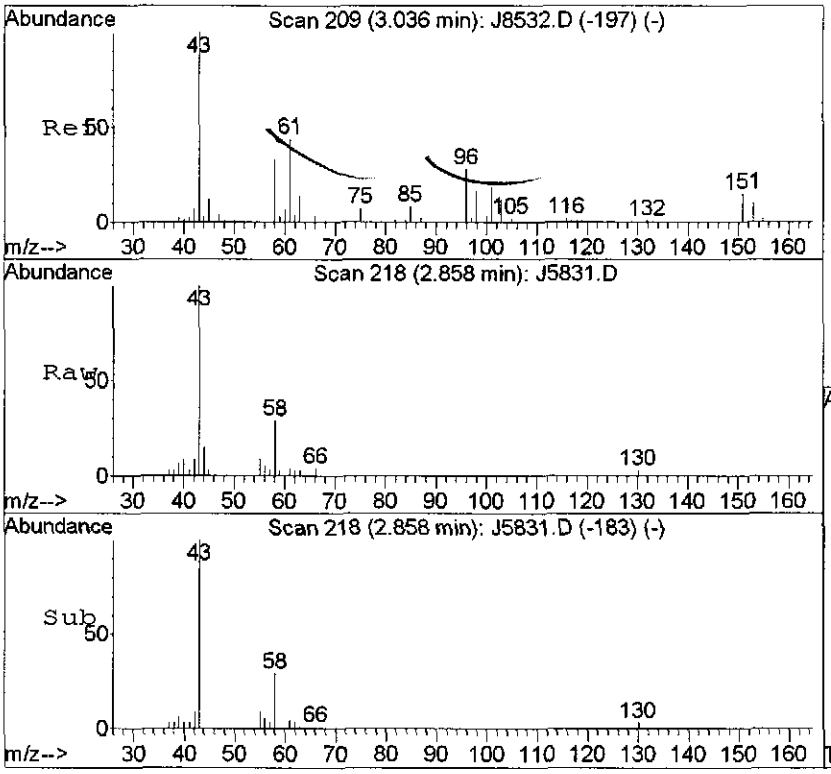


#4
C020 Vinyl chloride
Concen: 13.69 ug/L
RT: 1.94 min Scan# 67
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 62 Resp: 161814

Ion	Ratio	Lower	Upper
62	100		
64	32.4	10.4	50.4

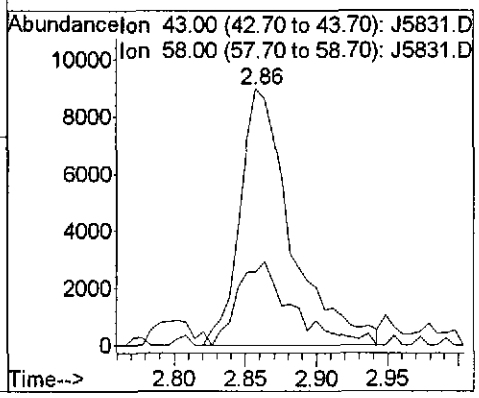


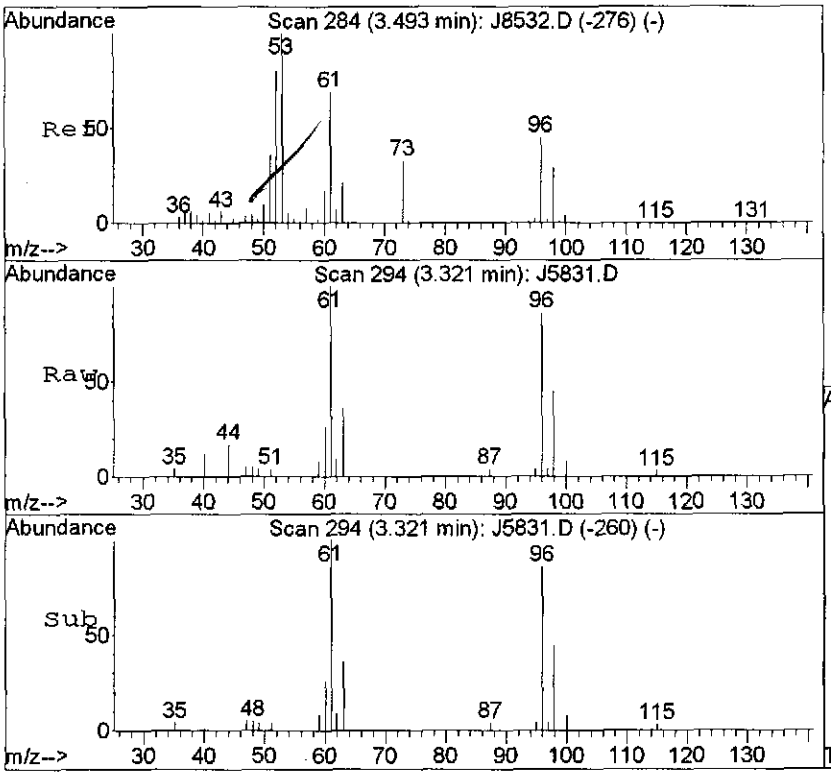


#13
C035 Acetone
Concen: 4.93 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 43 Resp: 22511

Ion	Ratio	Lower	Upper
43	100		
58	28.6	28.6	43.0#

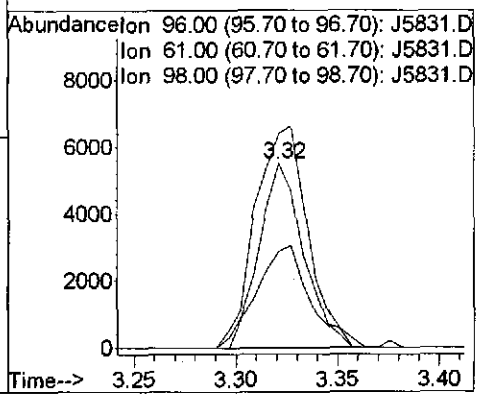


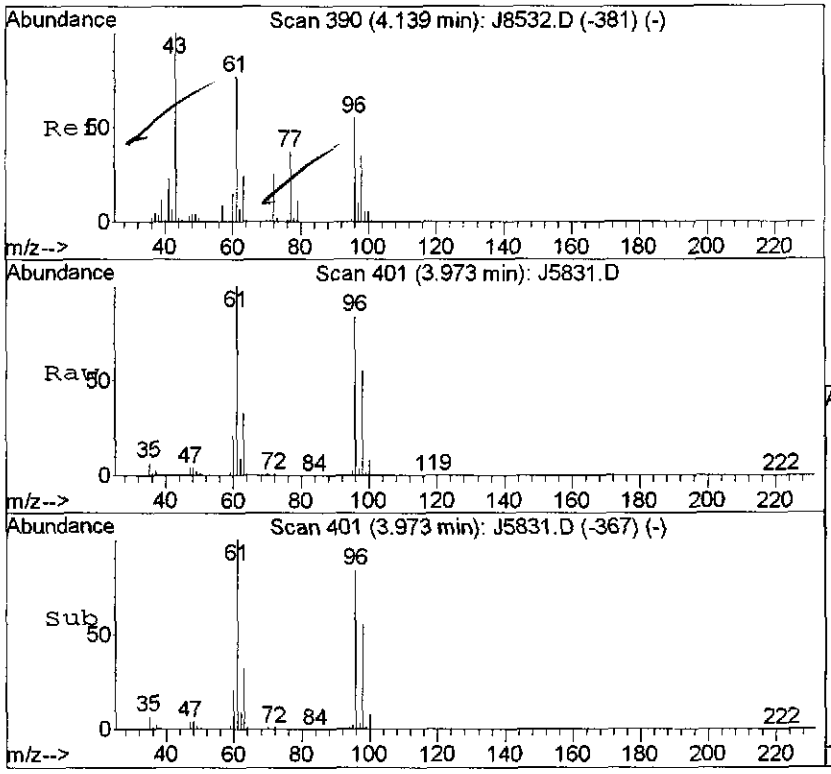


#18
C057 trans-1,2-Dichloroethene
Concen: 0.57 ug/L
RT: 3.32 min Scan# 294
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 96 Resp: 8677

Ion	Ratio	Lower	Upper
96	100		
61	116.2	121.1	161.1#
98	52.0	41.7	81.7

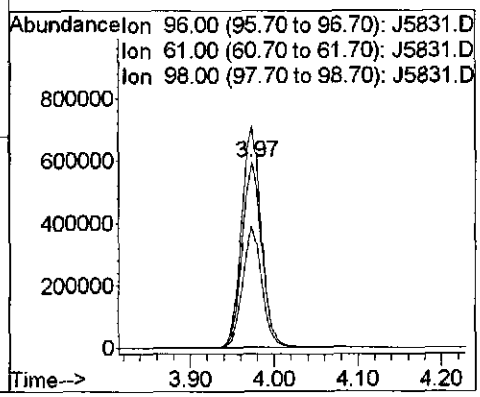


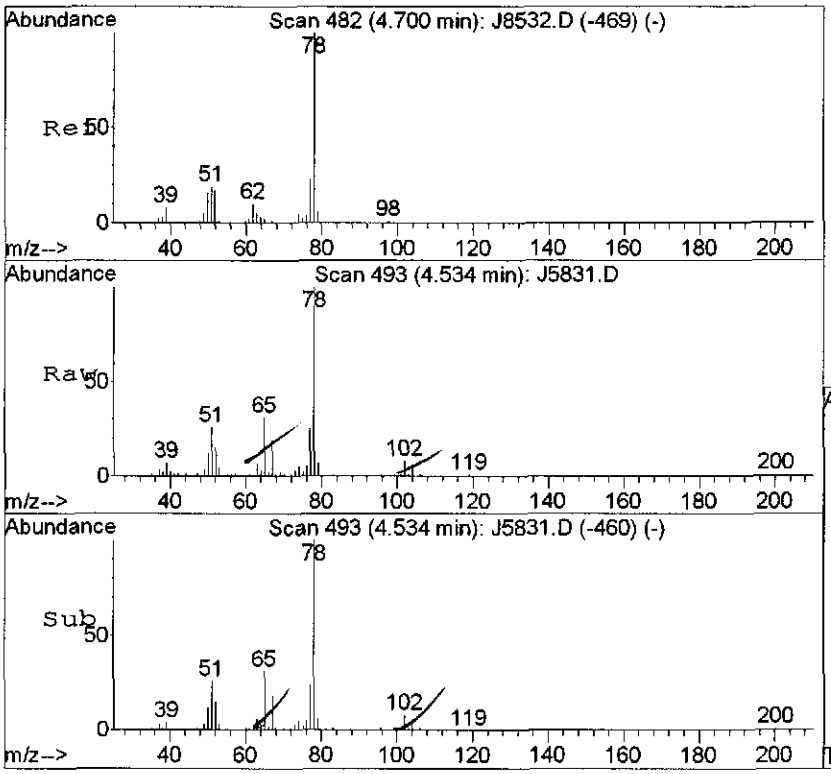


#23
C056 cis-1,2-Dichloroethene
Concen: 60.34 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 96 Resp: 990076

Ion	Ratio	Lower	Upper
96	100		
61	119.6	107.1	147.1
98	65.2	49.1	89.1

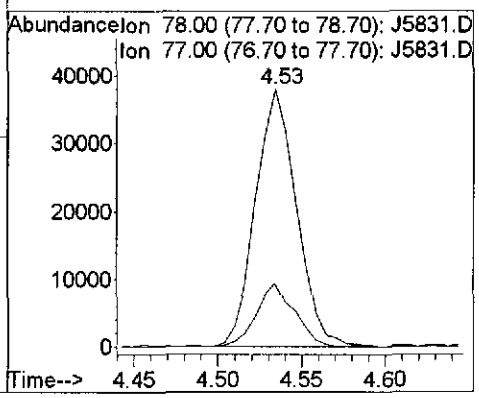


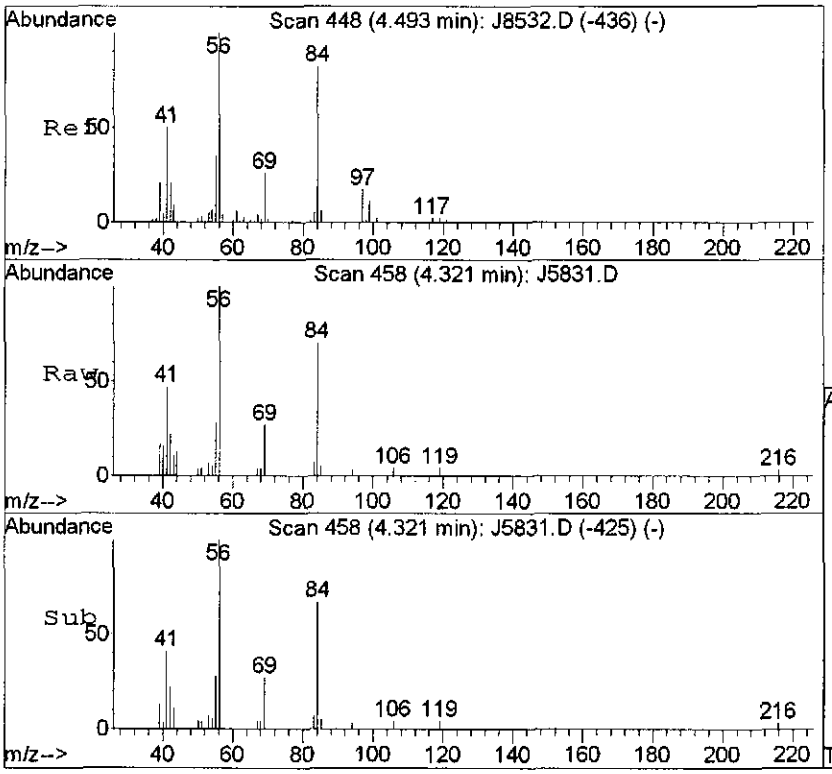


#31
C165 Benzene
Concen: 1.03 ug/L
RT: 4.53 min Scan# 493
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 78 Resp: 65059

Ion	Ratio	Lower	Upper
78	100		
77	24.8	3.1	43.1

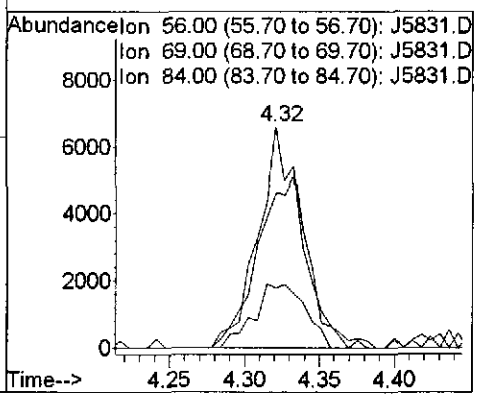


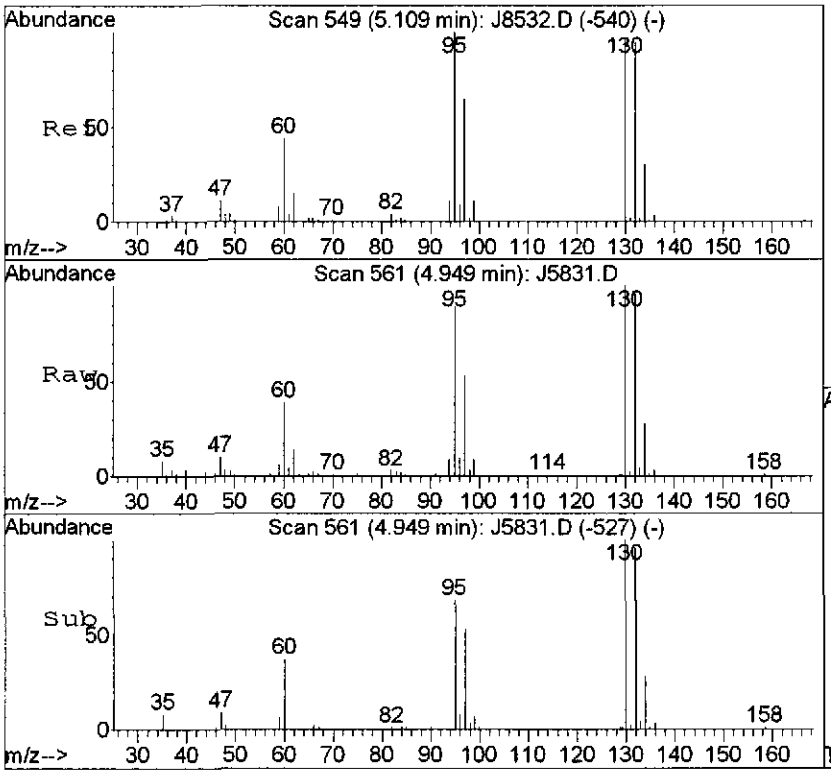


#34
C256 Cyclohexane
Concen: 0.57 ug/L
RT: 4.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 56 Resp: 13667

Ion	Ratio	Lower	Upper
56	100		
69	33.1	21.3	31.9#
84	86.1	58.9	88.3

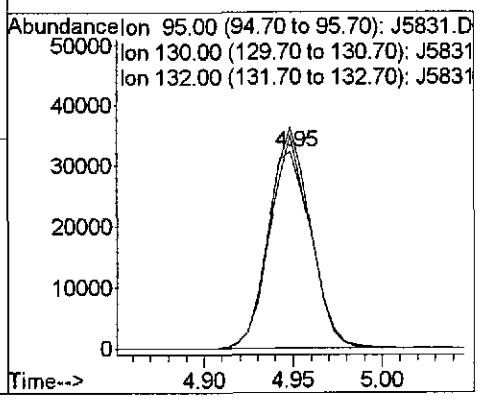


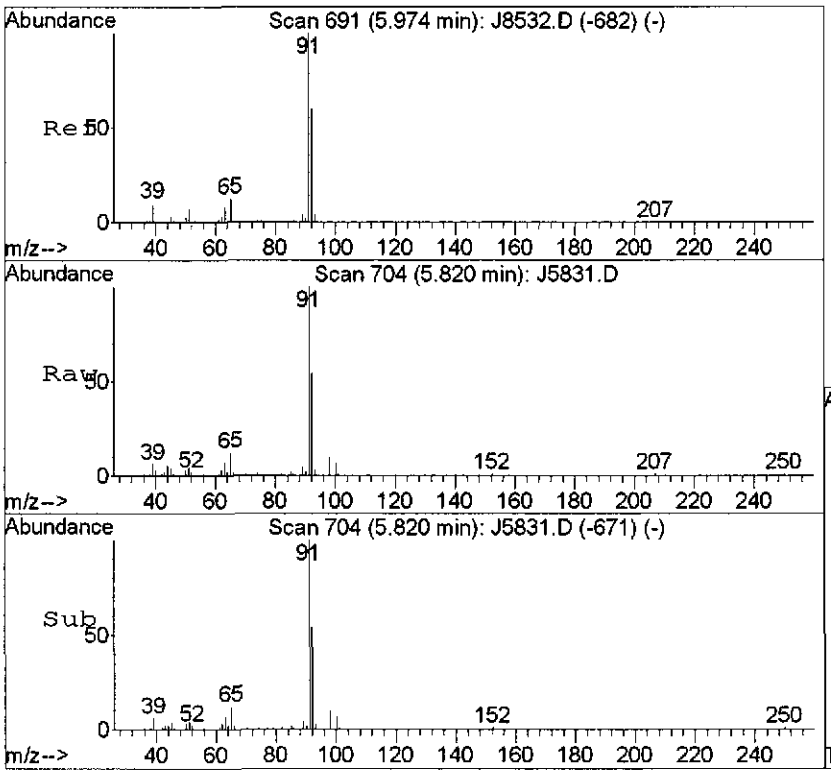


#35
C150 Trichloroethene
Concen: 3.60 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 95 Resp: 55076

Ion	Ratio	Lower	Upper
95	100		
130	112.8	76.8	116.8
132	108.3	73.1	113.1

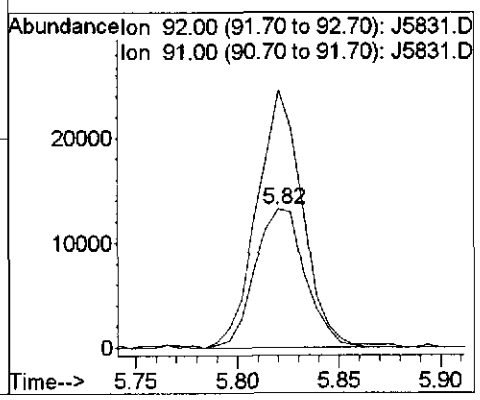


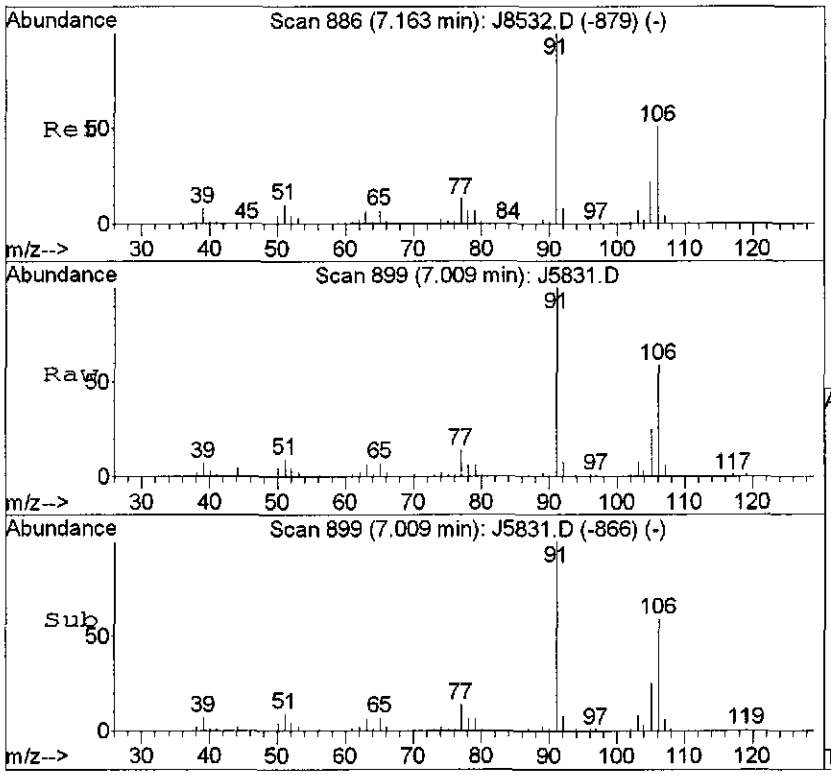


#44
C230 Toluene
Concen: 0.55 ug/L
RT: 5.82 min Scan# 704
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 92 Resp: 22674

Ion	Ratio	Lower	Upper
92	100		
91	186.2	147.0	187.0

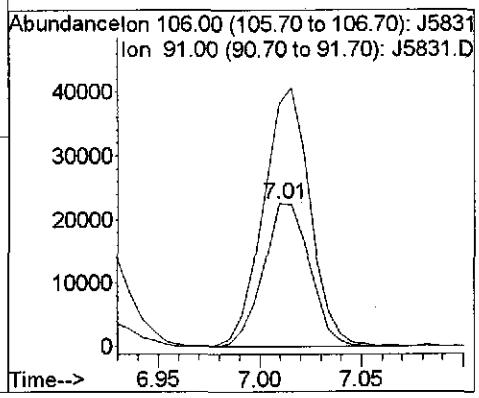


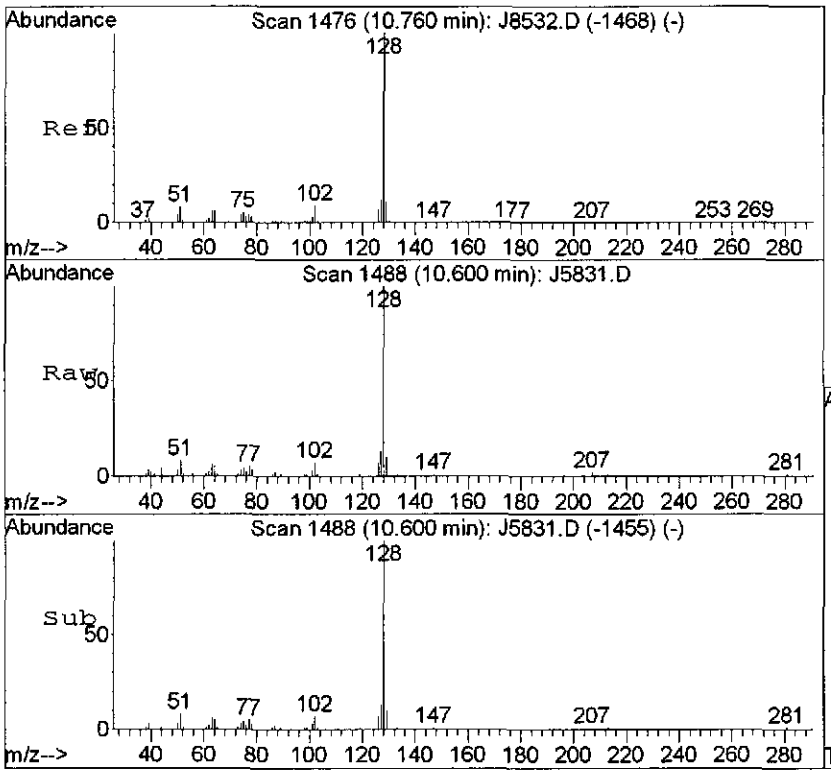


#57
C246 m,p-Xylene
Concen: 1.16 ug/L
RT: 7.01 min Scan# 899
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion:106 Resp: 35839

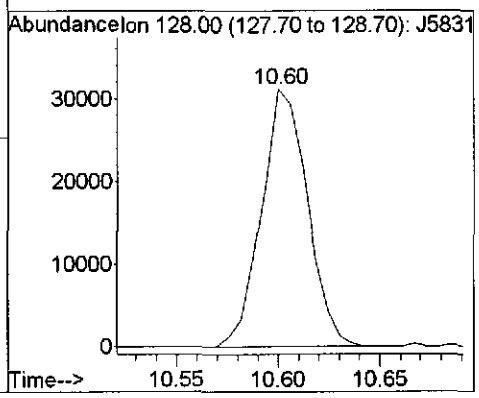
Ion	Ratio	Lower	Upper
106	100		
91	169.3	179.0	219.0#





#83
C314 Naphthalene
Concen: 0.67 ug/L
RT: 10.60 min Scan# 1488
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion:128 Resp: 48985



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-7 (24-26)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-02 File ID: J5805.D

Sampled: 07/01/10 15:55 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 16:20

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	0.97	J
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	17	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	28	
71-43-2	Benzene	1	0.55	J
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	17	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (24-26)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-02 File ID: J5805.D

Sampled: 07/01/10 15:55 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 16:20

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	0.61	J
108-88-3	Toluene	1	0.65	J
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	3.1	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	23.5	94	73 - 120	
Toluene-d8	25.0	24.2	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	500605	8.71	505586	8.71	
1,4-Difluorobenzene	942076	4.76	942126	4.75	
Chlorobenzene-d5	857893	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5805.D
Acq On : 6 Jul 2010 16:20
Operator : TRB
Sample : RTG0521-02
Misc : A+C SEDIMENT
ALS Vial : 14 Sample Multiplier: 1

S+E 7/6/10

Quant Time: Jul 06 16:36:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	942076	25.00	ug/L	0.00 99.99%
42) CI20	Chlorobenzene-D5	6.86	117	857893	25.00	ug/L	0.00 99.49%
61) CI30	1,4-Dichlorobenzene-	8.71	152	500605	25.00	ug/L	0.00 99.01%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	373296	23.02	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		92.08%
43) CS05	Toluene-D8	5.77	98	1382324	24.18	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		96.72%
60) CS10	p-Bromofluorobenzene	7.77	174	414119	23.47	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		93.88%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.68	85	83	N.D.		
3) C010	Chloromethane	1.83	50	1072	N.D.		
4) C020	Vinyl chloride	1.95	62	9392	0.80	ug/L	68
5) C015	Bromomethane	2.21	94	86	N.D.		
6) C025	Chloroethane	2.25	64	99	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.82	96	895	N.D.		
9) C030	Methylene chloride	3.16	84	1330	N.D.		
10) C040	Carbon disulfide	3.00	76	4575	N.D.		
11) C036	Acrolein	2.75	56	211	N.D.		
12) C038	Acrylonitrile	3.33	53	75	N.D.		
13) C035	Acetone	2.86	43	128172	28.13	ug/L	97
14) C300	Acetonitrile	3.06	41	2283	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.82	101	11730	0.97	ug/L #	84
17) C962	T-butyl Methyl Eth	3.31	73	78	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	2828	N.D.		
19) C255	Methyl Acetate	3.12	43	4289	N.D.		
20) C050	1,1-Dichloroethane	3.61	63	547	N.D.		
21) C125	Vinyl Acetate	3.59	43	1311	N.D.		
22) C051	2,2-Dichloropropan	3.97	77	95	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	271980	16.60	ug/L	92
24) C272	Tetrahydrofuran	4.16	42	1104	N.D.		
25) C222	Bromochloromethane	4.08	128	90	N.D.		
26) C060	Chloroform	4.17	83	95	N.D.		
27) C115	1,1,1-Trichloroeth	4.30	97	218	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	4.44	75	75	N.D.		
31) C165	Benzene	4.53	78	34552	0.55	ug/L	85
32) C065	1,2-Dichloroethane	4.52	62	497	N.D.		
33) C110	2-Butanone	3.97	43	15784	N.D.		
34) C256	Cyclohexane	4.32	56	7030	N.D.		
35) CI50	Trichloroethene	4.95	95	47748	3.12	ug/L	95
36) C140	1,2-Dichloropropan	5.15	63	89	N.D.		
37) C278	Dibromomethane	5.27	93	77	N.D.		
38) C130	Bromodichlorometha	5.22	83	98	N.D.		
39) C161	2-Chloroethylvinyl	5.53	63	259	N.D.		
40) C012	Methylcycolhexane	5.06	83	6525	N.D.		

9/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5805.D
Acq On : 6 Jul 2010 16:20
Operator : TRB
Sample : RTG0521-02
Misc : A+C SEDIMENT
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 06 16:36:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.73	75	81	N.D.	
44) C230	Toluene	5.82	92	27231	0.65 ug/L	95
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	115	N.D.	
47) C160	1,1,2-Trichloroeth	6.09	83	98	N.D.	
48) C210	4-Methyl-2-pentano	5.67	43	1590	N.D.	
49) C220	Tetrachloroethene	6.22	166	10154	0.61 ug/L	100
50) C221	1,3-Dichloropropan	6.33	76	80	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.24	43	1320	N.D.	
54) C235	Chlorobenzene	6.87	112	91	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.92	91	18076	N.D.	
57) C246	m,p-Xylene	7.02	106	12939	N.D.	
58) C247	o-Xylene	7.33	106	7091	N.D.	
59) C245	Styrene	7.34	104	703	N.D.	
62) C180	Bromoform	7.54	173	85	N.D.	
63) C966	Isopropylbenzene	7.61	105	2407	N.D.	
64) C301	Bromobenzene	7.76	156	81	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.88	83	118	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	8.05	53	114	N.D.	
68) C302	n-Propylbenzene	7.94	91	918	N.D.	
69) C303	2-Chlorotoluene	8.12	126	102	N.D.	
70) C289	4-Chlorotoluene	8.12	126	102	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	1444	N.D.	
72) C306	tert-Butylbenzene	8.28	134	77	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	3412	N.D.	
74) C308	sec-Butylbenzene	8.52	105	606	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	264	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	2421	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	403	N.D.	
78) C249	1,2-Dichlorobenzen	9.06	146	2134	N.D.	
79) C310	n-Butylbenzene	8.97	91	1021	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.75	75	104	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	939	N.D.	
82) C316	Hexachlorobutadien	10.48	225	182	N.D.	
83) C314	Naphthalene	10.61	128	4202	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	1006	N.D.	

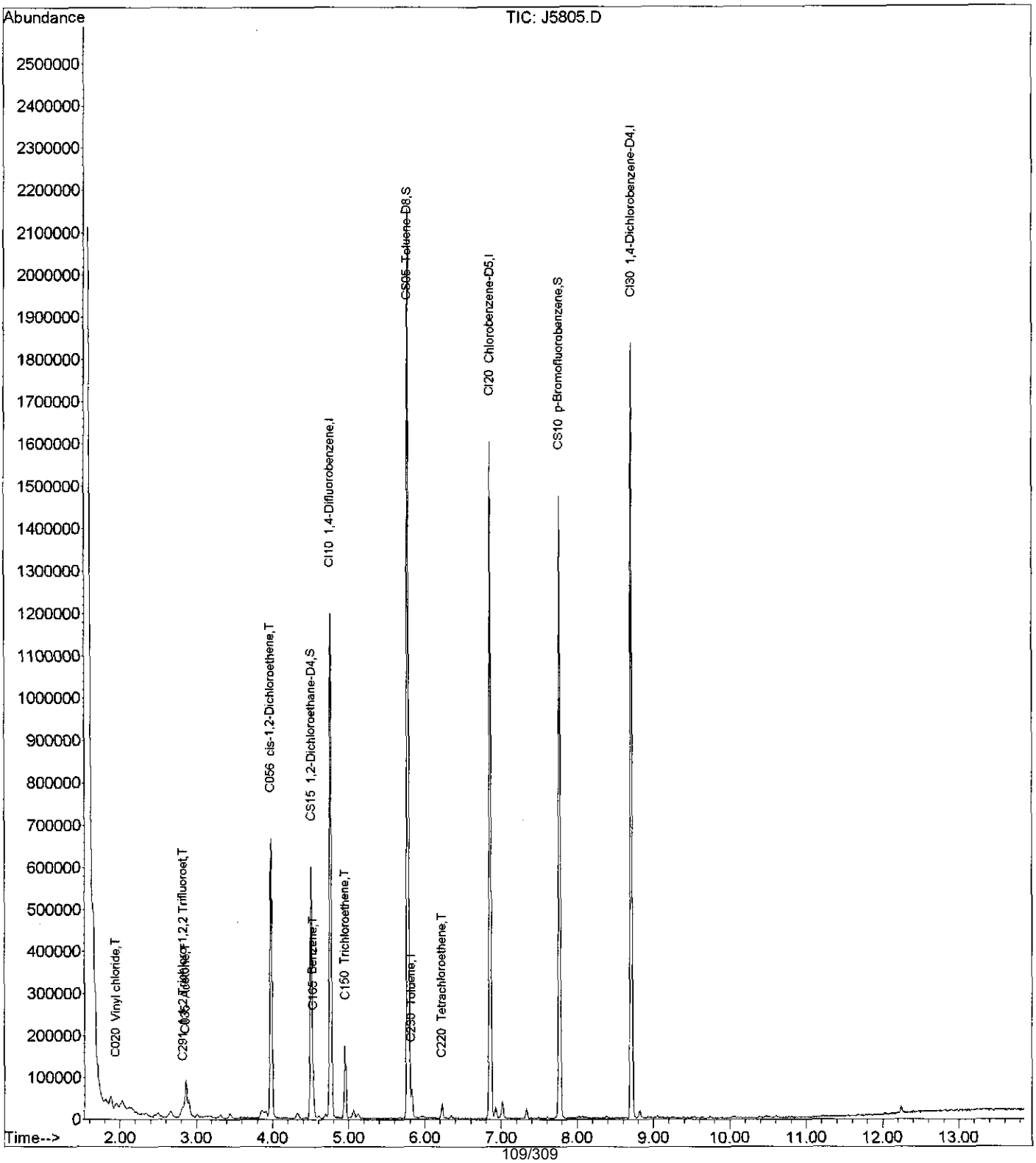
(#) = qualifier out of range (m) = manual integration (+) = signals summed

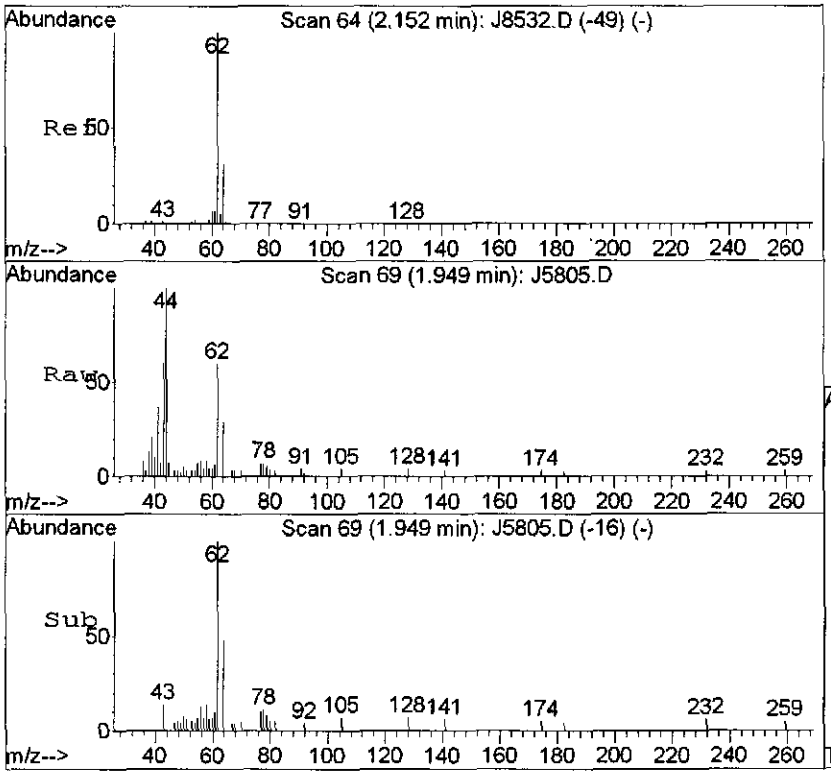
9/2/11

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5805.D
Acq On : 6 Jul 2010 16:20
Operator : TRB
Sample : RTG0521-02
Misc : A+C SEDIMENT
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 06 16:36:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 16:17:07 2010
Response via : Initial Calibration

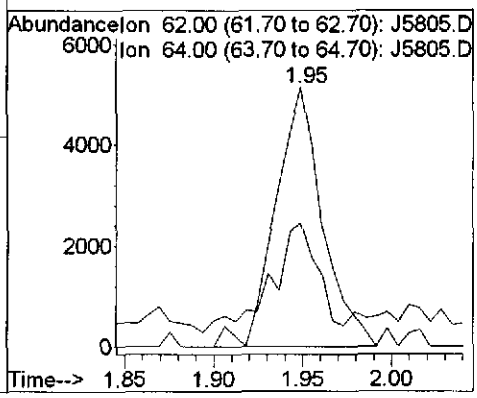


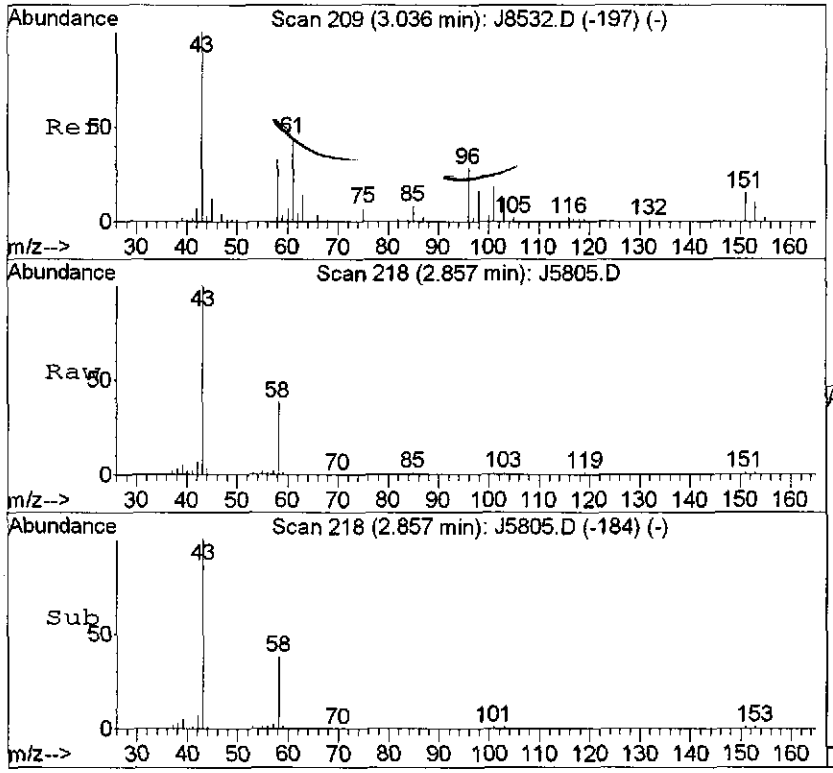


#4
C020 Vinyl chloride
Concen: 0.80 ug/L
RT: 1.95 min Scan# 69
Delta R.T. 0.02 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 62 Resp: 9392

Ion	Ratio	Lower	Upper
62	100		
64	47.8	10.4	50.4

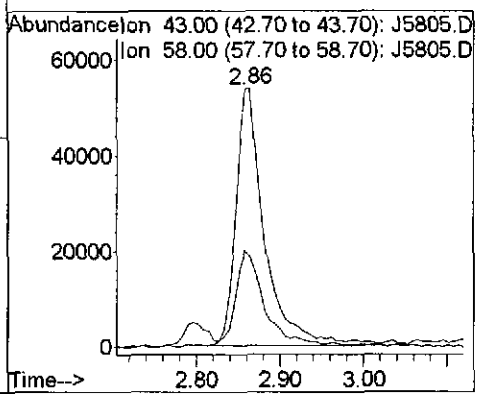


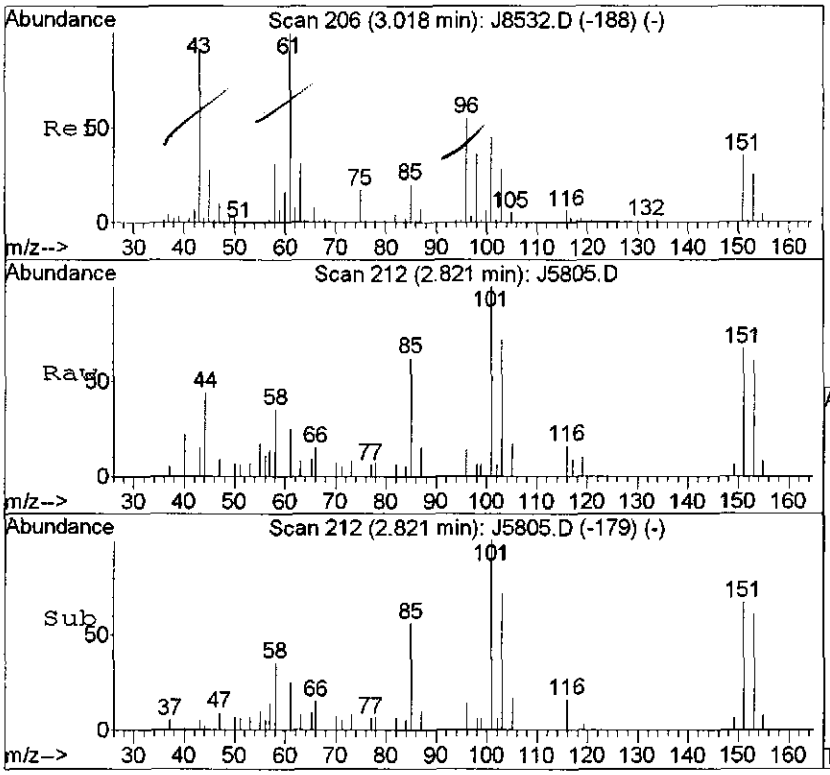


#13
C035 Acetone
Concen: 28.13 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 43 Resp: 128172

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.6	43.0

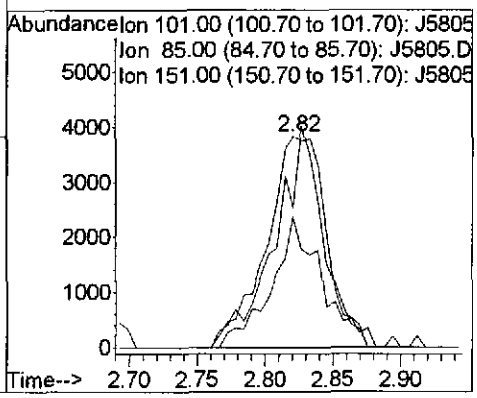


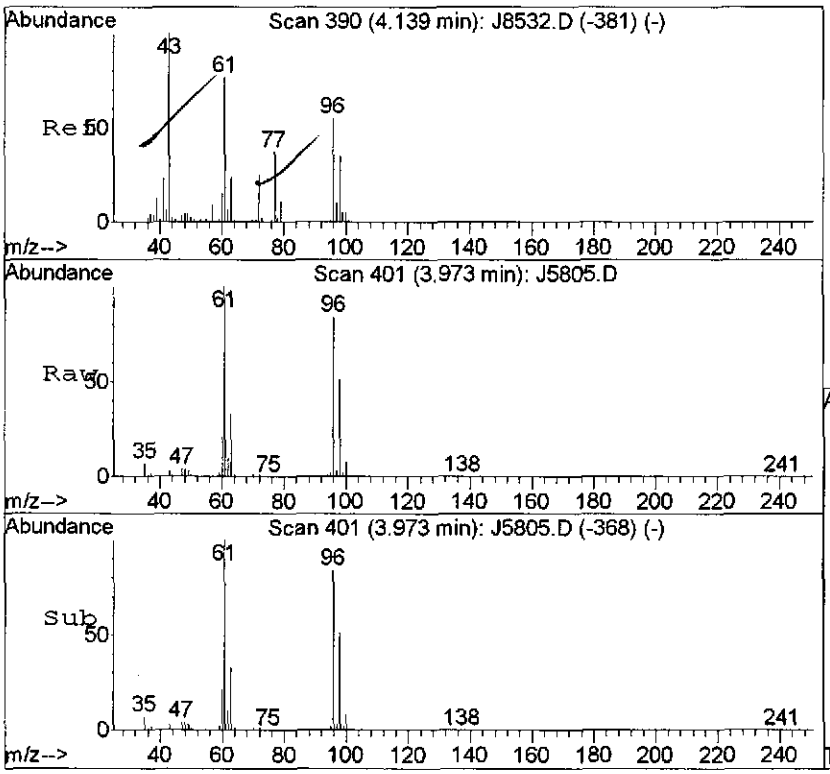


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 0.97 ug/L
RT: 2.82 min Scan# 212
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion:101 Resp: 11730

Ion	Ratio	Lower	Upper
101	100		
85	52.9	33.1	49.7#
151	85.4	58.9	88.3

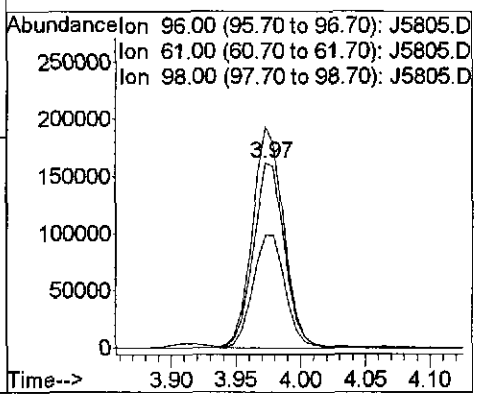


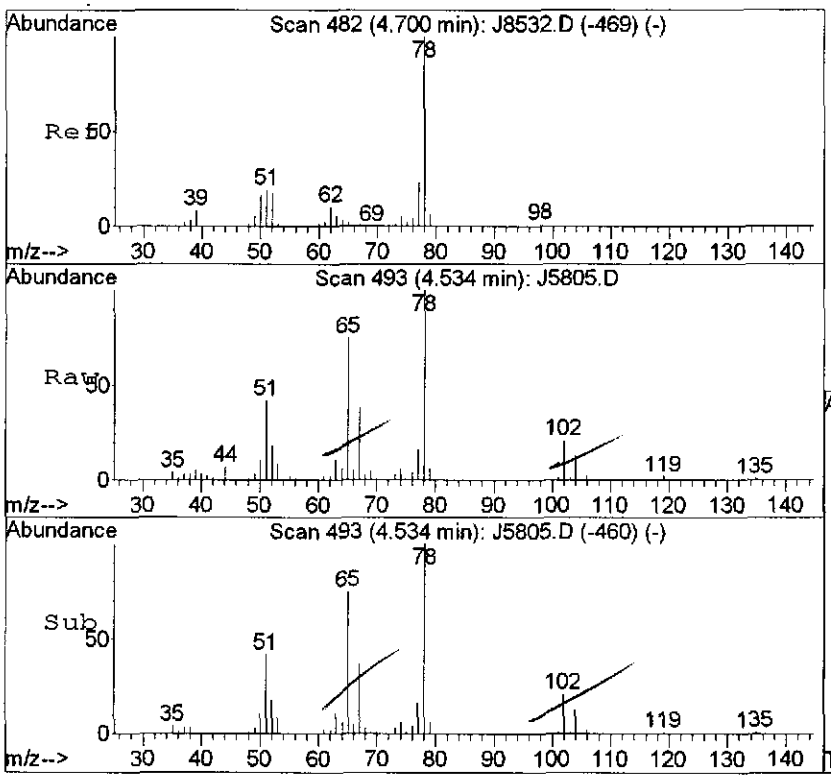


#23
C056 cis-1,2-Dichloroethene
Concen: 16.60 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 96 Resp: 271980

Ion	Ratio	Lower	Upper
96	100		
61	119.7	107.1	147.1
98	60.9	49.1	89.1

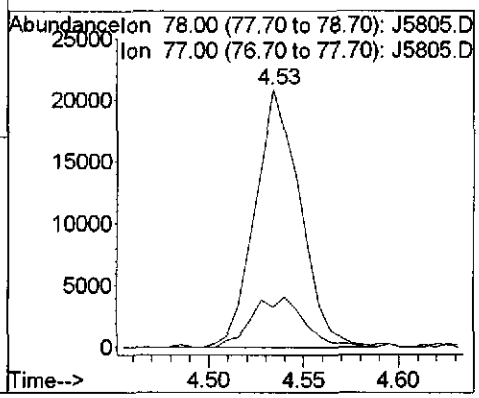


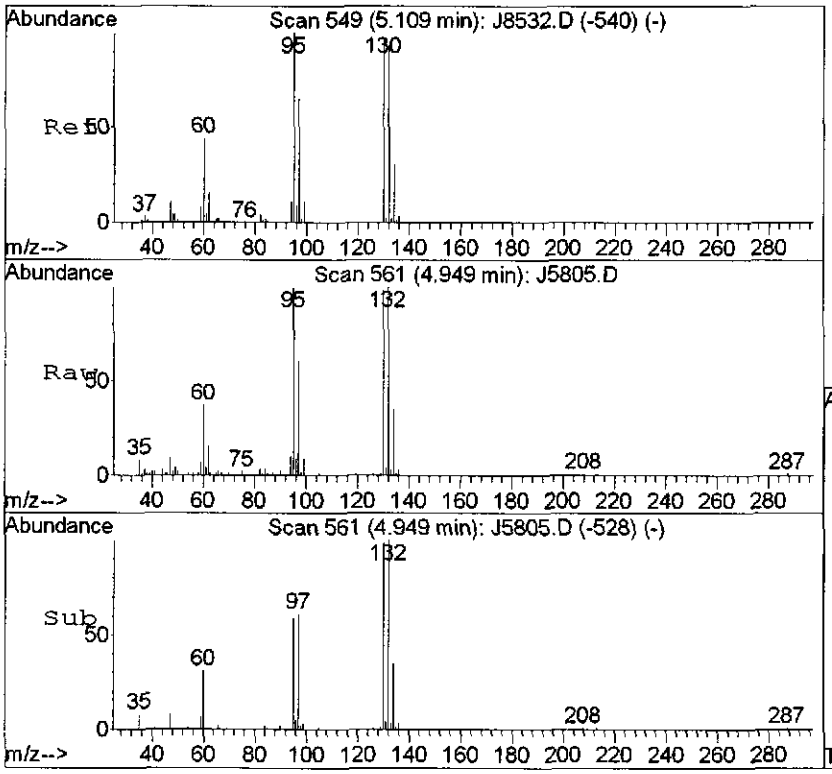


#31
C165 Benzene
Concen: 0.55 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 78 Resp: 34552

Ion	Ratio	Lower	Upper
78	100		
77	15.8	3.1	43.1

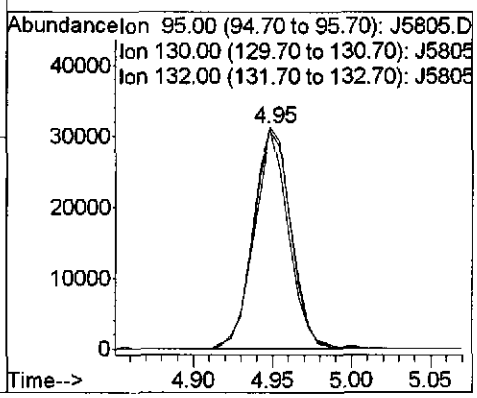


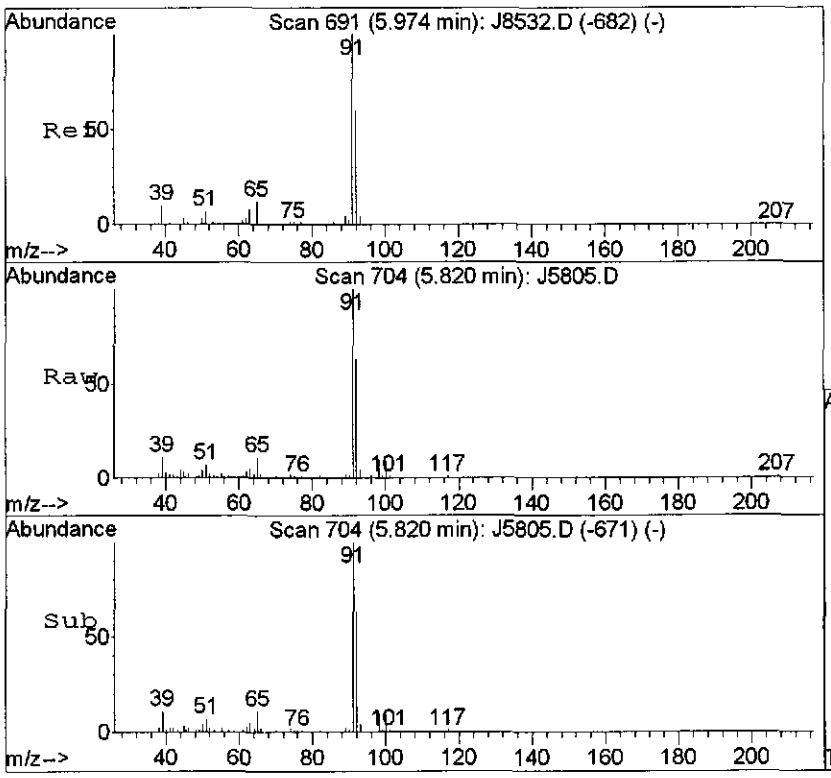


#35
C150 Trichloroethene
Concen: 3.12 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 95 Resp: 47748

Ion	Ratio	Lower	Upper
95	100		
130	99.0	76.8	116.8
132	100.7	73.1	113.1

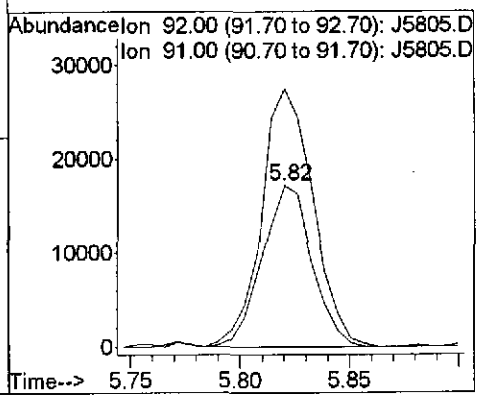


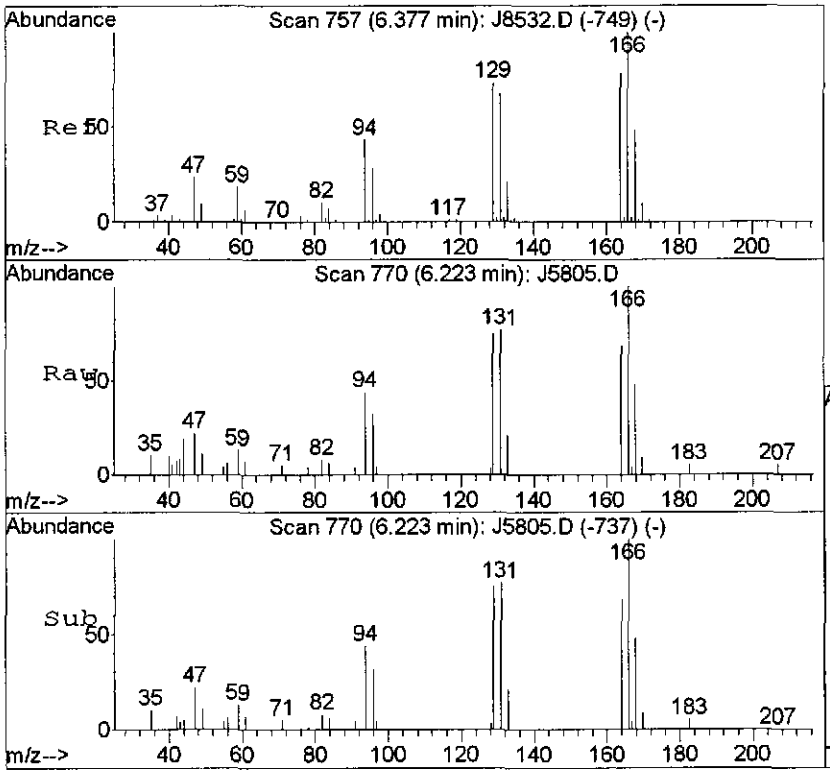


#44
C230 Toluene
Concen: 0.65 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 92 Resp: 27231

Ion	Ratio	Lower	Upper
92	100		
91	159.6	147.0	187.0

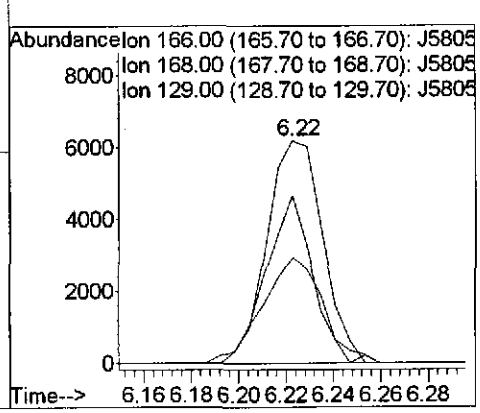




#49
C220 Tetrachloroethene
Concen: 0.61 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion:166 Resp: 10154

Ion	Ratio	Lower	Upper
166	100		
168	47.5	27.0	67.0
129	75.2	55.3	95.3



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (38-40)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-03 File ID: J5806.D

Sampled: 07/01/10 15:10 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 16:43

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.4	
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	18	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	16	
71-43-2	Benzene	1	0.61	J
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	18	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-7 (38-40)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-03 File ID: J5806.D

Sampled: 07/01/10 15:10 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 16:43

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	0.59	J
108-88-3	Toluene	1	0.60	J
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	4.0	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.4	93	66 - 137	
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	
Toluene-d8	25.0	24.4	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	489194	8.71	505586	8.71	
1,4-Difluorobenzene	937286	4.76	942126	4.75	
Chlorobenzene-d5	849172	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5806.D
Acq On : 6 Jul 2010 16:43
Operator : TRB
Sample : RTG0521-03
Misc : A+C SEDIMENT
ALS Vial : 15 Sample Multiplier: 1

S+6 TRB 7/7/10

Quant Time: Jul 07 08:36:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	937286	25.00	ug/L	0.00 99.49%
42) CI20	Chlorobenzene-D5	6.86	117	849172	25.00	ug/L	0.00 98.48%
61) CI30	1,4-Dichlorobenzene-	8.71	152	489194	25.00	ug/L	0.00 96.76%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	377005	23.37	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	93.48%	
43) CS05	Toluene-D8	5.77	98	1378165	24.35	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	97.40%	
60) CS10	p-Bromofluorobenzene	7.77	174	408335	23.38	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	93.52%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.70	85	126	N.D.		
3) C010	Chloromethane	1.80	50	538	N.D.		
4) C020	Vinyl chloride	1.95	62	9341	0.80	ug/L	72
5) C015	Bromomethane	2.20	94	103	N.D.		
6) C025	Chloroethane	2.27	64	78	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	1130	N.D.		
9) C030	Methylene chloride	3.15	84	1857	N.D.		
10) C040	Carbon disulfide	3.00	76	3019	N.D.		
11) C036	Acrolein	2.77	56	1201	N.D.		
12) C038	Acrylonitrile	3.32	53	173	N.D.		
13) C035	Acetone	2.86	43	70977	15.66	ug/L	98
14) C300	Acetonitrile	3.09	41	2447	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.83	101	17490	1.45	ug/L	94
17) C962	T-butyl Methyl Eth	3.33	73	81	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	2748	N.D.		
19) C255	Methyl Acetate	3.12	43	5073	N.D.		
20) C050	1,1-Dichloroethane	3.61	63	788	N.D.		
21) C125	Vinyl Acetate	3.58	43	1945	N.D.		
22) C051	2,2-Dichloropropan	4.00	77	82	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	300611	18.44	ug/L	95
24) C272	Tetrahydrofuran	4.15	42	593	N.D.		
25) C222	Bromochloromethane	4.18	128	80	N.D.		
26) C060	Chloroform	4.17	83	524	N.D.		
27) C115	1,1,1-Trichloroeth	4.30	97	463	N.D.		
28) C120	Carbon tetrachlori	4.34	117	181	N.D.		
29) C116	1,1-Dichloropropen	4.41	75	80	N.D.		
31) C165	Benzene	4.53	78	38526	0.61	ug/L	93
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.97	43	12448	N.D.		
34) C256	Cyclohexane	4.33	56	8508	N.D.		
35) C150	Trichloroethene	4.95	95	61027	4.01	ug/L	91
36) C140	1,2-Dichloropropan	5.07	63	180	N.D.		
37) C278	Dibromomethane	5.26	93	76	N.D.		
38) C130	Bromodichlorometha	5.34	83	95	N.D.		
39) C161	2-Chloroethylvinyl	5.39	63	75	N.D.		
40) C012	Methylcycolhexane	5.06	83	7197	N.D.		

7/13/10

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5806.D
Acq On : 6 Jul 2010 16:43
Operator : TRB
Sample : RTG0521-03
Misc : A+C SEDIMENT
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 07 08:36:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

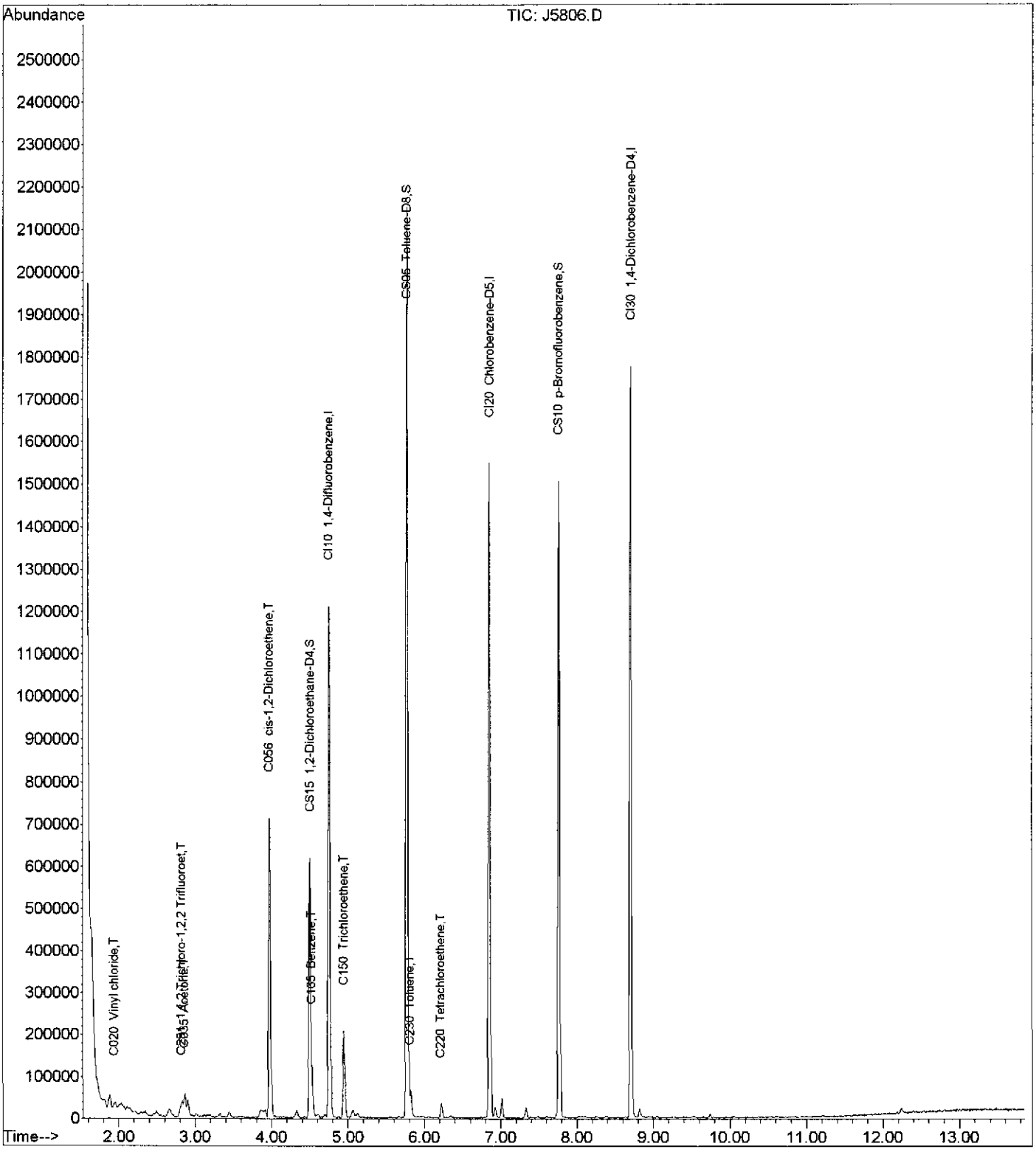
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.50	75	80	N.D.	
44) C230	Toluene	5.82	92	24700	0.60 ug/L	91
45) C170	trans-1,3-Dichloro	5.95	75	74	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	190	N.D.	
47) C160	1,1,2-Trichloroeth	6.14	83	90	N.D.	
48) C210	4-Methyl-2-pentano	5.66	43	2298	N.D.	
49) C220	Tetrachloroethene	6.22	166	9723	0.59 ug/L	92
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Chlorodibromometha	6.52	129	88	N.D.	
52) C163	1,2-Dibromoethane	6.47	107	113	N.D.	
53) C215	2-Hexanone	6.27	43	811	N.D.	
54) C235	Chlorobenzene	6.86	112	190	N.D.	
55) C281	1,1,1,2-Tetrachlor	6.91	131	76	N.D.	
56) C240	Ethylbenzene	6.92	91	16102	N.D.	
57) C246	m,p-Xylene	7.02	106	13262	N.D.	
58) C247	o-Xylene	7.33	106	6807	N.D.	
59) C245	Styrene	7.35	104	385	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	2717	N.D.	
64) C301	Bromobenzene	7.76	156	108	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.85	83	78	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	8.08	53	78	N.D.	
68) C302	n-Propylbenzene	7.94	91	918	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	2142	N.D.	
72) C306	tert-Butylbenzene	8.29	134	79	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	3071	N.D.	
74) C308	sec-Butylbenzene	8.52	105	537	N.D.	
75) C260	1,3-Dichlorobenzen	8.72	146	179	N.D.	
76) C309	4-Isopropyltoluene	8.62	119	900	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	283	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	2024	N.D.	
79) C310	n-Butylbenzene	8.97	91	1309	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.76	75	80	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	603	N.D.	
82) C316	Hexachlorobutadien	10.48	225	229	N.D.	
83) C314	Naphthalene	10.61	128	3194	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	468	N.D.	

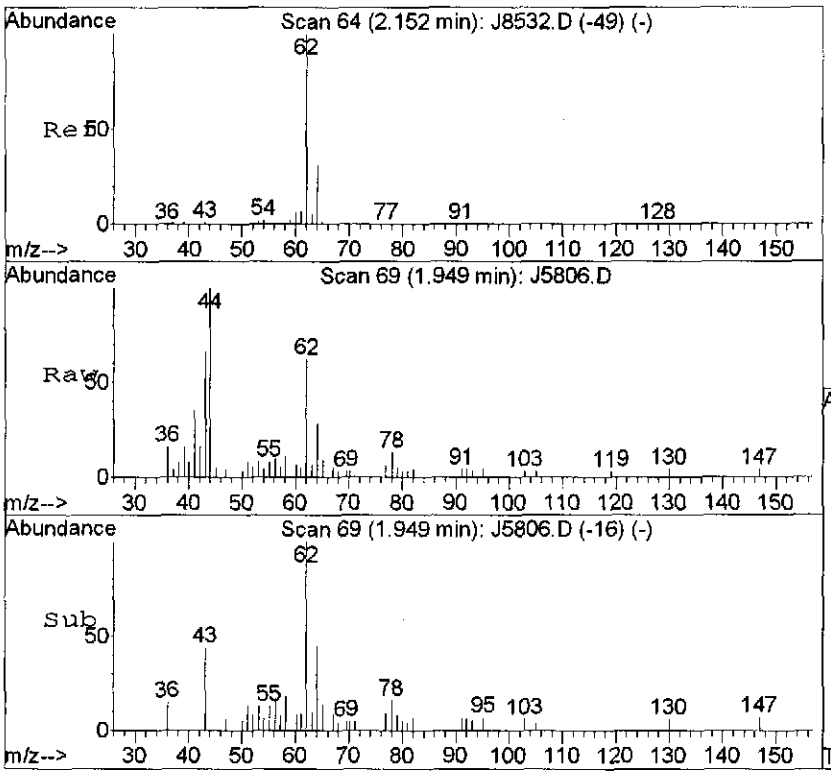
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5806.D
Acq On : 6 Jul 2010 16:43
Operator : TRB
Sample : RTG0521-03
Misc : A+C SEDIMENT
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 07 08:36:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

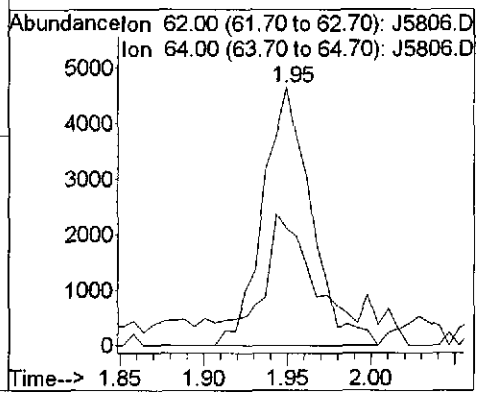


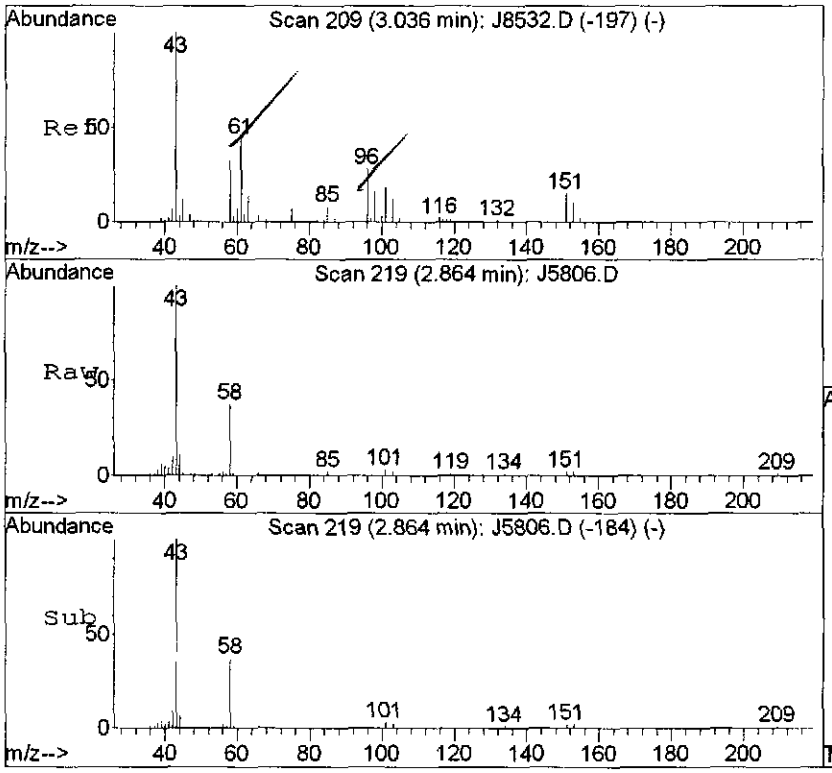


#4
C020 Vinyl chloride
Concen: 0.80 ug/L
RT: 1.95 min Scan# 69
Delta R.T. 0.02 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 62 Resp: 9341

Ion	Ratio	Lower	Upper
62	100		
64	45.4	10.4	50.4

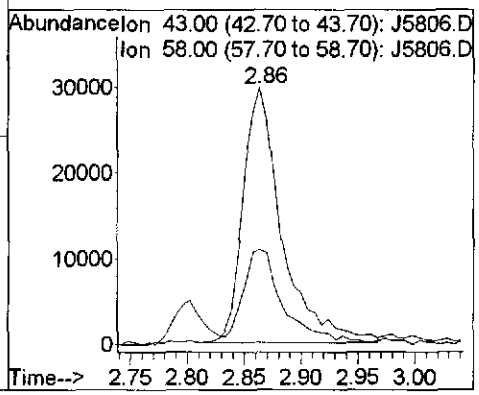


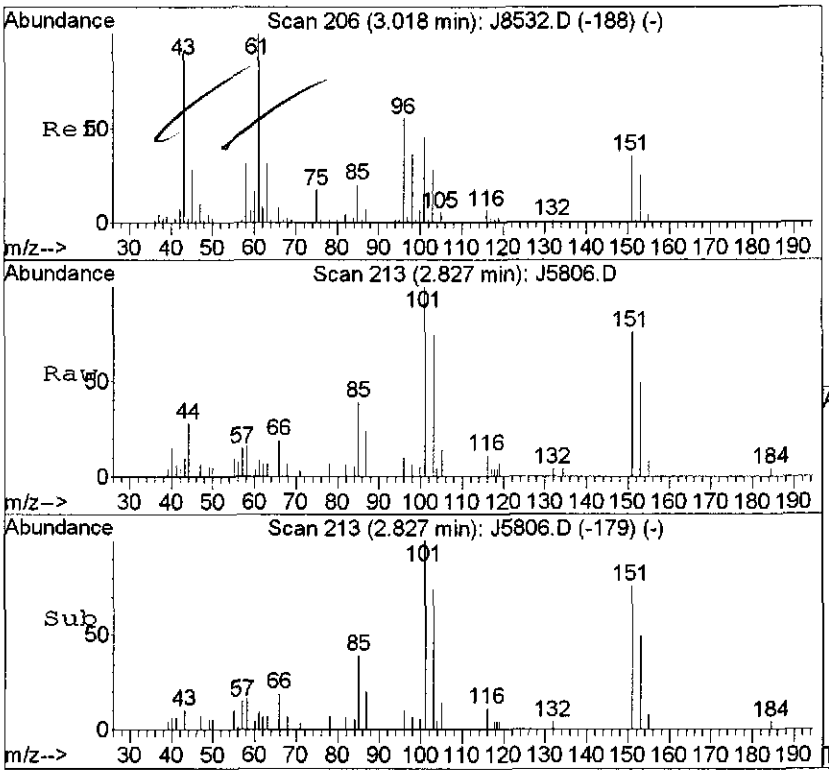


#13
C035 Acetone
Concen: 15.66 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 43 Resp: 70977

Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.6	43.0

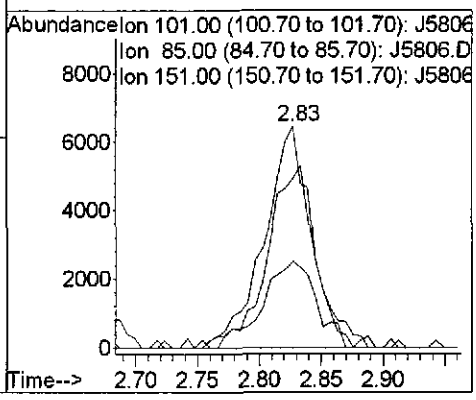


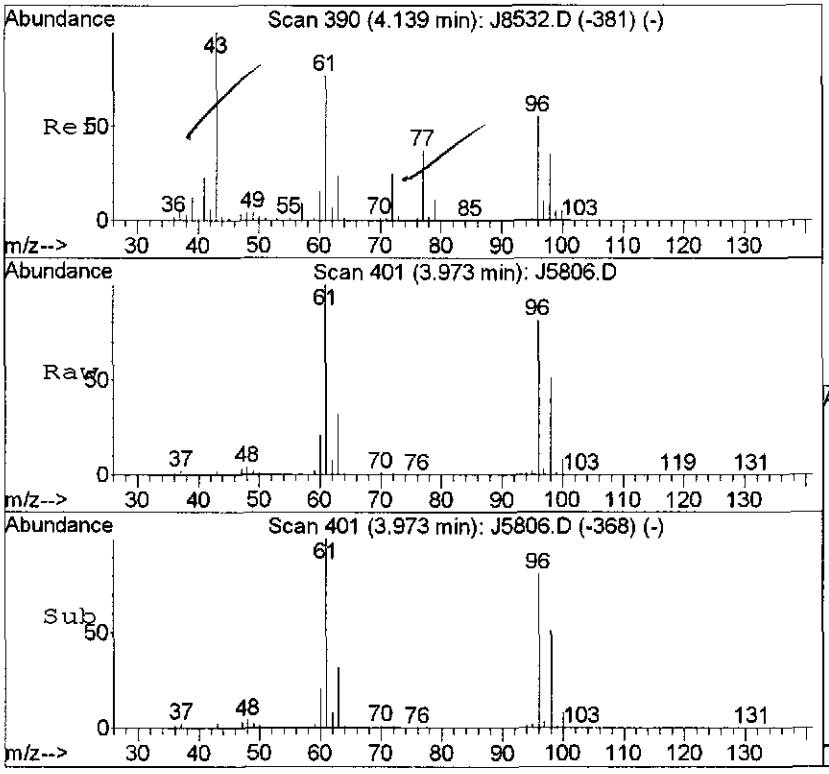


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 1.45 ug/L
RT: 2.83 min Scan# 213
Delta R.T. 0.01 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion:101 Resp: 17490

Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.1	49.7
151	80.4	58.9	88.3

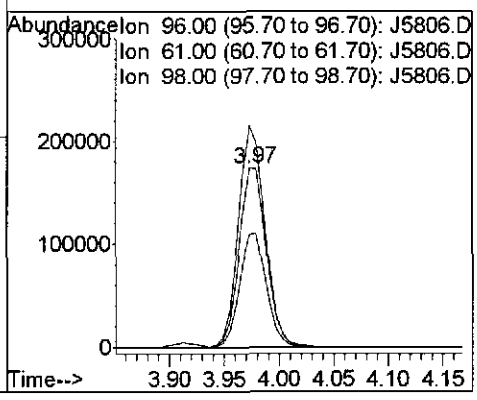


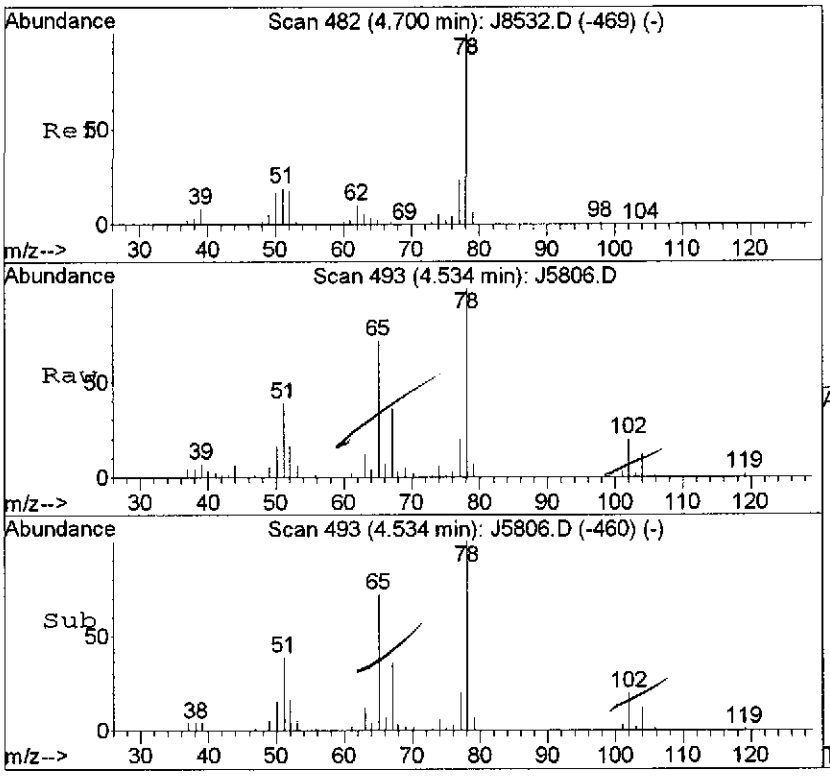


#23
C056 cis-1,2-Dichloroethene
Concen: 18.44 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 96 Resp: 300611

Ion	Ratio	Lower	Upper
96	100		
61	123.6	107.1	147.1
98	62.6	49.1	89.1

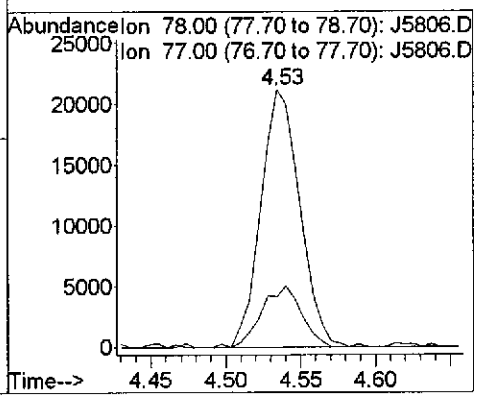


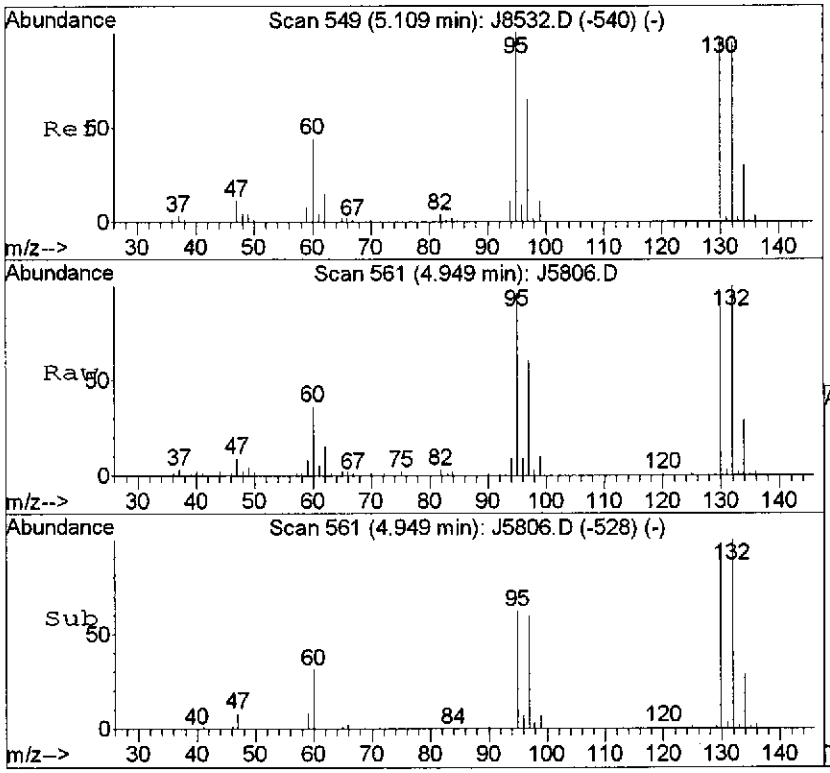


#31
C165 Benzene
Concen: 0.61 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 78 Resp: 38526

Ion	Ratio	Lower	Upper
78	100		
77	19.7	3.1	43.1

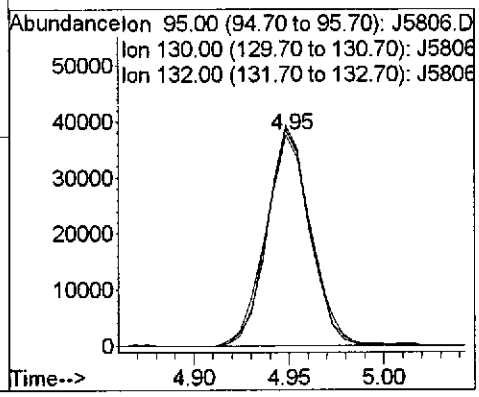


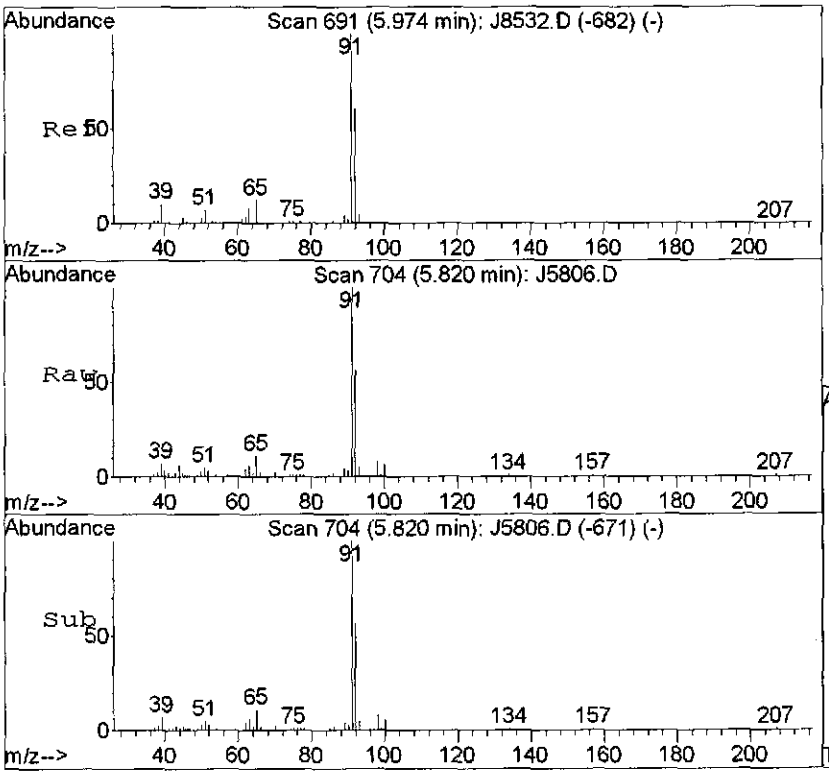


#35
C150 Trichloroethene
Concen: 4.01 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 95 Resp: 61027

Ion	Ratio	Lower	Upper
95	100		
130	102.8	76.8	116.8
132	104.6	73.1	113.1

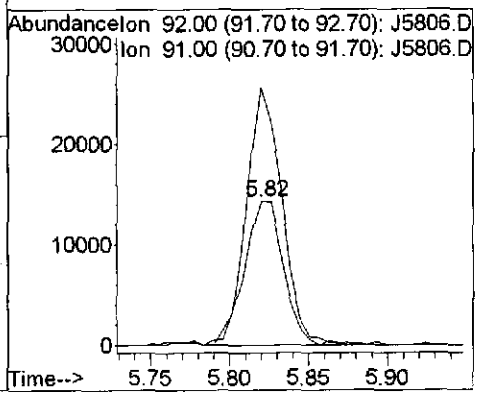


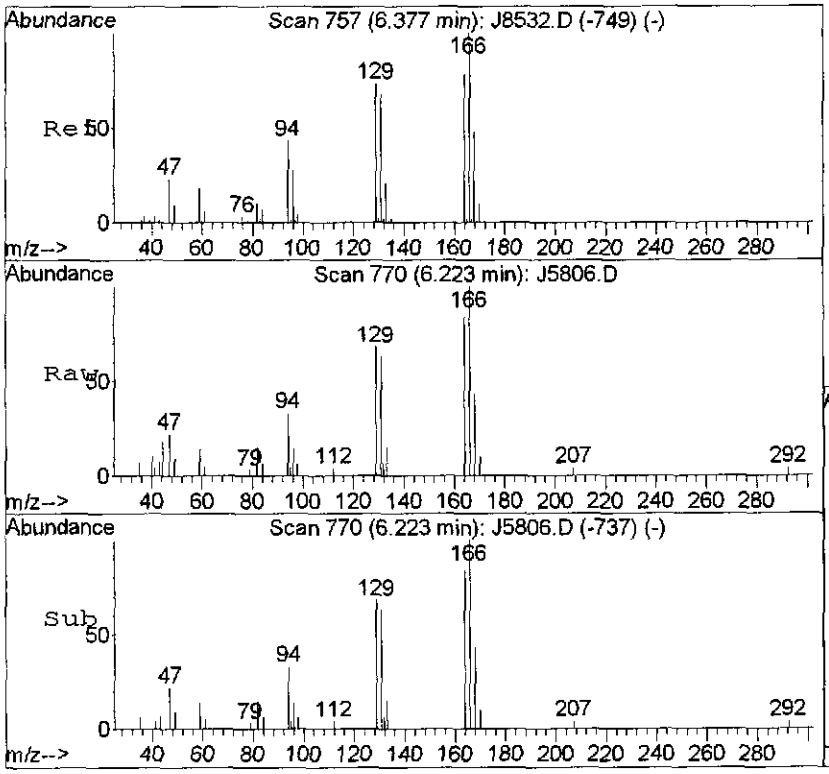


#44
C230 Toluene
Concen: 0.60 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 92 Resp: 24700

Ion	Ratio	Lower	Upper
92	100		
91	178.9	147.0	187.0

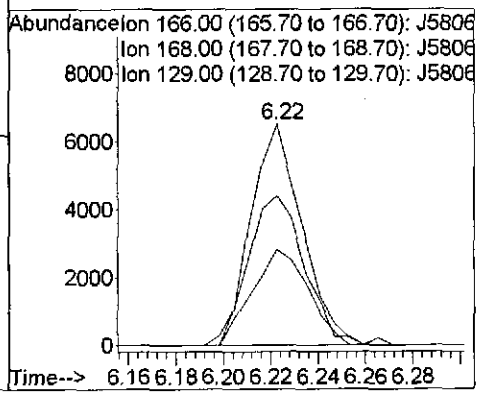




#49
C220 Tetrachloroethene
Concen: 0.59 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion:166 Resp: 9723

Ion	Ratio	Lower	Upper
166	100		
168	43.3	27.0	67.0
129	67.5	55.3	95.3



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-1 (7-9)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-04 File ID: J5807.D

Sampled: 07/02/10 09:42 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 17:04

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	3.1	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	4.1	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	3.1	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-1 (7-9)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-04 File ID: J5807.D

Sampled: 07/02/10 09:42 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 17:04

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	90	66 - 137	
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	
Toluene-d8	25.0	24.0	96	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	491005	8.71	505586	8.71	
1,4-Difluorobenzene	941225	4.75	942126	4.75	
Chlorobenzene-d5	857178	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5807.D
Acq On : 6 Jul 2010 17:04
Operator : TRB
Sample : RTG0521-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

SME 7/7/10

Quant Time: Jul 07 08:36:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	941225	25.00	ug/L	0.00 99.90%
42) CI20	Chlorobenzene-D5	6.86	117	857178	25.00	ug/L	0.00 99.40%
61) CI30	1,4-Dichlorobenzene-	8.71	152	491005	25.00	ug/L	0.00 97.12%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	365341	22.55	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	90.20%	
43) CS05	Toluene-D8	5.77	98	1373603	24.05	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	96.20%	
60) CS10	p-Bromofluorobenzene	7.77	174	412374	23.39	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	93.56%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.81	50	1872	N.D.		
4) C020	Vinyl chloride	1.92	62	580	N.D.		
5) C015	Bromomethane	2.17	94	77	N.D.		
6) C025	Chloroethane	2.21	64	85	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.16	84	202	N.D.		
10) C040	Carbon disulfide	3.00	76	3844	N.D.		
11) C036	Acrolein	2.75	56	618	N.D.		
12) C038	Acrylonitrile	3.32	53	204	N.D.		
13) C035	Acetone	2.86	43	18846	4.14	ug/L /	92
14) C300	Acetonitrile	3.10	41	833	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.82	101	311	N.D.		
17) C962	T-butyl Methyl Eth	3.33	73	78	N.D.		
18) C057	trans-1,2-Dichloro	3.31	96	797	N.D.		
19) C255	Methyl Acetate	3.06	43	813	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	609	N.D.		
21) C125	Vinyl Acetate	3.60	43	79	N.D.		
22) C051	2,2-Dichloropropan	3.98	77	87	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	50613	3.09	ug/L /	90
24) C272	Tetrahydrofuran	4.15	42	372	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.15	83	73	N.D.		
27) C115	1,1,1-Trichloroeth	4.29	97	1175	N.D.		
28) C120	Carbon tetrachlori	4.38	117	76	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.53	78	6616	N.D.		
32) C065	1,2-Dichloroethane	4.52	62	602	N.D.		
33) C110	2-Butanone	3.97	43	3068	N.D.		
34) C256	Cyclohexane	4.31	56	1494	N.D.		
35) C150	Trichloroethene	4.94	95	658	N.D.		
36) C140	1,2-Dichloropropan	5.12	63	73	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.22	83	80	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.07	83	1364	N.D.		

7/12/2010

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5807.D
Acq On : 6 Jul 2010 17:04
Operator : TRB
Sample : RTG0521-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 07 08:36:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	5.82	92	7057	N.D.		
45) C170	trans-1,3-Dichloro	5.89	75	106	N.D.		
46) C284	Ethyl Methacrylate	5.88	69	249	N.D.		
47) C160	1,1,2-Trichloroeth	6.13	83	91	N.D.		
48) C210	4-Methyl-2-pentano	5.66	43	576	N.D.		
49) C220	Tetrachloroethene	6.14	166	105	N.D.		
50) C221	1,3-Dichloropropan	6.27	76	91	N.D.		
51) C155	Chlorodibromometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.27	43	440	N.D.		
54) C235	Chlorobenzene	6.97	112	74	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	6.93	91	3109	N.D.		
57) C246	m,p-Xylene	7.02	106	2922	N.D.		
58) C247	o-Xylene	7.33	106	1511	N.D.		
59) C245	Styrene	7.35	104	201	N.D.		
62) C180	Bromoform	7.47	173	74	N.D.		
63) C966	Isopropylbenzene	7.60	105	185	N.D.		
64) C301	Bromobenzene	7.77	156	111	N.D.		
65) C225	1,1,2,2-Tetrachlor	7.89	83	80	N.D.		
66) C282	1,2,3-Trichloropro	7.76	110	77	N.D.		
67) C283	t-1,4-Dichloro-2-B	7.97	53	100	N.D.		
68) C302	n-Propylbenzene	7.94	91	1373	N.D.		
69) C303	2-Chlorotoluene	8.21	126	75	N.D.		
70) C289	4-Chlorotoluene	8.21	126	75	N.D.		
71) C304	1,3,5-Trimethylben	8.07	105	974	N.D.		
72) C306	tert-Butylbenzene	8.42	134	92	N.D.		
73) C307	1,2,4-Trimethylben	8.39	105	2840	N.D.		
74) C308	sec-Butylbenzene	8.52	105	328	N.D.		
75) C260	1,3-Dichlorobenzen	8.69	146	76	N.D.		
76) C309	4-Isopropyltoluene	8.62	119	2091	N.D.		
77) C267	1,4-Dichlorobenzen	8.74	146	112	N.D.		
78) C249	1,2-Dichlorobenzen	9.05	146	87	N.D.		
79) C310	n-Butylbenzene	8.97	91	676	N.D.		
80) C286	1,2-Dibromo-3-Chlo	9.62	75	79	N.D.		
81) C313	1,2,4-Trichloroben	10.38	180	326	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.61	128	5914	N.D.		
84) C934	1,2,3-Trichloroben	10.81	180	424	N.D.		

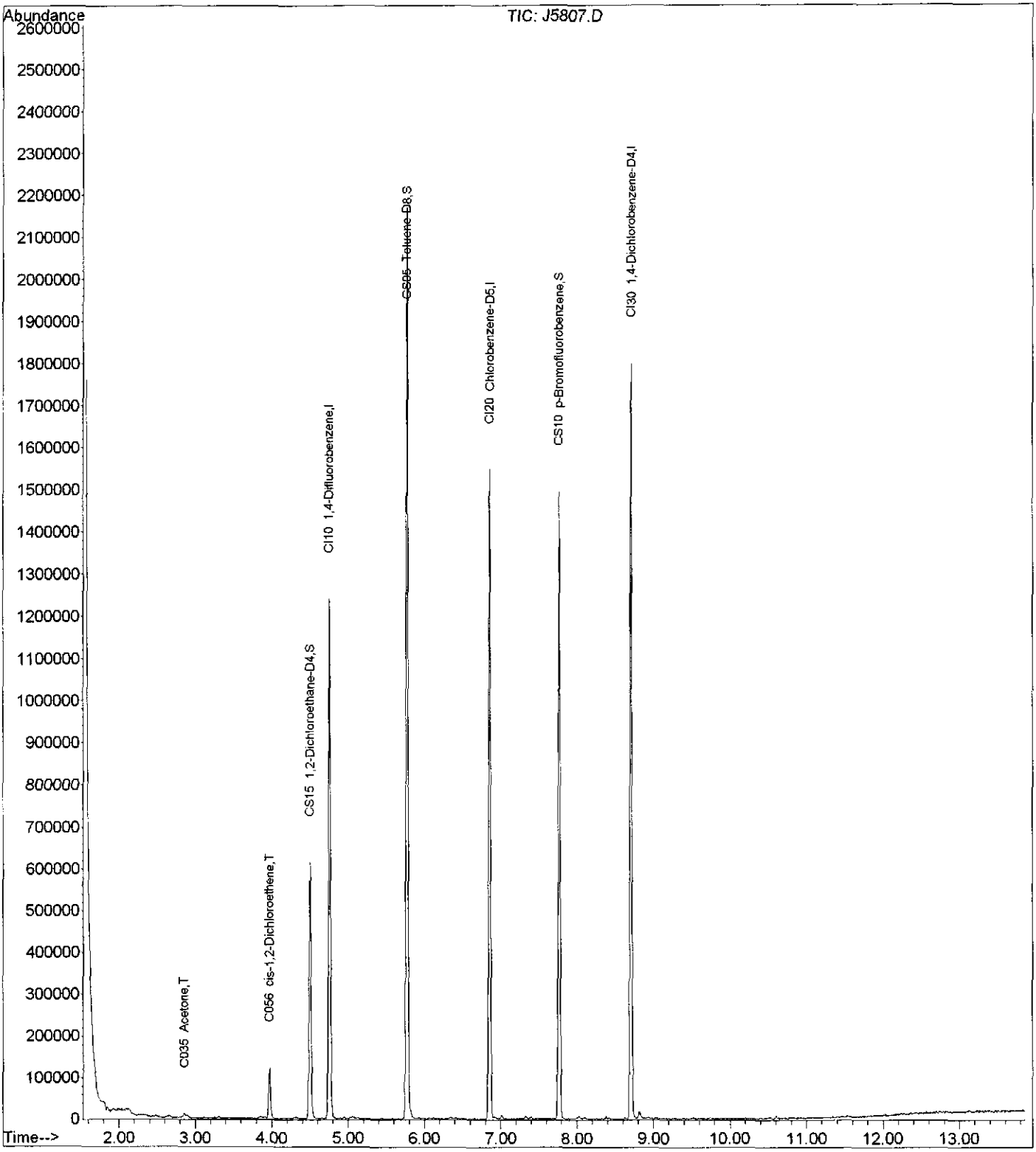
(#) = qualifier out of range (m) = manual integration (+) = signals summed

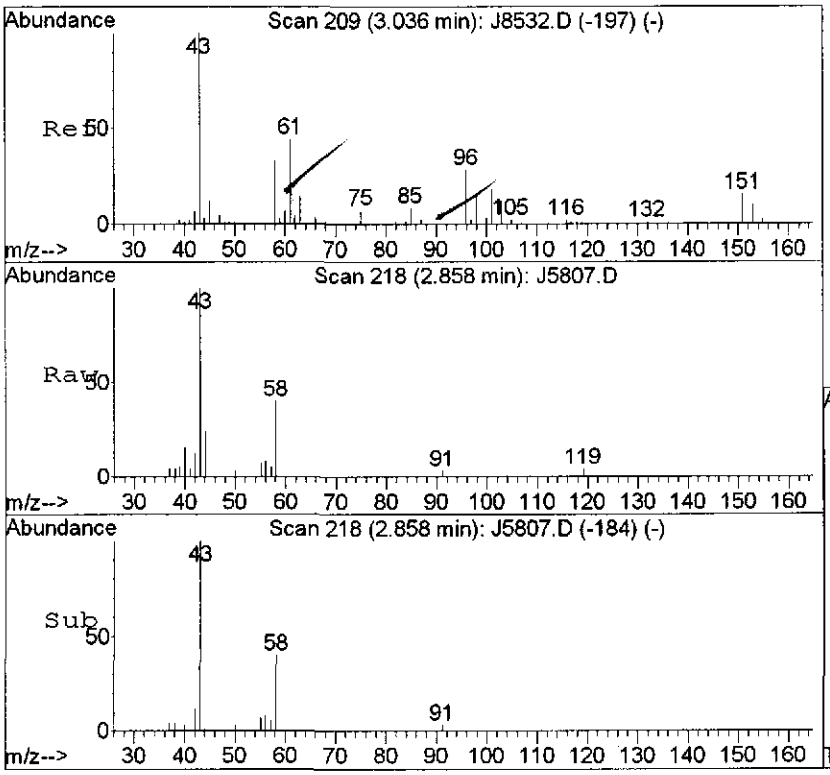
7/7/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5807.D
Acq On : 6 Jul 2010 17:04
Operator : TRB
Sample : RTG0521-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 07 08:36:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

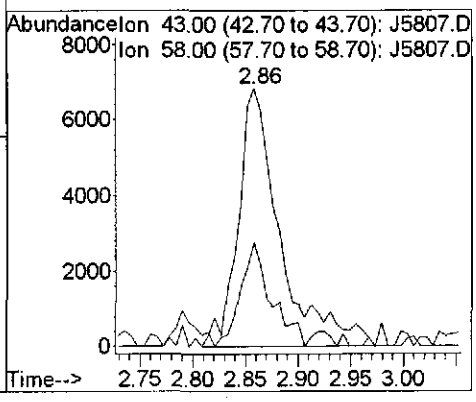


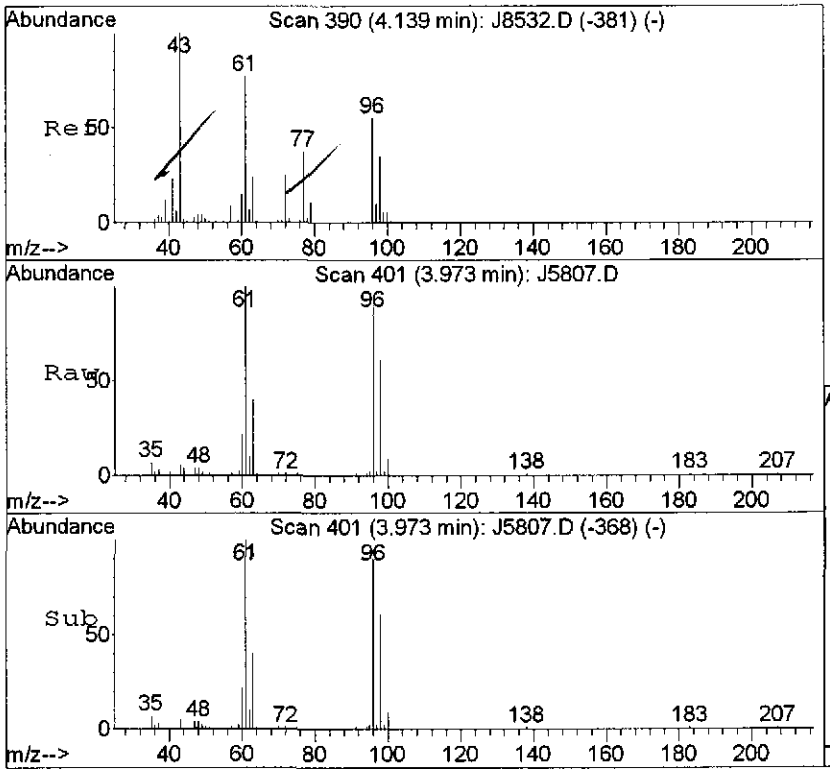


#13
C035 Acetone
Concen: 4.14 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5807.D
Acq: 6 Jul 2010 17:04

Tgt Ion: 43 Resp: 18846

Ion	Ratio	Lower	Upper
43	100		
58	40.4	28.6	43.0

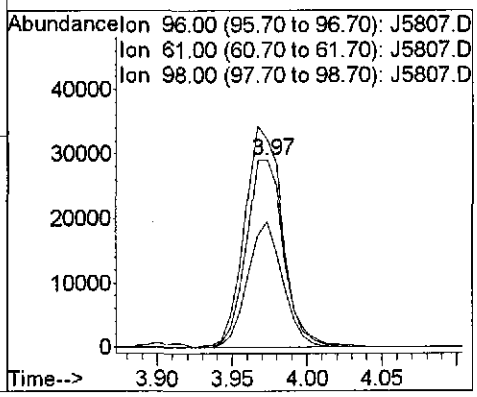




#23
C056 cis-1,2-Dichloroethene
Concen: 3.09 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5807.D
Acq: 6 Jul 2010 17:04

Tgt Ion: 96 Resp: 50613

Ion	Ratio	Lower	Upper
96	100		
61	110.6	107.1	147.1
98	67.2	49.1	89.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-1 (11-13)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-05 File ID: J5808.D

Sampled: 07/02/10 09:32 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 17:26

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.95	J
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.3	
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	3.3	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	3.7	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	3.3	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-1 (11-13)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-05	File ID:	J5808.D
Sampled:	07/02/10 09:32	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 17:26
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020	Instrument:	HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	44	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.4	90	66 - 137	
4-Bromofluorobenzene	25.0	22.9	92	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	507777	8.71	505586	8.71	
1,4-Difluorobenzene	969018	4.75	942126	4.75	
Chlorobenzene-d5	877062	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5808.D
Acq On : 6 Jul 2010 17:26
Operator : TRB
Sample : RTG0521-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 07 08:37:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.75	114	969018	25.00	ug/L	0.00 102.85%
42) CI20 Chlorobenzene-D5	6.86	117	877062	25.00	ug/L	0.00 101.71%
61) CI30 1,4-Dichlorobenzene-	8.71	152	507777	25.00	ug/L	0.00 100.43%
System Monitoring Compounds						
30) CS15 1,2-Dichloroethane-D	4.51	65	374181	22.43	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 89.72%			
43) CS05 Toluene-D8	5.77	98	1369555	23.43	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 93.72%			
60) CS10 p-Bromofluorobenzene	7.77	174	413389	22.92	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 91.68%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	1.70	85	76	N.D.		
3) C010 Chloromethane	1.81	50	669	N.D.		
4) C020 Vinyl chloride	1.94	62	3511	N.D.		
5) C015 Bromomethane	2.17	94	93	N.D.		
6) C025 Chloroethane	2.25	64	78	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.83	96	2038	N.D.		
9) C030 Methylene chloride	3.16	84	381	N.D.		
10) C040 Carbon disulfide	3.00	76	9988	N.D.		
11) C036 Acrolein	2.78	56	873	N.D.		
12) C038 Acrylonitrile	3.37	53	113	N.D.		
13) C035 Acetone	2.86	43	17506	3.74	ug/L #	88
14) C300 Acetonitrile	3.00	41	810	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	2.83	101	16319	1.31	ug/L	86
17) C962 T-butyl Methyl Eth	3.30	73	213	N.D.		
18) C057 trans-1,2-Dichloro	3.32	96	1066	N.D.		
19) C255 Methyl Acetate	3.04	43	937	N.D.		
20) C050 1,1-Dichloroethane	3.60	63	5963	N.D.		
21) C125 Vinyl Acetate	3.58	43	3308	N.D.		
22) C051 2,2-Dichloropropan	3.99	77	78	N.D.		
23) C056 cis-1,2-Dichloroethe	3.97	96	56112	3.33	ug/L	96
24) C272 Tetrahydrofuran	4.14	42	105	N.D.		
25) C222 Bromochloromethane	4.19	128	120	N.D.		
26) C060 Chloroform	4.17	83	110	N.D.		
27) C115 1,1,1-Trichloroethan	4.30	97	21226	0.95	ug/L	94
28) C120 Carbon tetrachlori	4.41	117	116	N.D.		
29) C116 1,1-Dichloropropen	4.49	75	80	N.D.		
31) C165 Benzene	4.53	78	9750	N.D.		
32) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110 2-Butanone	3.97	43	5156	N.D.		
34) C256 Cyclohexane	4.31	56	1568	N.D.		
35) C150 Trichloroethene	4.95	95	698573	44.40	ug/L	91
36) C140 1,2-Dichloropropan	5.08	63	80	N.D.		
37) C278 Dibromomethane	5.21	93	78	N.D.		
38) C130 Bromodichlorometha	0.00	83	0	N.D.		
39) C161 2-Chloroethylvinyl	5.40	63	78	N.D.		
40) C012 Methylcycolhexane	5.08	83	1762	N.D.		

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5808.D
Acq On : 6 Jul 2010 17:26
Operator : TRB
Sample : RTG0521-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 07 08:37:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

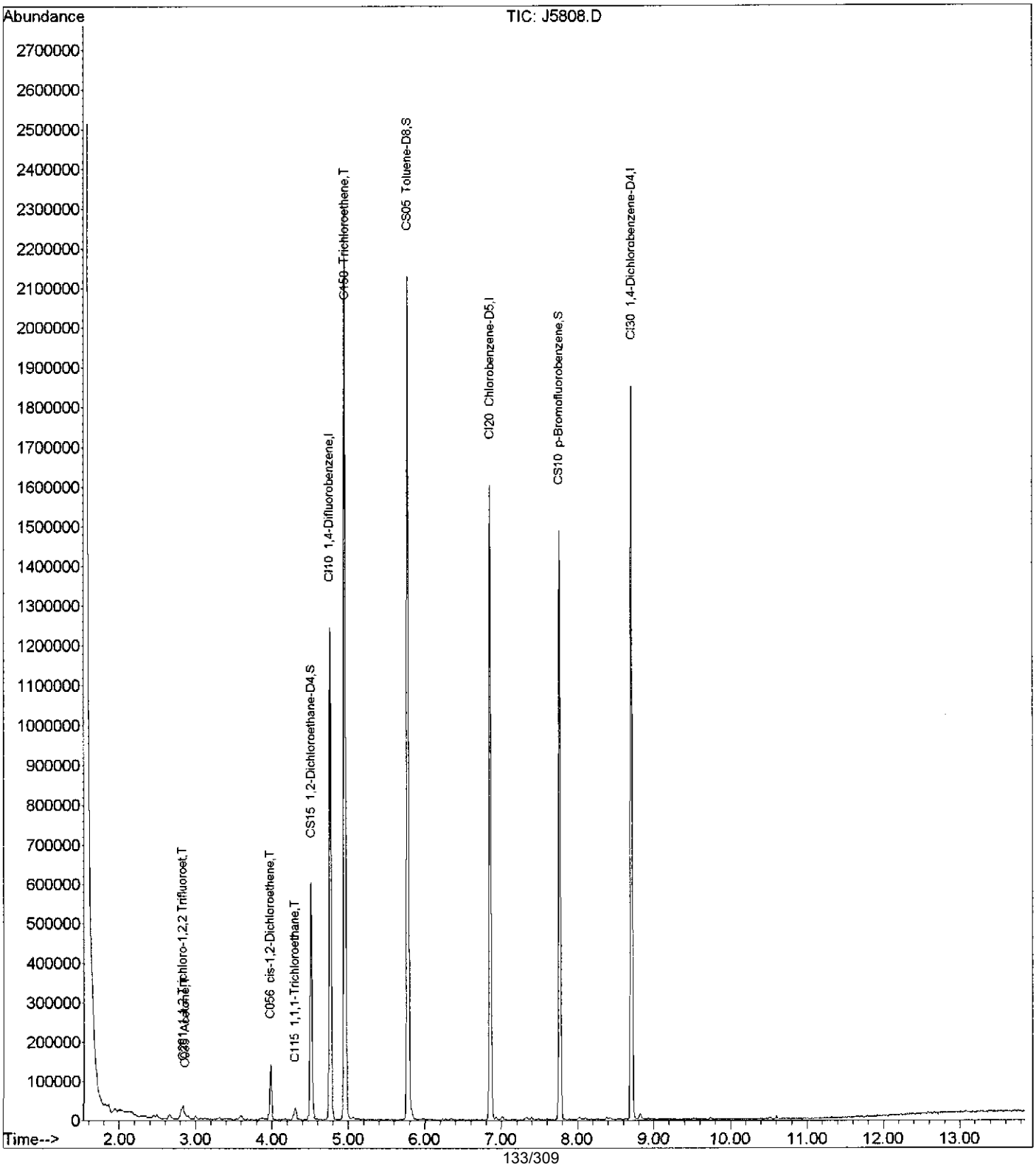
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.47	75	97	N.D.	
44) C230	Toluene	5.82	92	8453	N.D.	
45) C170	trans-1,3-Dichloro	5.97	75	86	N.D.	
46) C284	Ethyl Methacrylate	6.00	69	83	N.D.	
47) C160	1,1,2-Trichloroeth	6.13	83	78	N.D.	
48) C210	4-Methyl-2-pentano	5.68	43	630	N.D.	
49) C220	Tetrachloroethene	6.22	166	493	N.D.	
50) C221	1,3-Dichloropropan	6.25	76	76	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	365	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.92	91	3358	N.D.	
57) C246	m,p-Xylene	7.01	106	2783	N.D.	
58) C247	o-Xylene	7.33	106	1372	N.D.	
59) C245	Styrene	7.35	104	467	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	443	N.D.	
64) C301	Bromobenzene	7.78	156	75	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.87	83	86	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.91	53	93	N.D.	
68) C302	n-Propylbenzene	7.94	91	916	N.D.	
69) C303	2-Chlorotoluene	8.05	126	99	N.D.	
70) C289	4-Chlorotoluene	8.05	126	99	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	970	N.D.	
72) C306	tert-Butylbenzene	8.37	134	78	N.D.	
73) C307	1,2,4-Trimethylben	8.37	105	3030	N.D.	
74) C308	sec-Butylbenzene	8.51	105	397	N.D.	
75) C260	1,3-Dichlorobenzen	8.73	146	161	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	1439	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	161	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	8.97	91	681	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	436	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.61	128	5447	N.D.	
84) C934	1,2,3-Trichloroben	10.82	180	456	N.D.	

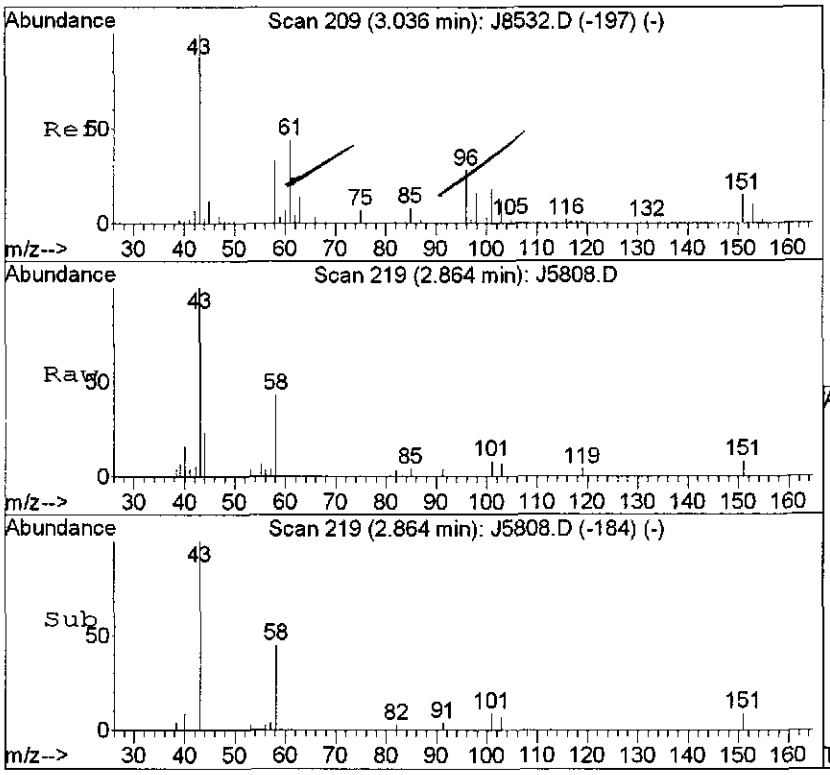
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/12/2010

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5808.D
Acq On : 6 Jul 2010 17:26
Operator : TRB
Sample : RTG0521-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 07 08:37:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

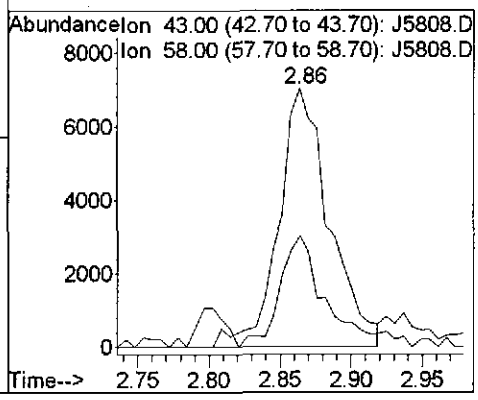


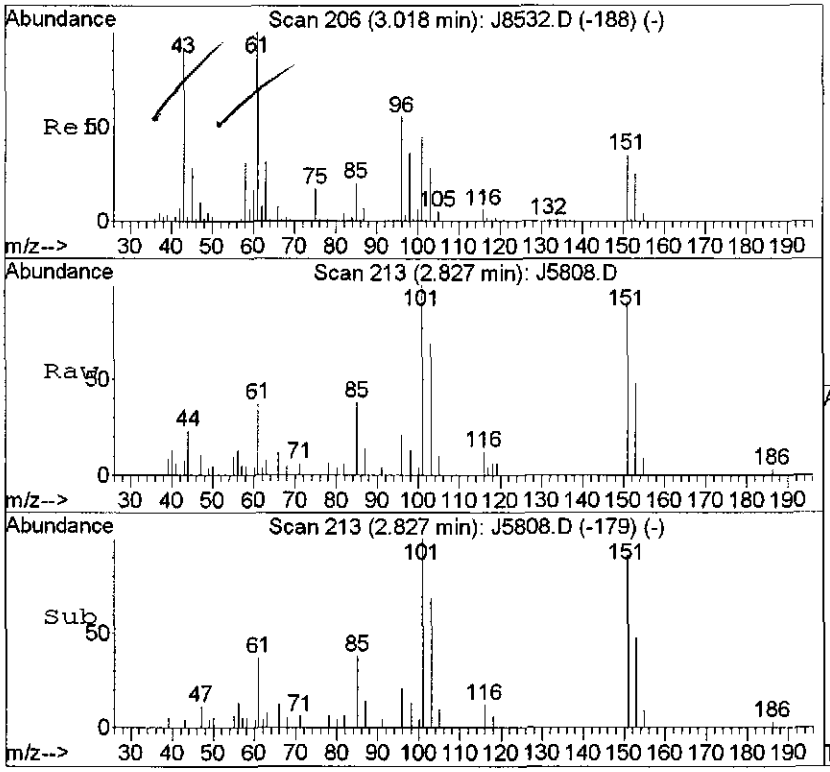


#13
C035 Acetone
Concen: 3.74 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion: 43 Resp: 17506

Ion	Ratio	Lower	Upper
43	100		
58	43.1	28.6	43.0#

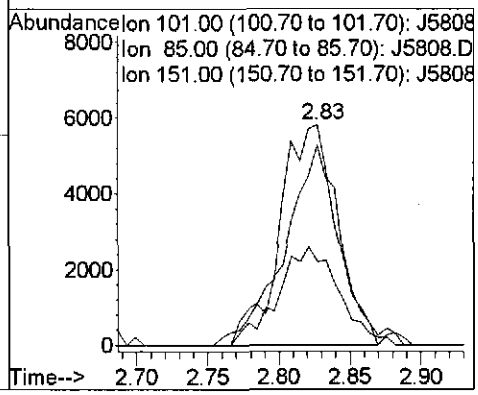


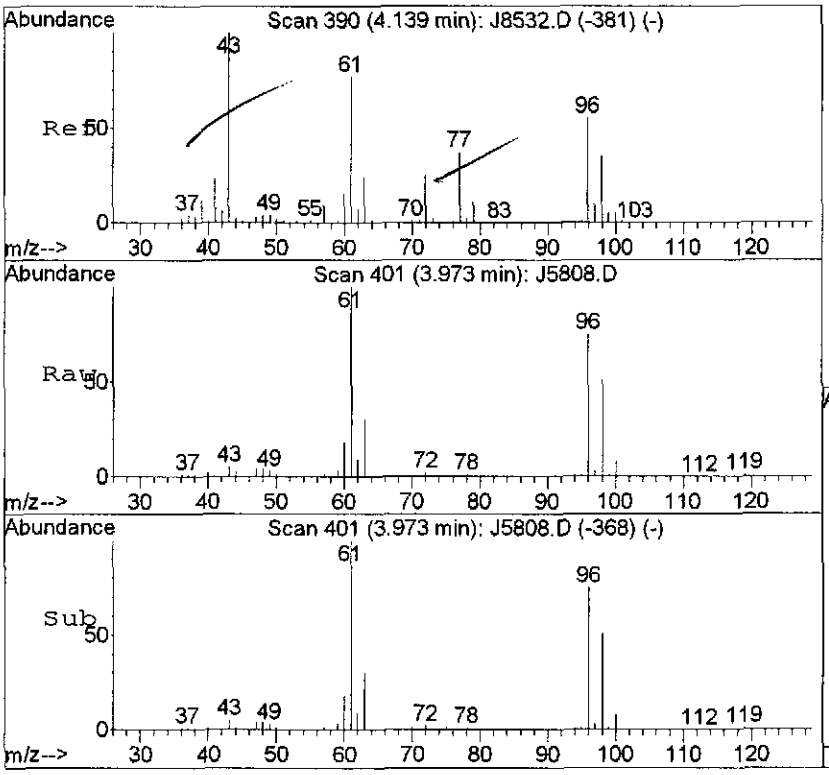


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 1.31 ug/L
RT: 2.83 min Scan# 213
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion:101 Resp: 16319

Ion	Ratio	Lower	Upper
101	100		
85	47.5	33.1	49.7
151	88.0	58.9	88.3

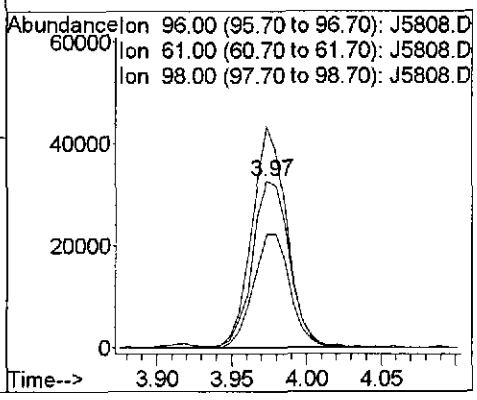


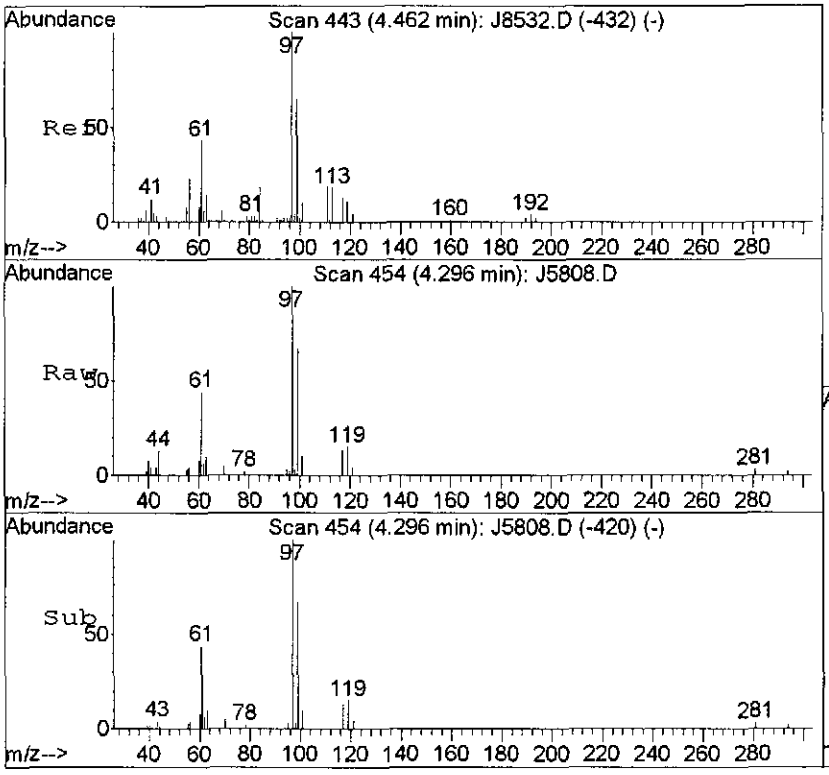


#23
C056 cis-1,2-Dichloroethene
Concen: 3.33 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion: 96 Resp: 56112

Ion	Ratio	Lower	Upper
96	100		
61	132.8	107.1	147.1
98	68.1	49.1	89.1

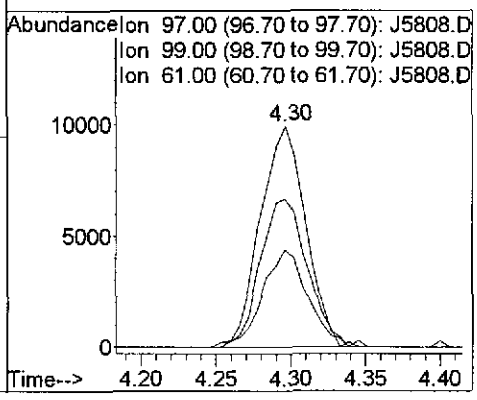


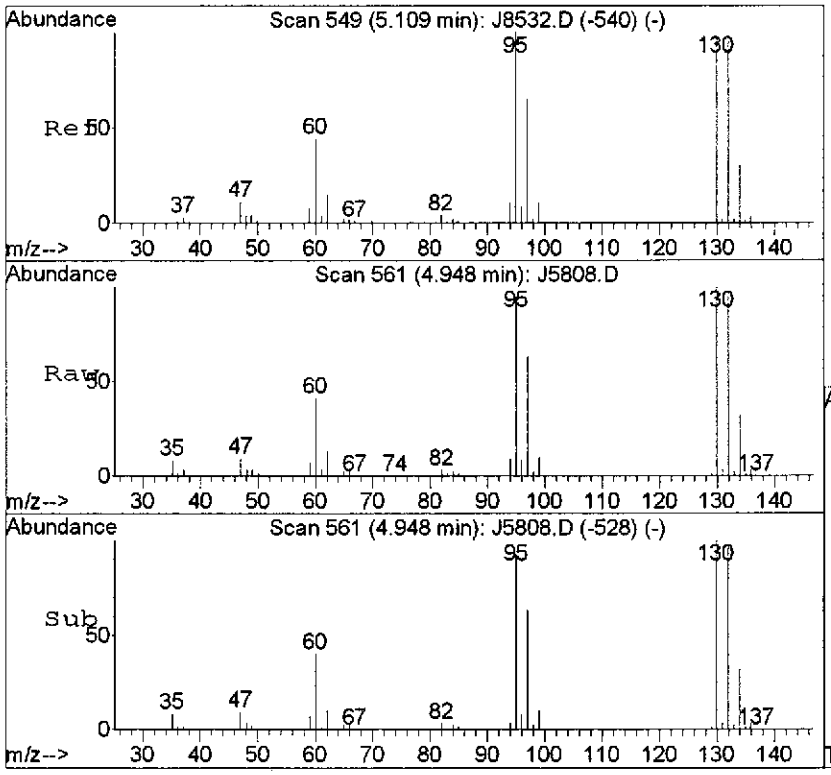


#27
C115 1,1,1-Trichloroethane
Concen: 0.95 ug/L
RT: 4.30 min Scan# 454
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion: 97 Resp: 21226

Ion	Ratio	Lower	Upper
97	100		
99	67.0	41.8	81.8
61	44.1	27.6	67.6

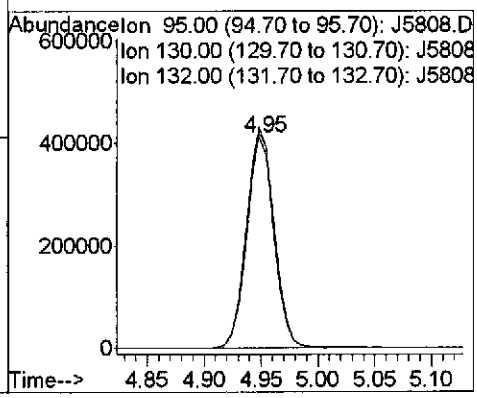




#35
C150 Trichloroethene
Concen: 44.40 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion: 95 Resp: 698573

Ion	Ratio	Lower	Upper
95	100		
130	105.2	76.8	116.8
132	102.3	73.1	113.1



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-1 (23-25)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-06 File ID: J5809.D

Sampled: 07/02/10 10:41 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 17:48

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	31	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	5.5	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	0.60	J
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	31	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-1 (23-25)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-06	File ID:	J5809.D
Sampled:	07/02/10 10:41	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 17:48
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020	Instrument:	HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	3.6	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	6.1	
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.3	89	66 - 137	
4-Bromofluorobenzene	25.0	22.7	91	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	501136	8.71	505586	8.71	
1,4-Difluorobenzene	962345	4.75	942126	4.75	
Chlorobenzene-d5	868133	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5809.D
Acq On : 6 Jul 2010 17:48
Operator : TRB
Sample : RTG0521-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 08:37:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	962345	25.00	ug/L	0.00 102.15%
42) CI20	Chlorobenzene-D5	6.86	117	868133	25.00	ug/L	0.00 100.67%
61) CI30	1,4-Dichlorobenzene-	8.71	152	501136	25.00	ug/L	0.00 99.12%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	369149	22.29	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		89.16%
43) CS05	Toluene-D8	5.77	98	1353469	23.39	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		93.56%
60) CS10	p-Bromofluorobenzene	7.76	174	405306	22.70	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		90.80%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.82	50	1258	N.D.		
4) C020	Vinyl chloride	1.92	62	73600	6.11	ug/L	98
5) C015	Bromomethane	2.20	94	524	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.81	96	5741	N.D.		
9) C030	Methylene chloride	3.15	84	324	N.D.		
10) C040	Carbon disulfide	3.00	76	25099	0.60	ug/L	98
11) C036	Acrolein	2.75	56	246	N.D.		
12) C038	Acrylonitrile	3.33	53	104	N.D.		
13) C035	Acetone	2.86	43	25787	5.54	ug/L	97
14) C300	Acetonitrile	3.06	41	386	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.80	101	975	N.D.		
17) C962	T-butyl Methyl Eth	3.30	73	123	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	2714	N.D.		
19) C255	Methyl Acetate	3.06	43	947	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	26538	1.02	ug/L	89
21) C125	Vinyl Acetate	3.60	43	338	N.D.		
22) C051	2,2-Dichloropropan	3.98	77	114	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	511983	30.59	ug/L	94
24) C272	Tetrahydrofuran	4.16	42	1791	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.30	97	483	N.D.		
28) C120	Carbon tetrachlori	4.45	117	90	N.D.		
29) C116	1,1-Dichloropropen	4.28	75	84	N.D.		
31) C165	Benzene	4.53	78	10600	N.D.		
32) C065	1,2-Dichloroethane	4.53	62	590	N.D.		
33) C110	2-Butanone	3.97	43	7752	N.D.		
34) C256	Cyclohexane	4.32	56	1602	N.D.		
35) C150	Trichloroethene	4.95	95	55842	3.57	ug/L	92
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.05	83	1896	N.D.		

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5809.D
Acq On : 6 Jul 2010 17:48
Operator : TRB
Sample : RTG0521-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 08:37:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.54	75	108	N.D.	
44) C230	Toluene	5.82	92	10097	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	5.89	69	138	N.D.	
47) C160	1,1,2-Trichloroeth	6.08	83	91	N.D.	
48) C210	4-Methyl-2-pentano	5.66	43	1508	N.D.	
49) C220	Tetrachloroethene	6.14	166	75	N.D.	
50) C221	1,3-Dichloropropan	6.23	76	76	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.26	43	1165	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	6.80	131	90	N.D.	
56) C240	Ethylbenzene	6.93	91	3612	N.D.	
57) C246	m,p-Xylene	7.02	106	3364	N.D.	
58) C247	o-Xylene	7.33	106	2391	N.D.	
59) C245	Styrene	7.34	104	325	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	552	N.D.	
64) C301	Bromobenzene	7.98	156	87	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.76	83	91	N.D.	
66) C282	1,2,3-Trichloropro	7.76	110	83	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.93	53	80	N.D.	
68) C302	n-Propylbenzene	7.94	91	811	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	798	N.D.	
72) C306	tert-Butylbenzene	8.33	134	164	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	3339	N.D.	
74) C308	sec-Butylbenzene	8.51	105	329	N.D.	
75) C260	1,3-Dichlorobenzen	8.65	146	78	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	1724	N.D.	
77) C267	1,4-Dichlorobenzen	8.72	146	188	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	91	N.D.	
79) C310	n-Butylbenzene	8.98	91	650	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	207	N.D.	
82) C316	Hexachlorobutadien	10.58	225	86	N.D.	
83) C314	Naphthalene	10.61	128	4222	N.D.	
84) C934	1,2,3-Trichloroben	10.80	180	424	N.D.	

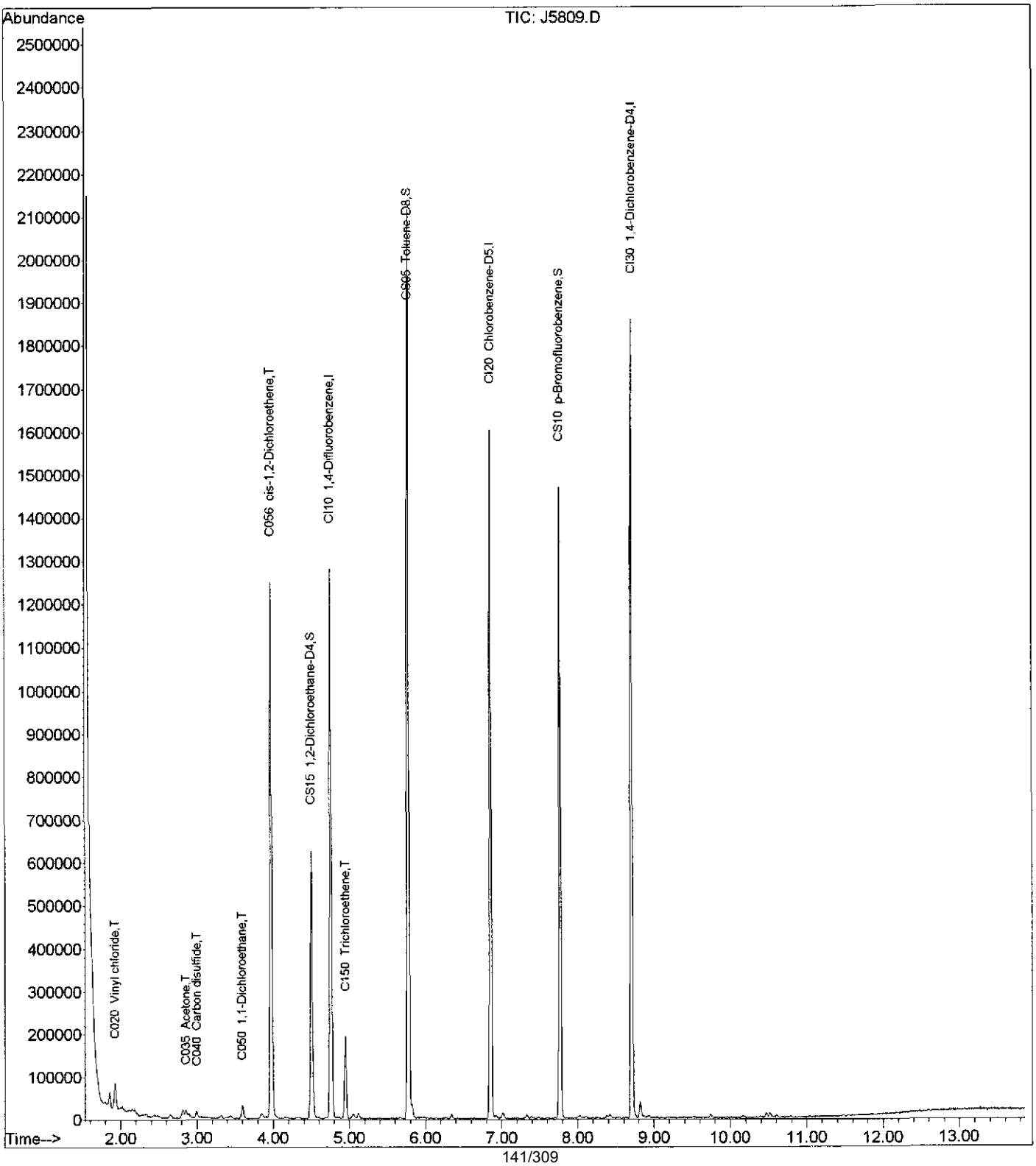
(#) = qualifier out of range (m) = manual integration (+) = signals summed

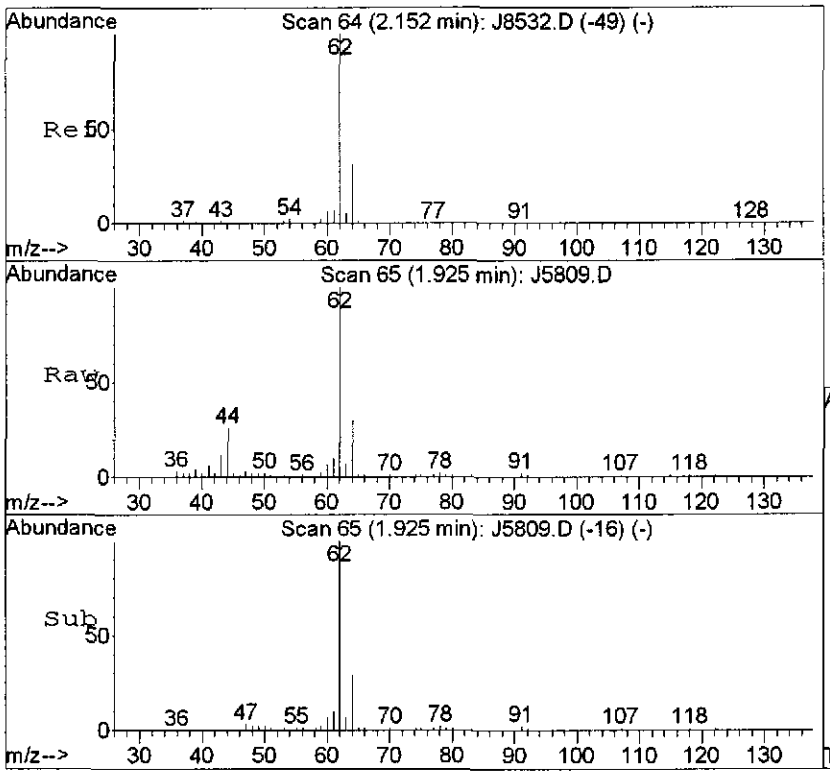
7/7/10

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5809.D
Acq On : 6 Jul 2010 17:48
Operator : TRB
Sample : RTG0521-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 08:37:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

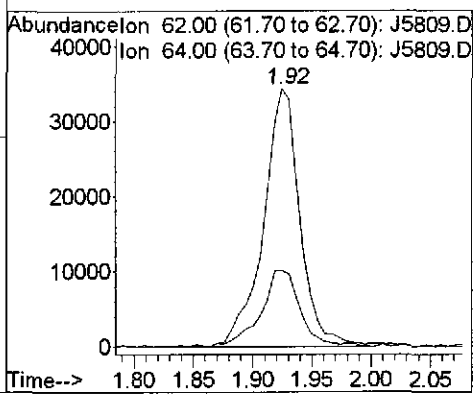


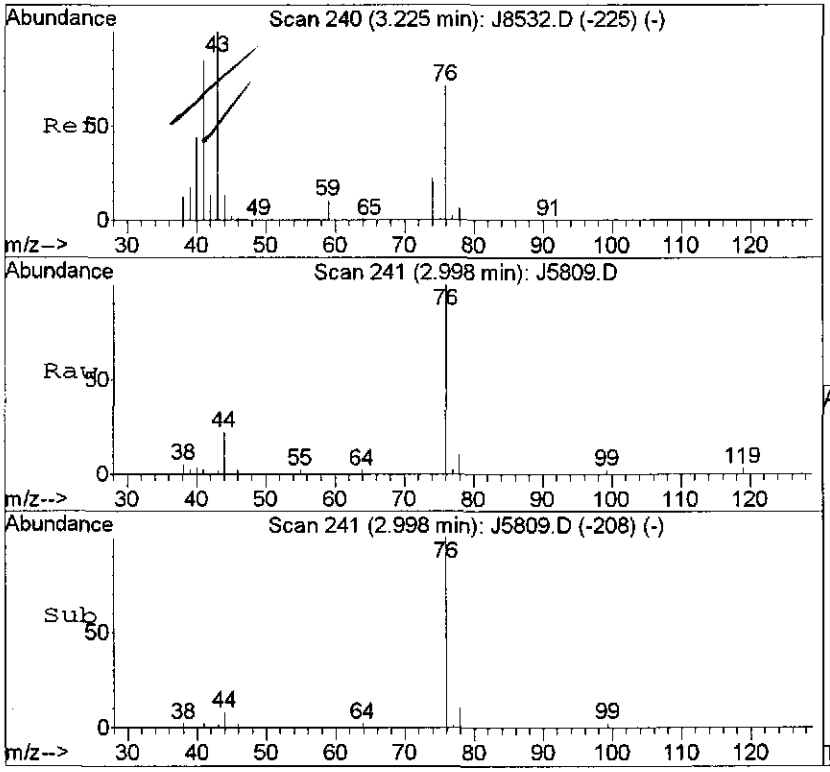


#4
C020 Vinyl chloride
Concen: 6.11 ug/L
RT: 1.92 min Scan# 65
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 62 Resp: 73600

Ion	Ratio	Lower	Upper
62	100		
64	29.6	10.4	50.4

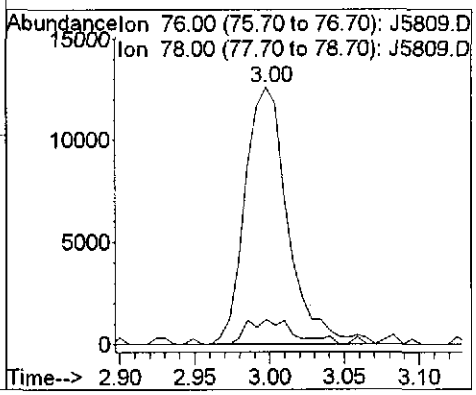


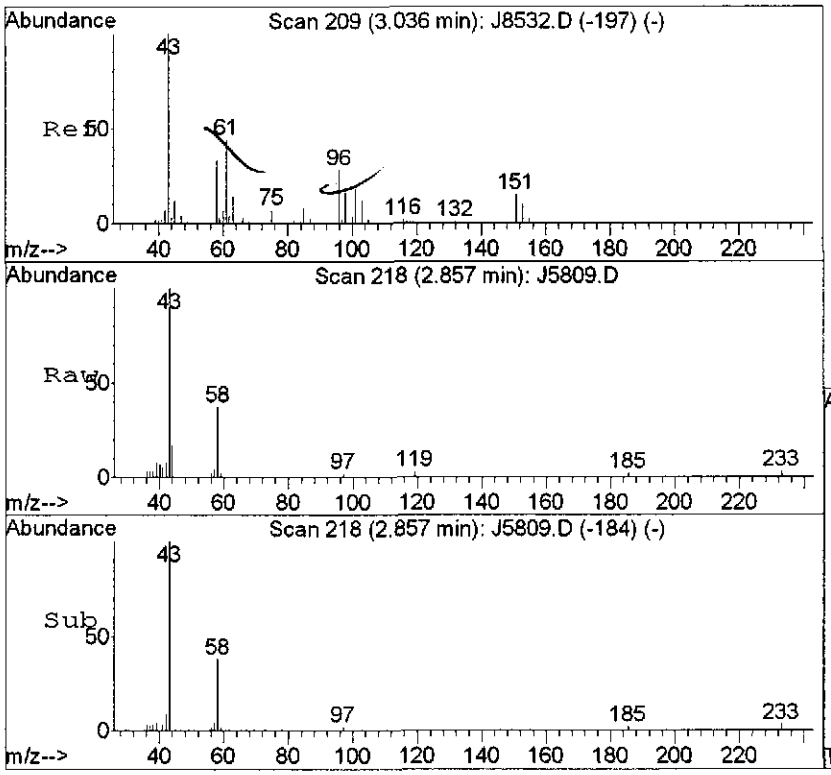


#10
C040 Carbon disulfide
Concen: 0.60 ug/L
RT: 3.00 min Scan# 241
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 76 Resp: 25099

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

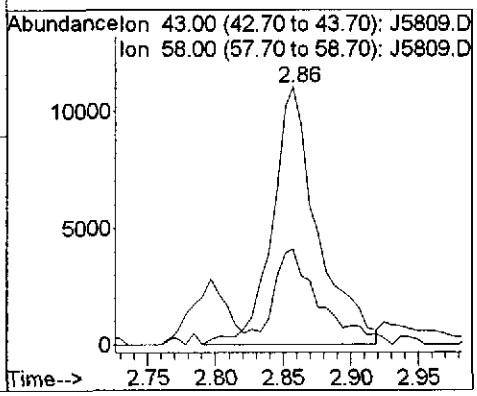


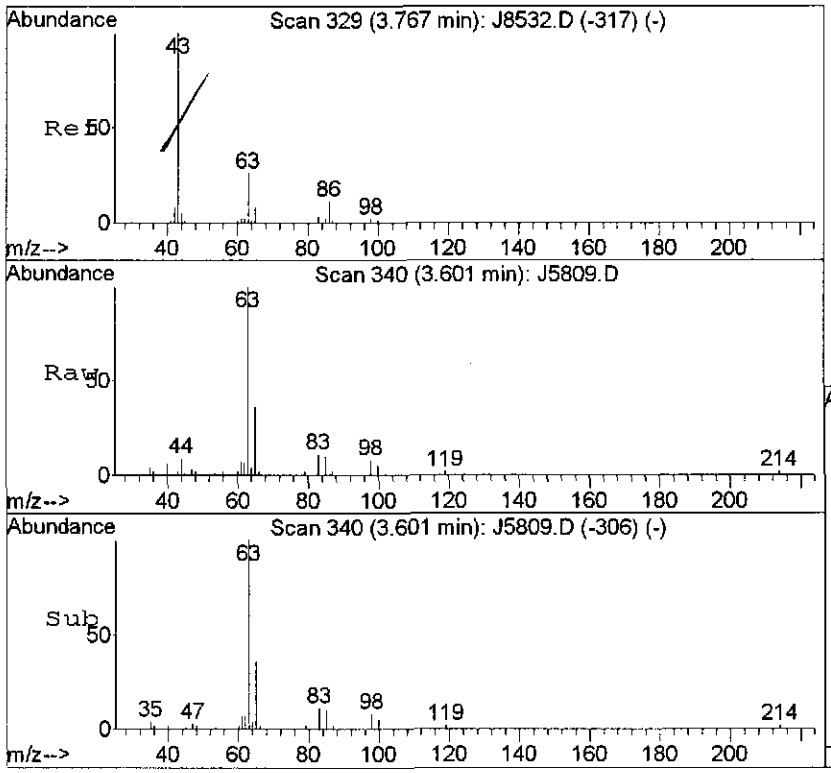


#13
C035 Acetone
Concen: 5.54 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 43 Resp: 25787

Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.6	43.0

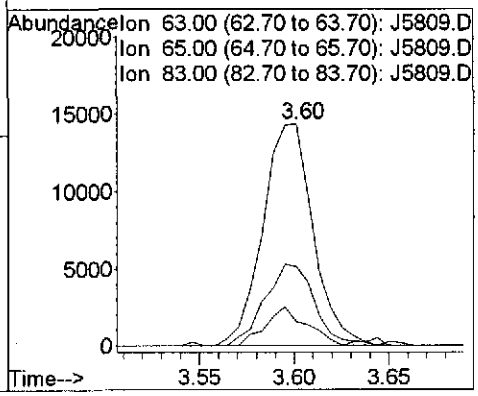


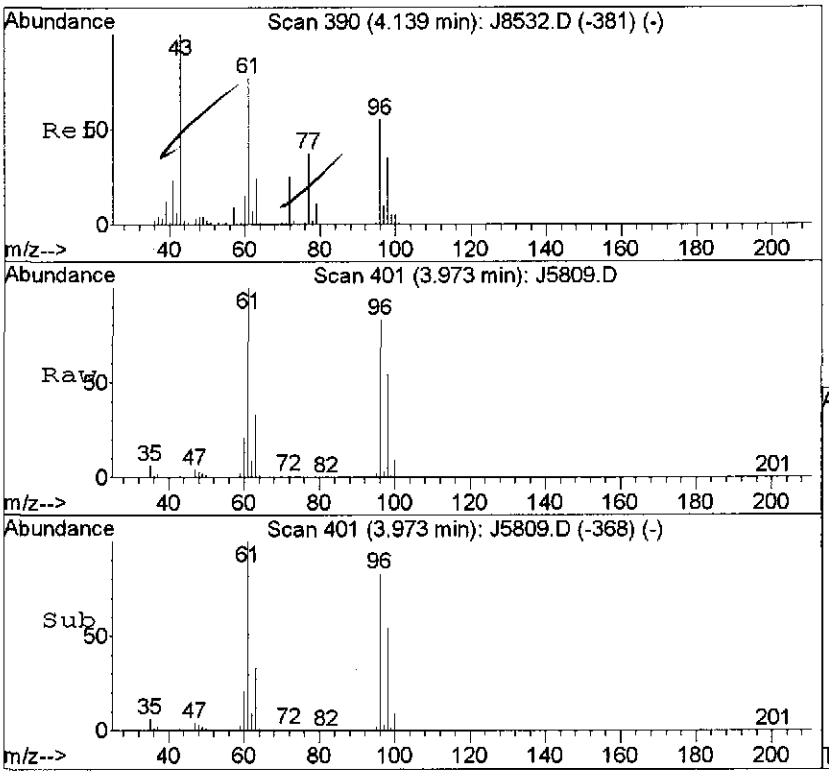


#20
C050 1,1-Dichloroethane
Concen: 1.02 ug/L
RT: 3.60 min Scan# 340
Delta R.T. 0.01 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 63 Resp: 26538

Ion	Ratio	Lower	Upper
63	100		
65	36.0	8.9	48.9
83	10.7	0.0	33.6

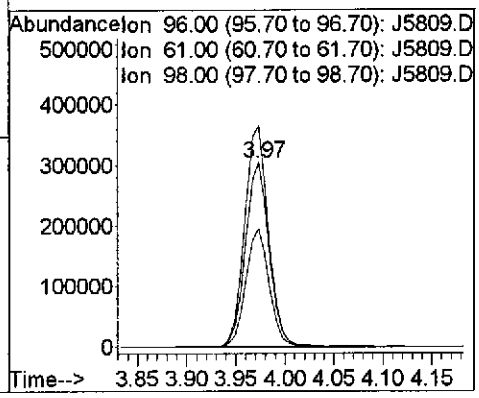


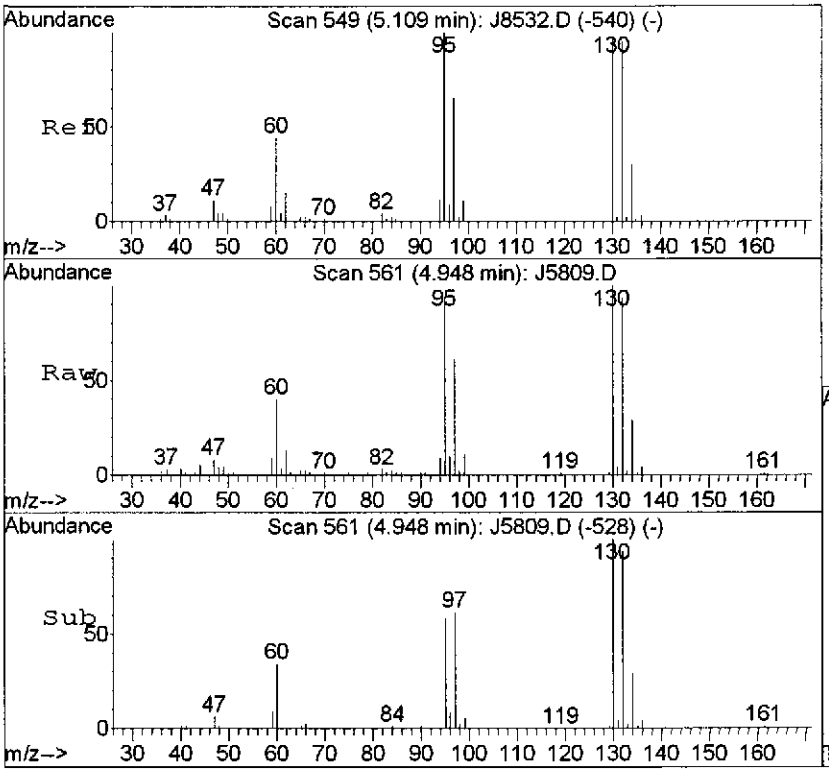


#23
C056 cis-1,2-Dichloroethene
Concen: 30.59 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 96 Resp: 511983

Ion	Ratio	Lower	Upper
96	100		
61	120.0	107.1	147.1
98	64.3	49.1	89.1

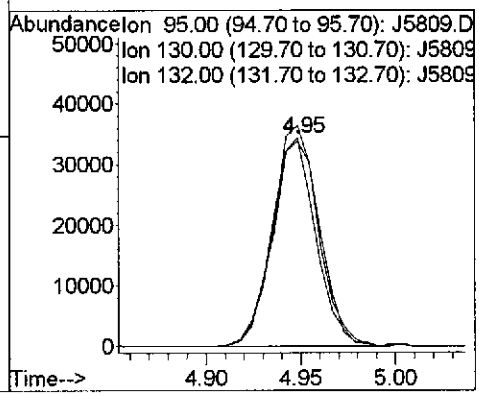




#35
C150 Trichloroethene
Concen: 3.57 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 95 Resp: 55842

Ion	Ratio	Lower	Upper
95	100		
130	106.1	76.8	116.8
132	98.5	73.1	113.1



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-1 (30-32)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-07 File ID: J5810.D

Sampled: 07/02/10 10:29 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 18:10

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	7.5	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-1 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-07	File ID:	J5810.D
Sampled:	07/02/10 10:29	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 18:10
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.6	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.1	92	66 - 137	
4-Bromofluorobenzene	25.0	24.0	96	73 - 120	
Toluene-d8	25.0	24.4	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	487239	8.71	505586	8.71	
1,4-Difluorobenzene	927986	4.75	942126	4.75	
Chlorobenzene-d5	839341	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5810.D
Acq On : 6 Jul 2010 18:10
Operator : TRB
Sample : RTG0521-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 07 08:37:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	927986	25.00	ug/L	0.00 98.50%
42) CI20	Chlorobenzene-D5	6.86	117	839341	25.00	ug/L	0.00 97.34%
61) CI30	1,4-Dichlorobenzene-	8.71	152	487239	25.00	ug/L	0.00 96.37%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	369344	23.12	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		92.48%
43) CS05	Toluene-D8	5.77	98	1361967	24.35	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		97.40%
60) CS10	p-Bromofluorobenzene	7.76	174	415126	24.05	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		96.20%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.67	85	114	N.D.		
3) C010	Chloromethane	1.81	50	888	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	2.18	94	93	N.D.		
6) C025	Chloroethane	2.26	64	86	N.D.		
7) C275	Trichlorofluoromet	2.42	101	76	N.D.		
8) C045	1,1-Dichloroethene	2.78	96	101	N.D.		
9) C030	Methylene chloride	3.16	84	188	N.D.		
10) C040	Carbon disulfide	3.00	76	7022	N.D.		
11) C036	Acrolein	2.78	56	761	N.D.		
12) C038	Acrylonitrile	3.32	53	227	N.D.		
13) C035	Acetone	2.86	43	33599	7.49	ug/L	93
14) C300	Acetonitrile	3.07	41	1966	N.D.		
15) C276	Iodomethane	2.96	142	105	N.D.		
16) C291	1,1,2 Trichloro-1,	2.80	101	93	N.D.		
17) C962	T-butyl Methyl Eth	3.30	73	337	N.D.		
18) C057	trans-1,2-Dichloro	3.33	96	99	N.D.		
19) C255	Methyl Acetate	3.06	43	2351	N.D.		
20) C050	1,1-Dichloroethane	3.64	63	76	N.D.		
21) C125	Vinyl Acetate	3.60	43	202	N.D.		
22) C051	2,2-Dichloropropan	3.91	77	125	N.D.		
23) C056	cis-1,2-Dichloroet	3.98	96	3325	N.D.		
24) C272	Tetrahydrofuran	4.16	42	191	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.17	83	83	N.D.		
27) C115	1,1,1-Trichloroeth	4.28	97	655	N.D.		
28) C120	Carbon tetrachlori	4.49	117	282	N.D.		
29) C116	1,1-Dichloropropen	4.42	75	88	N.D.		
31) C165	Benzene	4.53	78	5519	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.97	43	7248	N.D.		
34) C256	Cyclohexane	4.32	56	446	N.D.		
35) C150	Trichloroethene	4.95	95	24575	1.63	ug/L #	84
36) C140	1,2-Dichloropropan	5.05	63	104	N.D.		
37) C278	Dibromomethane	5.12	93	74	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	5.50	63	100	N.D.		
40) C012	Methylcycolhexane	5.06	83	564	N.D.		

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5810.D
Acq On : 6 Jul 2010 18:10
Operator : TRB
Sample : RTG0521-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 07 08:37:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

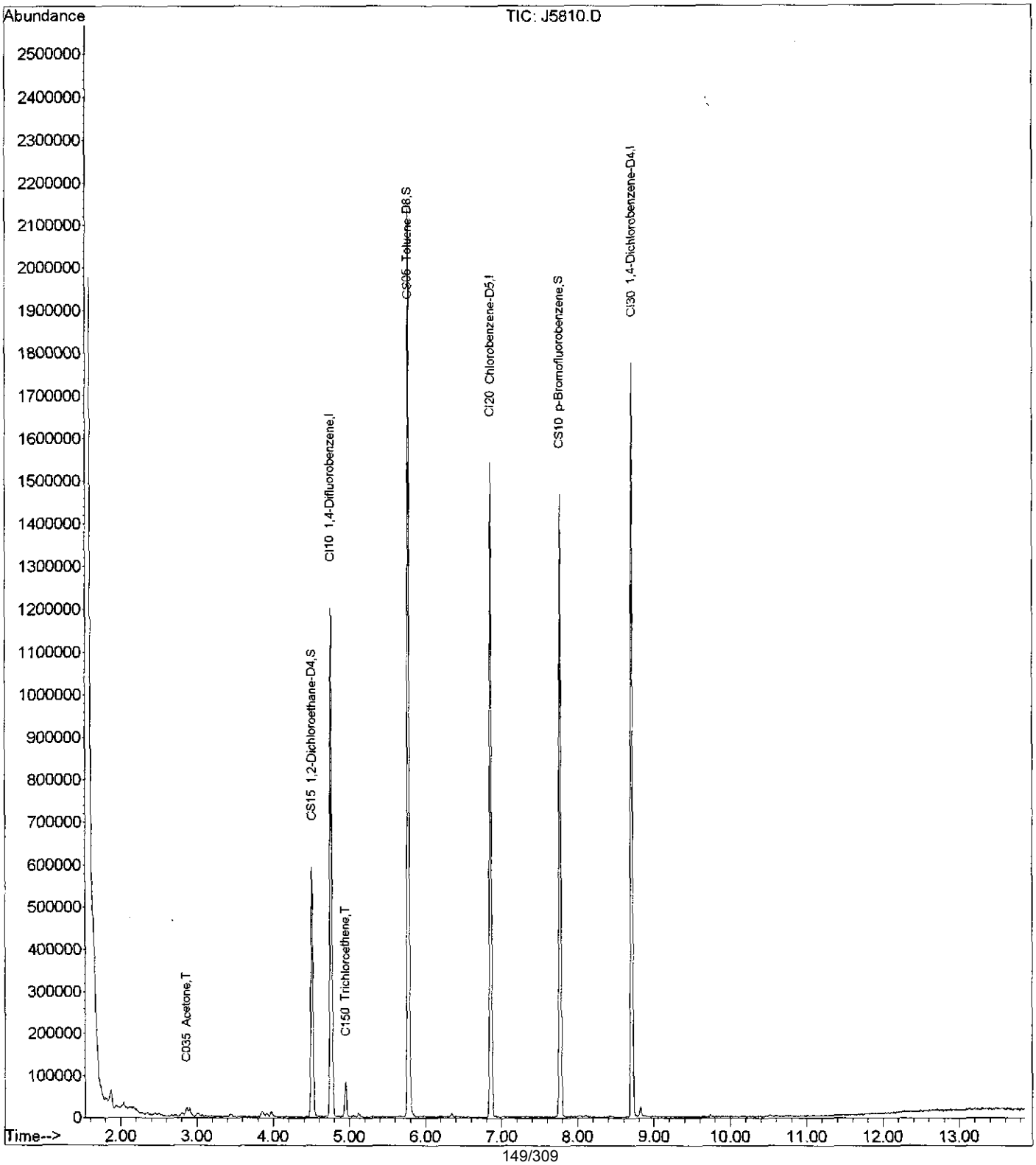
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	2473	N.D.	
45) C170	trans-1,3-Dichloro	5.99	75	83	N.D.	
46) C284	Ethyl Methacrylate	6.05	69	106	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	5.66	43	1324	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.16	76	113	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	6.63	107	85	N.D.	
53) C215	2-Hexanone	6.25	43	480	N.D.	
54) C235	Chlorobenzene	6.93	112	94	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.94	91	957	N.D.	
57) C246	m,p-Xylene	7.02	106	511	N.D.	
58) C247	o-Xylene	7.34	106	463	N.D.	
59) C245	Styrene	7.37	104	98	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.64	105	77	N.D.	
64) C301	Bromobenzene	7.76	156	80	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.96	83	80	N.D.	
66) C282	1,2,3-Trichloropro	8.00	110	82	N.D.	
67) C283	t-1,4-Dichloro-2-B	8.02	53	105	N.D.	
68) C302	n-Propylbenzene	7.94	91	552	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.05	105	78	N.D.	
72) C306	tert-Butylbenzene	8.23	134	98	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	492	N.D.	
74) C308	sec-Butylbenzene	8.51	105	78	N.D.	
75) C260	1,3-Dichlorobenzen	8.49	146	84	N.D.	
76) C309	4-Isopropyltoluene	8.62	119	395	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	9.19	146	80	N.D.	
79) C310	n-Butylbenzene	8.97	91	369	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.75	75	87	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	391	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.60	128	1325	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	75	N.D.	

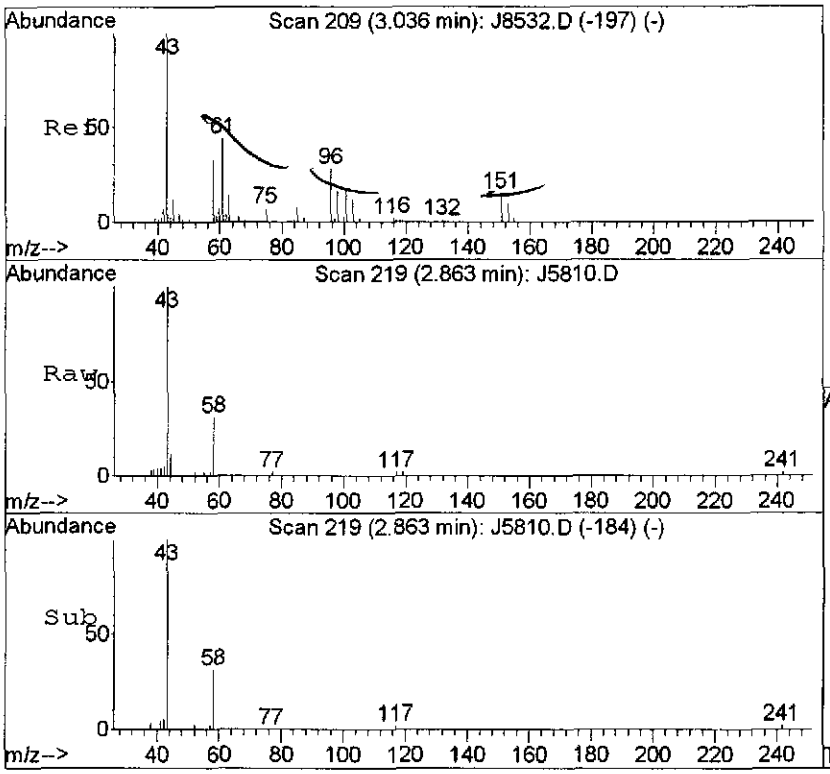
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5810.D
Acq On : 6 Jul 2010 18:10
Operator : TRB
Sample : RTG0521-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 07 08:37:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

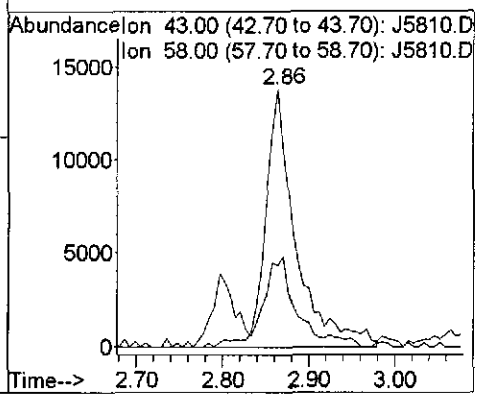


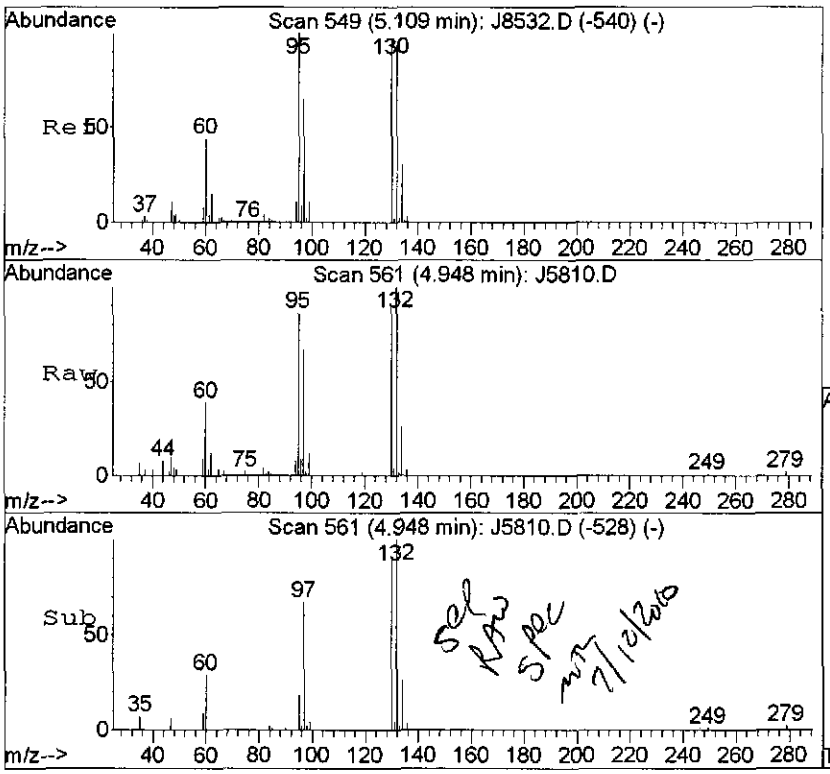


#13
C035 Acetone
Concen: 7.49 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5810.D
Acq: 6 Jul 2010 18:10

Tgt Ion: 43 Resp: 33599

Ion	Ratio	Lower	Upper
43	100		
58	31.4	28.6	43.0

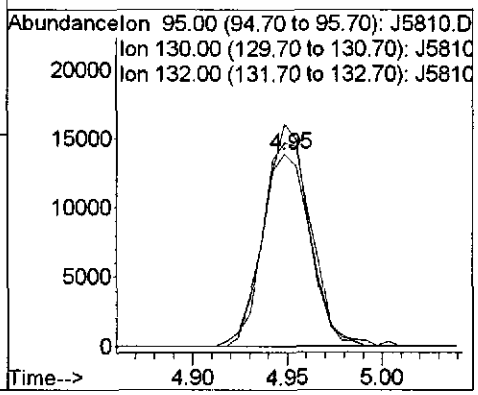




#35
C150 Trichloroethene
Concen: 1.63 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5810.D
Acq: 6 Jul 2010 18:10

Tgt Ion: 95 Resp: 24575

Ion	Ratio	Lower	Upper
95	100		
130	105.8	76.8	116.8
132	115.8	73.1	113.1#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (8-10)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-08 File ID: J5811.D

Sampled: 07/02/10 11:40 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 18:32

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	3.0	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (8-10)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-08	File ID:	J5811.D
Sampled:	07/02/10 11:40	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 18:32
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.9	91	66 - 137	
4-Bromofluorobenzene	25.0	23.3	93	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	494166	8.71	505586	8.71	
1,4-Difluorobenzene	951795	4.75	942126	4.75	
Chlorobenzene-d5	863208	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5811.D
Acq On : 6 Jul 2010 18:32
Operator : TRB
Sample : RTG0521-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 08:37:26 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	951795	25.00	ug/L	0.00 101.03%
42) CI20	Chlorobenzene-D5	6.86	117	863208	25.00	ug/L	0.00 100.10%
61) CI30	1,4-Dichlorobenzene-	8.71	152	494166	25.00	ug/L	0.00 97.74%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	374746	22.87	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		91.48%
43) CS05	Toluene-D8	5.77	98	1354147	23.54	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		94.16%
60) CS10	p-Bromofluorobenzene	7.76	174	413808	23.31	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		93.24%

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.80	50	3450	N.D.		
4) C020	Vinyl chloride	1.97	62	117	N.D.		
5) C015	Bromomethane	2.18	94	251	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	87	N.D.		
9) C030	Methylene chloride	3.17	84	281	N.D.		
10) C040	Carbon disulfide	3.00	76	19132	N.D.		
11) C036	Acrolein	2.77	56	806	N.D.		
12) C038	Acrylonitrile	3.32	53	85	N.D.		
13) C035	Acetone	2.86	43	13737	2.98	ug/L	89
14) C300	Acetonitrile	3.06	41	1128	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.26	73	74	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.02	43	412	N.D.		
20) C050	1,1-Dichloroethane	3.64	63	93	N.D.		
21) C125	Vinyl Acetate	3.56	43	242	N.D.		
22) C051	2,2-Dichloropropan	3.94	77	102	N.D.		
23) C056	cis-1,2-Dichloroet	3.97	96	2020	N.D.		
24) C272	Tetrahydrofuran	4.19	42	763	N.D.		
25) C222	Bromochloromethane	4.14	128	79	N.D.		
26) C060	Chloroform	4.18	83	81	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	4.42	117	121	N.D.		
29) C116	1,1-Dichloropropen	4.30	75	74	N.D.		
31) C165	Benzene	4.53	78	6538	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.97	43	2381	N.D.		
34) C256	Cyclohexane	4.31	56	696	N.D.		
35) C150	Trichloroethene	4.95	95	5632	N.D.		
36) C140	1,2-Dichloropropan	5.05	63	180	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.06	83	1486	N.D.		

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5811.D
Acq On : 6 Jul 2010 18:32
Operator : TRB
Sample : RTG0521-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 08:37:26 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

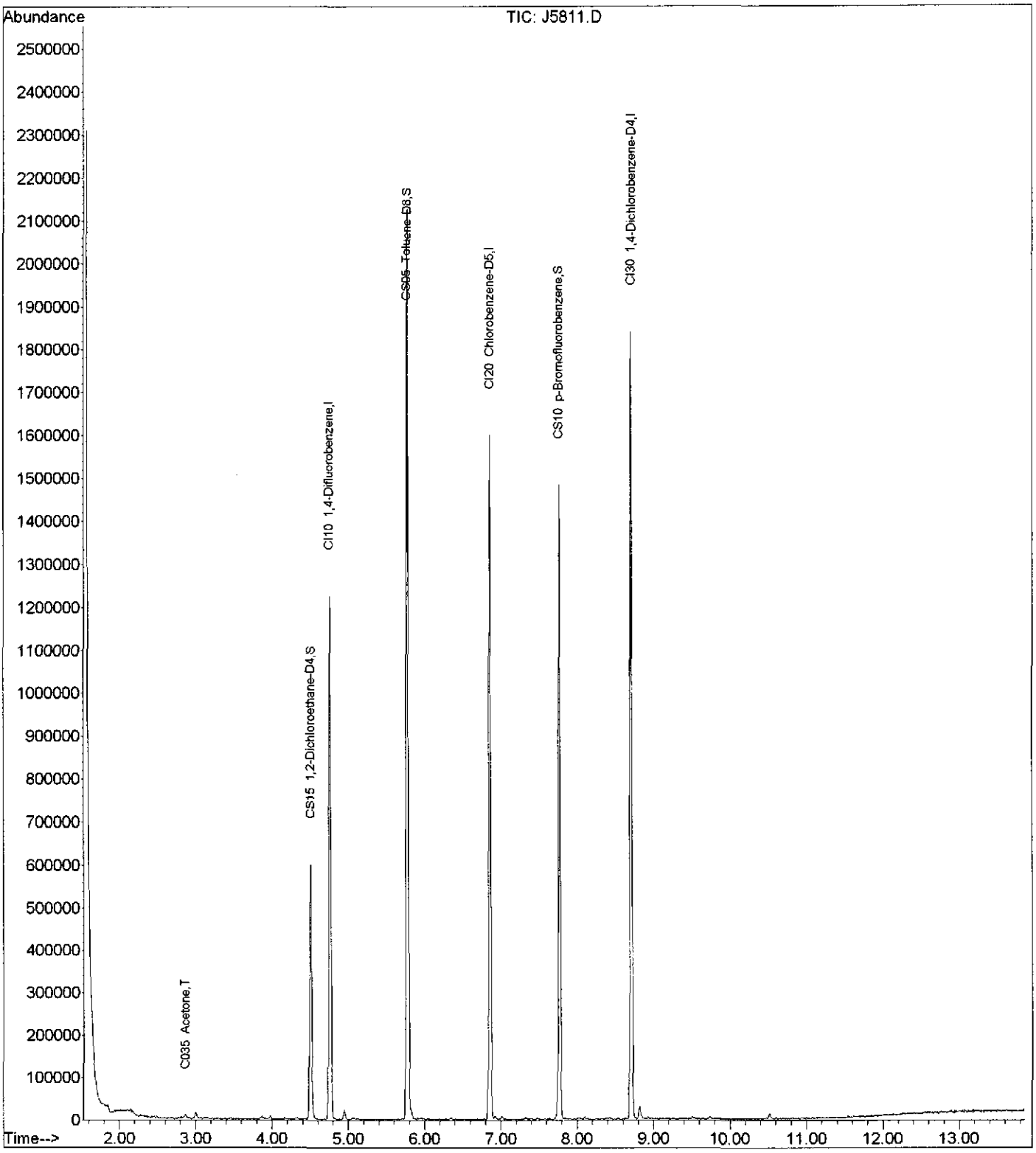
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.58	75	74	N.D.	
44) C230	Toluene	5.82	92	7218	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	5.95	69	73	N.D.	
47) C160	1,1,2-Trichloroeth	6.27	83	83	N.D.	
48) C210	4-Methyl-2-pentano	5.66	43	507	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.11	76	91	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	108	N.D.	
54) C235	Chlorobenzene	6.84	112	85	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.92	91	2974	N.D.	
57) C246	m,p-Xylene	7.01	106	1751	N.D.	
58) C247	o-Xylene	7.33	106	1182	N.D.	
59) C245	Styrene	7.33	104	78	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.62	105	495	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.76	83	104	N.D.	
66) C282	1,2,3-Trichloropro	7.95	110	91	N.D.	
67) C283	t-1,4-Dichloro-2-B	8.02	53	100	N.D.	
68) C302	n-Propylbenzene	7.95	91	973	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.08	105	83	N.D.	
72) C306	tert-Butylbenzene	8.30	134	93	N.D.	
73) C307	1,2,4-Trimethylben	8.37	105	1671	N.D.	
74) C308	sec-Butylbenzene	8.51	105	271	N.D.	
75) C260	1,3-Dichlorobenzen	8.65	146	362	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	1000	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	74	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	103	N.D.	
79) C310	n-Butylbenzene	8.96	91	803	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.71	75	75	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.61	128	2535	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	99	N.D.	

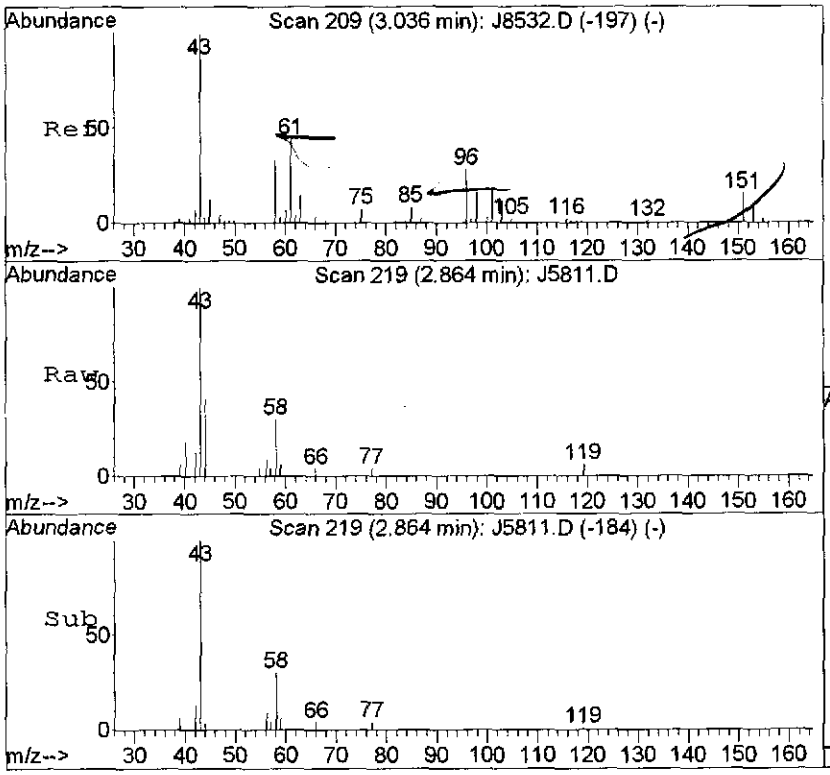
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/8/10

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5811.D
Acq On : 6 Jul 2010 18:32
Operator : TRB
Sample : RTG0521-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 08:37:26 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

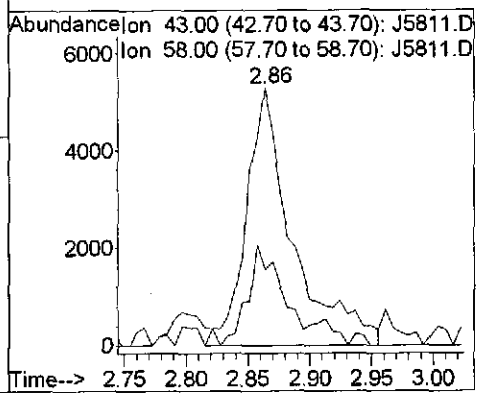




#13
C035 Acetone
Concen: 2.98 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5811.D
Acq: 6 Jul 2010 18:32

Tgt Ion: 43 Resp: 13737

Ion	Ratio	Lower	Upper
43	100		
58	29.6	28.6	43.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (12-14)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-09 File ID: J5812.D

Sampled: 07/02/10 11:54 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 18:53

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	1.8	J
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	4.9	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.8	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (12-14)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-09	File ID:	J5812.D
Sampled:	07/02/10 11:54	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 18:53
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	9.9	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	90	66 - 137	
4-Bromofluorobenzene	25.0	22.9	92	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	497340	8.71	505586	8.71	
1,4-Difluorobenzene	951726	4.75	942126	4.75	
Chlorobenzene-d5	867208	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5812.D
Acq On : 6 Jul 2010 18:53
Operator : TRB
Sample : RTG0521-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 07 08:37:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	951726	25.00	ug/L	0.00 101.02%
42) CI20	Chlorobenzene-D5	6.86	117	867208	25.00	ug/L	0.00 100.57%
61) CI30	1,4-Dichlorobenzene-	8.71	152	497340	25.00	ug/L	0.00 98.37%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	370480	22.62	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		90.48%
43) CS05	Toluene-D8	5.77	98	1358707	23.51	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		94.04%
60) CS10	p-Bromofluorobenzene	7.77	174	409197	22.94	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		91.76%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.83	50	1670	N.D.		
4) C020	Vinyl chloride	1.93	62	2316	N.D.		
5) C015	Bromomethane	2.16	94	112	N.D.		
6) C025	Chloroethane	2.26	64	99	N.D.		
7) C275	Trichlorofluoromet	2.44	101	73	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	1299	N.D.		
9) C030	Methylene chloride	3.14	84	368	N.D.		
10) C040	Carbon disulfide	3.01	76	2154	N.D.		
11) C036	Acrolein	2.72	56	78	N.D.		
12) C038	Acrylonitrile	3.36	53	85	N.D.		
13) C035	Acetone	2.86	43	22520	4.89	ug/L #	87
14) C300	Acetonitrile	3.11	41	1087	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.82	101	2898	N.D.		
17) C962	T-butyl Methyl Eth	3.30	73	265	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	1077	N.D.		
19) C255	Methyl Acetate	3.06	43	1528	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	3274	N.D.		
21) C125	Vinyl Acetate	3.58	43	5689	N.D.		
22) C051	2,2-Dichloropropan	4.00	77	90	N.D.		
23) C056	cis-1,2-Dichloroethe	3.98	96	29947	1.81	ug/L	87
24) C272	Tetrahydrofuran	4.15	42	1039	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.29	97	5379	N.D.		
28) C120	Carbon tetrachlori	4.33	117	112	N.D.		
29) C116	1,1-Dichloropropen	4.29	75	75	N.D.		
31) C165	Benzene	4.53	78	11048	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.97	43	4835	N.D.		
34) C256	Cyclohexane	4.33	56	545	N.D.		
35) C150	Trichloroethene	4.95	95	152971	9.90	ug/L	93
36) C140	1,2-Dichloropropan	5.07	63	74	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.28	83	75	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.06	83	1090	N.D.		

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5812.D
Acq On : 6 Jul 2010 18:53
Operator : TRB
Sample : RTG0521-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

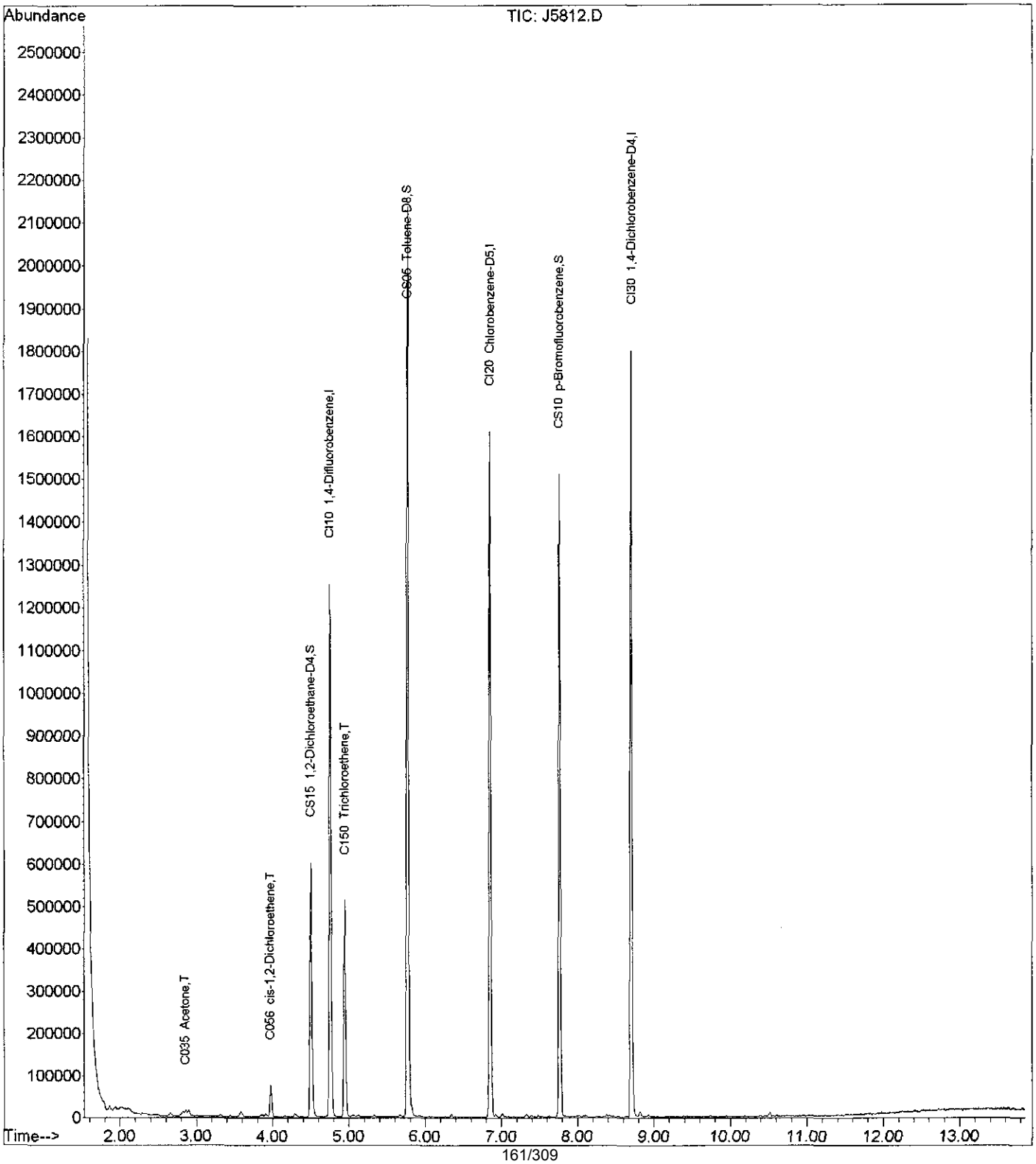
Quant Time: Jul 07 08:37:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	8358	N.D.	
45) C170	trans-1,3-Dichloro	6.03	75	74	N.D.	
46) C284	Ethyl Methacrylate	5.99	69	98	N.D.	
47) C160	1,1,2-Trichloroeth	6.08	83	88	N.D.	
48) C210	4-Methyl-2-pentano	5.67	43	453	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	383	N.D.	
54) C235	Chlorobenzene	6.99	112	97	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.92	91	3079	N.D.	
57) C246	m,p-Xylene	7.02	106	2463	N.D.	
58) C247	o-Xylene	7.33	106	1628	N.D.	
59) C245	Styrene	7.36	104	207	N.D.	
62) C180	Bromoform	7.48	173	86	N.D.	
63) C966	Isopropylbenzene	7.60	105	450	N.D.	
64) C301	Bromobenzene	7.77	156	143	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.77	83	109	N.D.	
66) C282	1,2,3-Trichloropro	7.95	110	75	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.87	53	117	N.D.	
68) C302	n-Propylbenzene	7.94	91	863	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	637	N.D.	
72) C306	tert-Butylbenzene	8.35	134	78	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	2500	N.D.	
74) C308	sec-Butylbenzene	8.52	105	316	N.D.	
75) C260	1,3-Dichlorobenzen	8.70	146	82	N.D.	
76) C309	4-Isopropyltoluene	8.62	119	1198	N.D.	
77) C267	1,4-Dichlorobenzen	8.70	146	82	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	8.97	91	448	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	201	N.D.	
82) C316	Hexachlorobutadien	10.36	225	114	N.D.	
83) C314	Naphthalene	10.61	128	2016	N.D.	
84) C934	1,2,3-Trichloroben	10.80	180	158	N.D.	

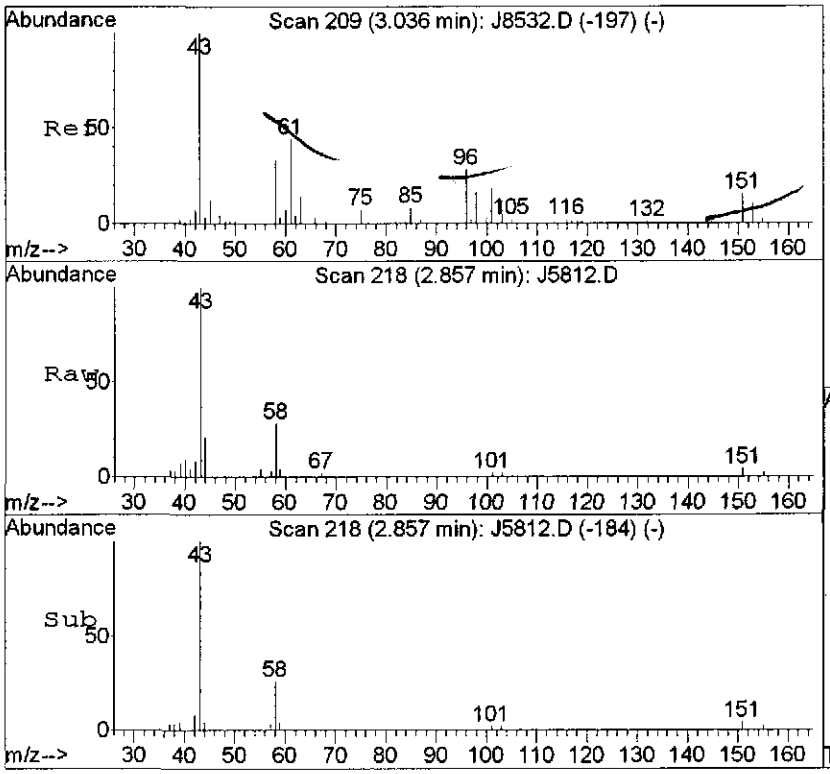
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5812.D
Acq On : 6 Jul 2010 18:53
Operator : TRB
Sample : RTG0521-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 07 08:37:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



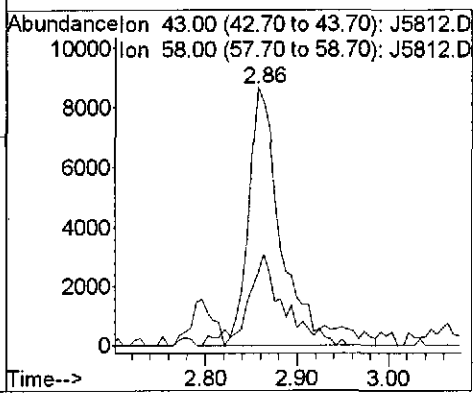
161/309

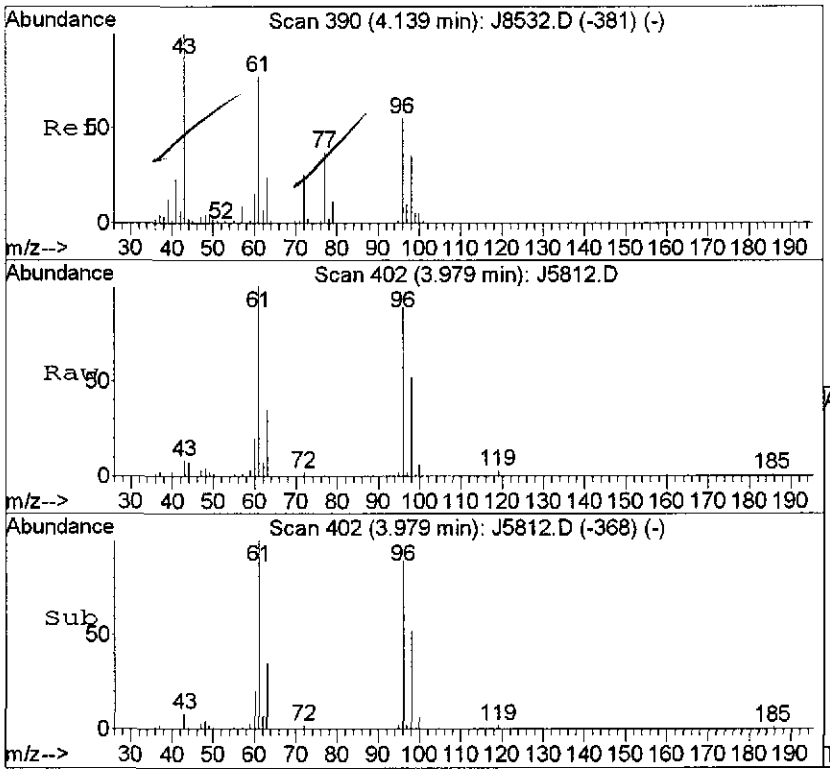


#13
C035 Acetone
Concen: 4.89 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

Tgt Ion: 43 Resp: 22520

Ion	Ratio	Lower	Upper
43	100		
58	28.1	28.6	43.0#

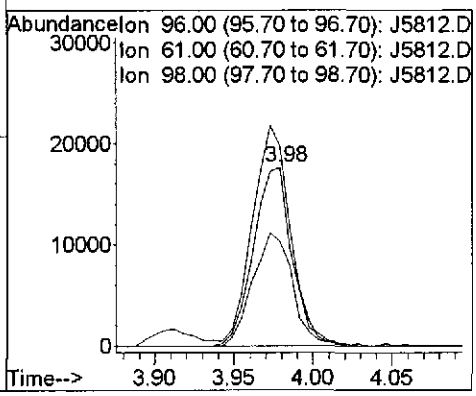


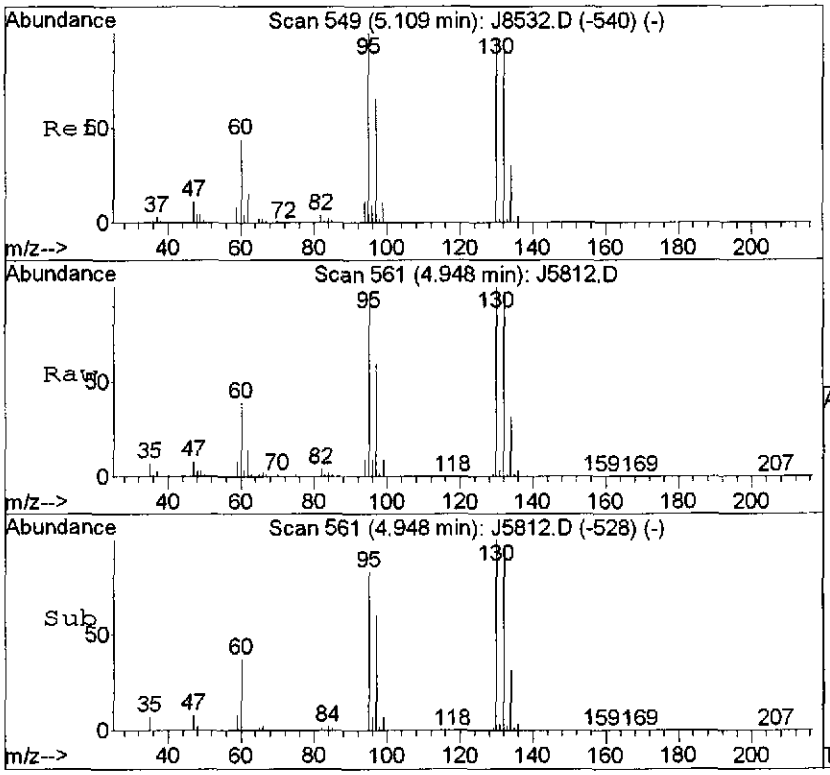


#23
C056 cis-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 3.98 min Scan# 402
Delta R.T. 0.01 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

Tgt Ion: 96 Resp: 29947

Ion	Ratio	Lower	Upper
96	100		
61	111.8	107.1	147.1
98	58.2	49.1	89.1

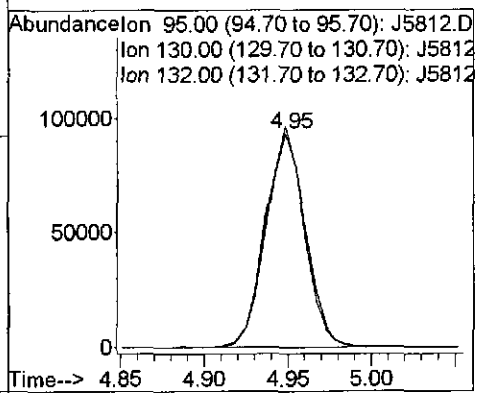




#35
C150 Trichloroethene
Concen: 9.90 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

Tgt Ion: 95 Resp: 152971

Ion	Ratio	Lower	Upper
95	100		
130	103.8	76.8	116.8
132	99.8	73.1	113.1



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-2 (26-28)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-10 File ID: J5813.D

Sampled: 07/02/10 13:33 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 19:15

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.7	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	19	
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	2.7	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-2 (26-28)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-10 File ID: J5813.D

Sampled: 07/02/10 13:33 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 19:15

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	3.8	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.9	92	66 - 137	
4-Bromofluorobenzene	25.0	23.1	92	73 - 120	
Toluene-d8	25.0	23.7	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	495206	8.71	505586	8.71	
1,4-Difluorobenzene	954583	4.75	942126	4.75	
Chlorobenzene-d5	856687	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5813.D
Acq On : 6 Jul 2010 19:15
Operator : TRB
Sample : RTG0521-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

S+E 7/7/10

Quant Time: Jul 07 08:37:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.75	114	954583	25.00 ug/L	0.00 101.32%
42) CI20 Chlorobenzene-D5	6.86	117	856687	25.00 ug/L	0.00 99.35%
61) CI30 1,4-Dichlorobenzene-	8.71	152	495206	25.00 ug/L	0.00 97.95%

System Monitoring Compounds

30) CS15 1,2-Dichloroethane-D	4.51	65	376259	22.90 ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery =	91.60%	
43) CS05 Toluene-D8	5.77	98	1351420	23.67 ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery =	94.68%	
60) CS10 p-Bromofluorobenzene	7.77	174	406764	23.09 ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery =	92.36%	

Target Compounds

						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.82	50	1559	N.D.	
4) C020	Vinyl chloride	1.92	62	178	N.D.	
5) C015	Bromomethane	2.19	94	523	N.D.	
6) C025	Chloroethane	2.27	64	187	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.82	96	298	N.D.	
9) C030	Methylene chloride	3.16	84	314	N.D.	
10) C040	Carbon disulfide	3.00	76	9965	N.D.	
11) C036	Acrolein	2.77	56	653	N.D.	
12) C038	Acrylonitrile	3.32	53	94	N.D.	
13) C035	Acetone	2.86	43	87328	18.92 ug/L	97
14) C300	Acetonitrile	3.06	41	2760	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	2.80	101	974	N.D.	
17) C962	T-butyl Methyl Eth	3.29	73	94	N.D.	
18) C057	trans-1,2-Dichloro	3.33	96	620	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	3.60	63	3783	N.D.	
21) C125	Vinyl Acetate	3.59	43	287	N.D.	
22) C051	2,2-Dichloropropan	3.97	77	84	N.D.	
23) C056	cis-1,2-Dichloroethe	3.97	96	45428	2.74 ug/L	95
24) C272	Tetrahydrofuran	4.16	42	639	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	4.30	97	1726	N.D.	
28) C120	Carbon tetrachlori	4.45	117	80	N.D.	
29) C116	1,1-Dichloropropen	4.33	75	75	N.D.	
31) C165	Benzene	4.53	78	10030	N.D.	
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
33) C110	2-Butanone	3.97	43	4699	N.D.	
34) C256	Cyclohexane	4.32	56	722	N.D.	
35) C150	Trichloroethene	4.95	95	58242	3.76 ug/L	96
36) C140	1,2-Dichloropropan	5.06	63	101	N.D.	
37) C278	Dibromomethane	5.31	93	78	N.D.	
38) C130	Bromodichlorometha	0.00	83	0	N.D.	
39) C161	2-Chloroethylvinyl	5.47	63	74	N.D.	
40) C012	Methylcycolhexane	5.06	83	1681	N.D.	

RTM 7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5813.D
Acq On : 6 Jul 2010 19:15
Operator : TRB
Sample : RTG0521-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 07 08:37:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.83	92	6326	N.D.	
45) C170	trans-1,3-Dichloro	6.05	75	84	N.D.	
46) C284	Ethyl Methacrylate	6.06	69	80	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	5.65	43	278	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.27	76	77	N.D.	
51) C155	Chlorodibromometha	6.59	129	82	N.D.	
52) C163	1,2-Dibromoethane	6.55	107	83	N.D.	
53) C215	2-Hexanone	6.27	43	695	N.D.	
54) C235	Chlorobenzene	6.88	112	192	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.94	91	1424	N.D.	
57) C246	m,p-Xylene	7.02	106	1406	N.D.	
58) C247	o-Xylene	7.33	106	700	N.D.	
59) C245	Styrene	7.34	104	101	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	79	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.85	83	75	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.93	53	78	N.D.	
68) C302	n-Propylbenzene	7.92	91	168	N.D.	
69) C303	2-Chlorotoluene	7.91	126	100	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	305	N.D.	
72) C306	tert-Butylbenzene	8.31	134	78	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	1303	N.D.	
74) C308	sec-Butylbenzene	8.53	105	114	N.D.	
75) C260	1,3-Dichlorobenzen	8.72	146	262	N.D.	
76) C309	4-Isopropyltoluene	8.64	119	1145	N.D.	
77) C267	1,4-Dichlorobenzen	8.72	146	262	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	75	N.D.	
79) C310	n-Butylbenzene	8.97	91	192	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.65	75	96	N.D.	
81) C313	1,2,4-Trichloroben	10.38	180	86	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.61	128	2008	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

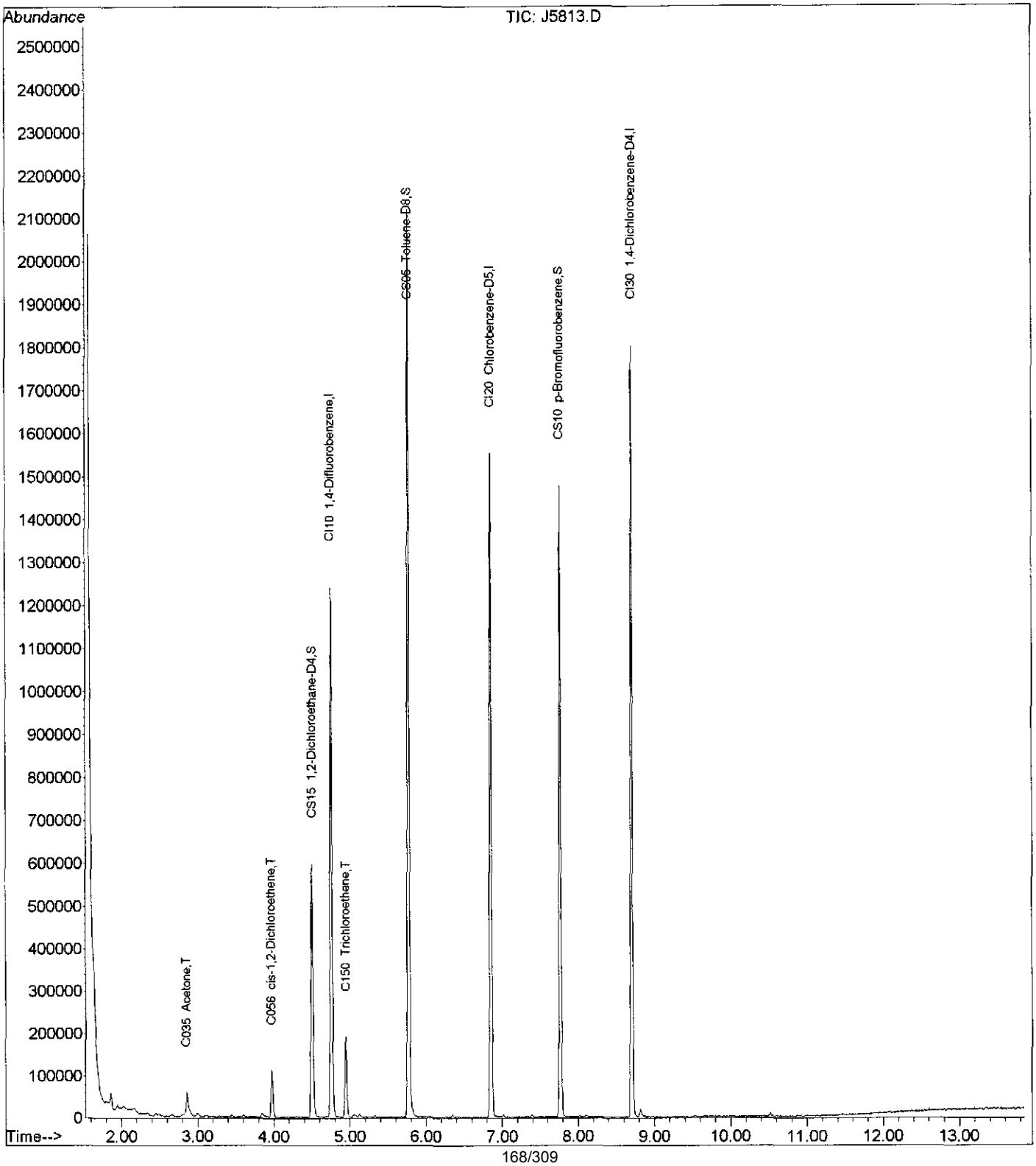
(#) = qualifier out of range (m) = manual integration (+) = signals summed

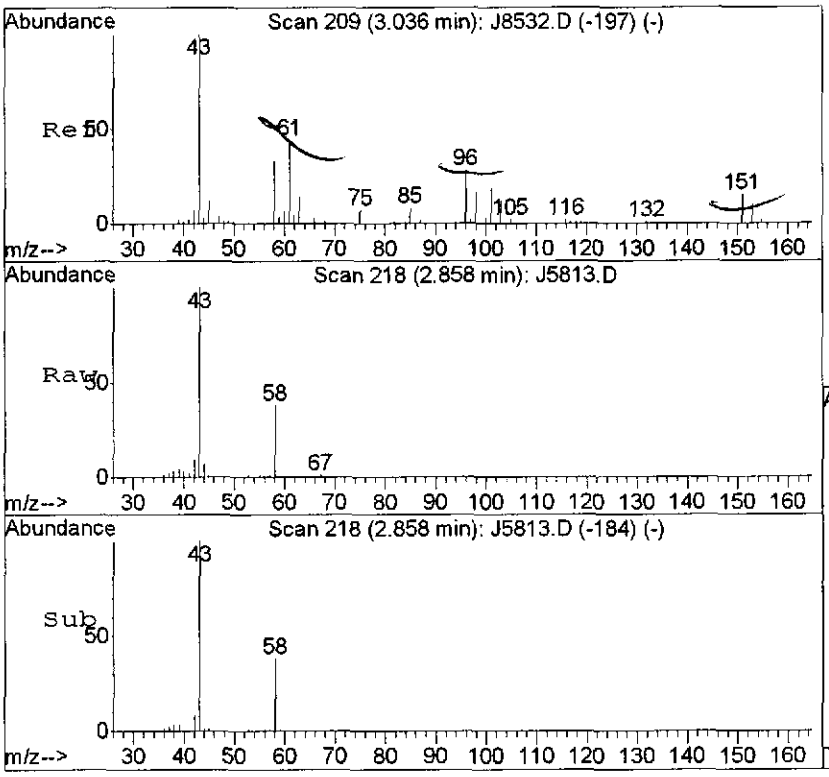
7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5813.D
Acq On : 6 Jul 2010 19:15
Operator : TRB
Sample : RTG0521-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 07 08:37:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

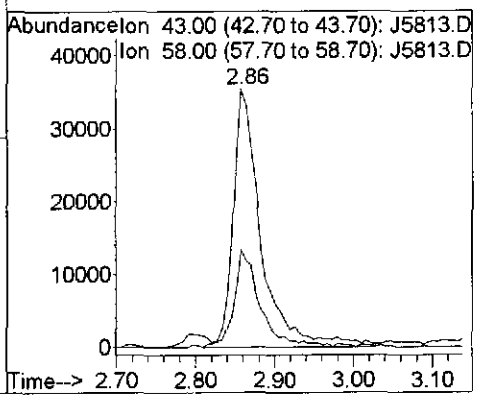


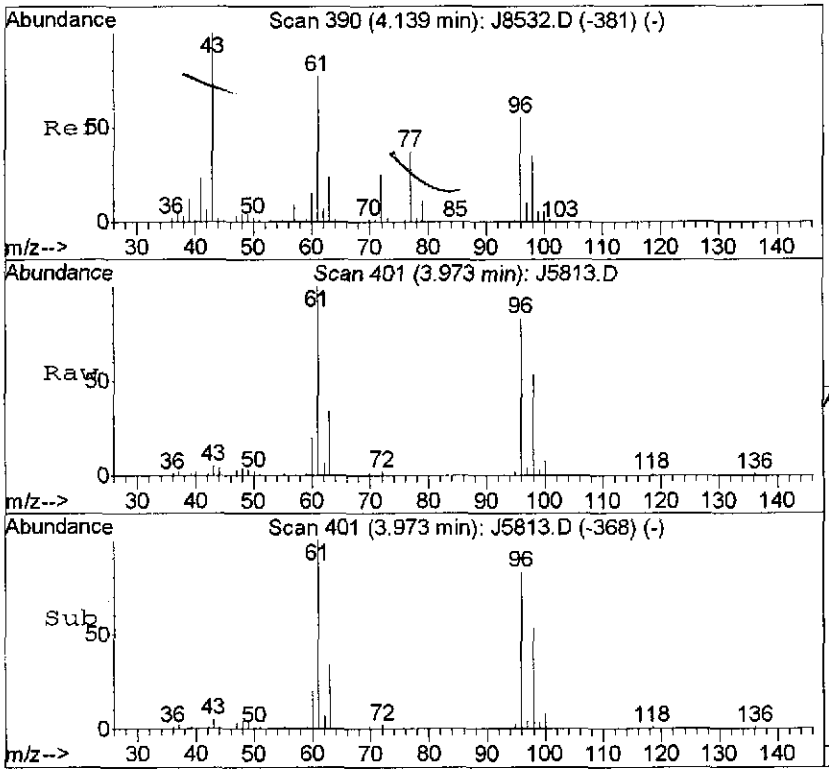


#13
C035 Acetone
Concen: 18.92 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

Tgt Ion: 43 Resp: 87328

Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.6	43.0

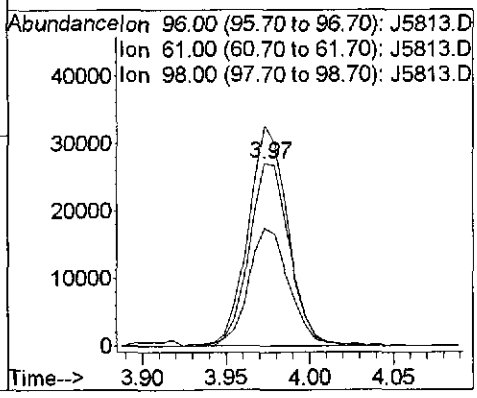


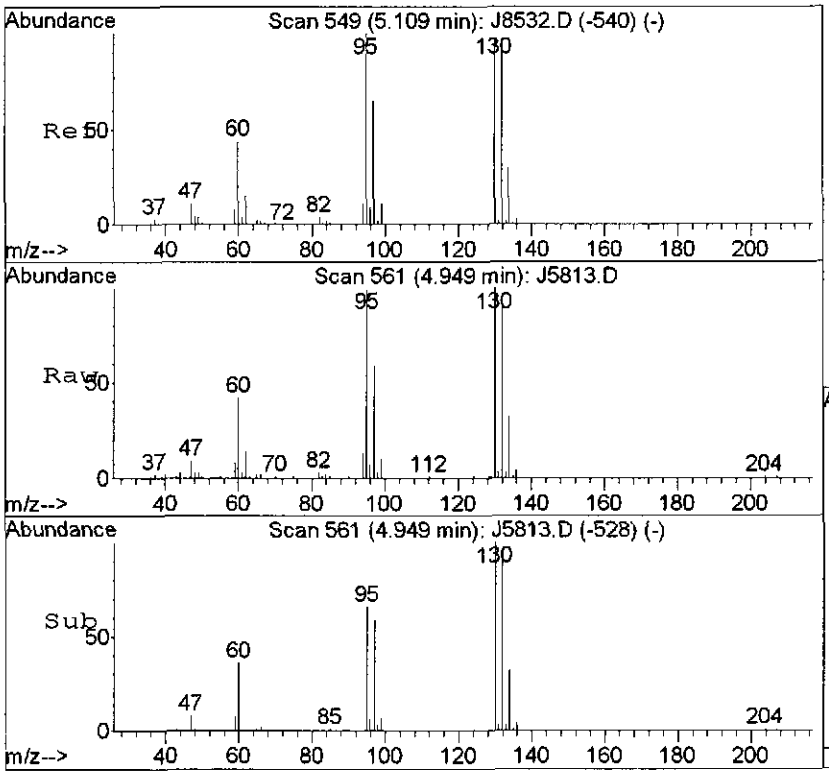


#23
C056 cis-1,2-Dichloroethene
Concen: 2.74 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

Tgt Ion: 96 Resp: 45428

Ion	Ratio	Lower	Upper
96	100		
61	121.1	107.1	147.1
98	64.6	49.1	89.1

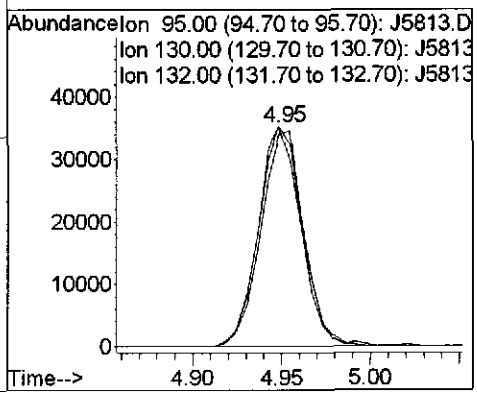




#35
C150 Trichloroethene
Concen: 3.76 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

Tgt Ion: 95 Resp: 58242

Ion	Ratio	Lower	Upper
95	100		
130	100.5	76.8	116.8
132	96.6	73.1	113.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (30-32)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-11 File ID: I5814.D

Sampled: 07/02/10 13:49 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 19:37

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	1.3	J
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	15	
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.3	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-2 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-11	File ID:	J5814.D
Sampled:	07/02/10 13:49	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 19:37
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	2.4	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	23.3	93	73 - 120	
Toluene-d8	25.0	23.6	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	493628	8.71	505586	8.71	
1,4-Difluorobenzene	944959	4.76	942126	4.75	
Chlorobenzene-d5	856589	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5814.D
Acq On : 6 Jul 2010 19:37
Operator : TRB
Sample : RTG0521-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

C&E 7/7/10

Quant Time: Jul 07 08:37:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	944959	25.00	ug/L	0.00 100.30%
42) CI20	Chlorobenzene-D5	6.86	117	856589	25.00	ug/L	0.00 99.34%
61) CI30	1,4-Dichlorobenzene-	8.71	152	493628	25.00	ug/L	0.00 97.63%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	373443	22.96	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	91.84%		
43) CS05	Toluene-D8	5.77	98	1349231	23.64	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	94.56%		
60) CS10	p-Bromofluorobenzene	7.77	174	409907	23.27	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	93.08%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.83	50	2131	N.D.		
4) C020	Vinyl chloride	1.93	62	200	N.D.		
5) C015	Bromomethane	2.19	94	441	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	303	N.D.		
9) C030	Methylene chloride	3.16	84	91	N.D.		
10) C040	Carbon disulfide	3.00	76	10624	N.D.		
11) C036	Acrolein	2.75	56	203	N.D.		
12) C038	Acrylonitrile	3.35	53	144	N.D.		
13) C035	Acetone	2.86	43	69500	15.21	ug/L /	91
14) C300	Acetonitrile	3.08	41	385	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.81	101	708	N.D.		
17) C962	T-butyl Methyl Eth	3.29	73	104	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	188	N.D.		
19) C255	Methyl Acetate	2.99	43	817	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	2478	N.D.		
21) C125	Vinyl Acetate	3.60	43	301	N.D.		
22) C051	2,2-Dichloropropan	3.96	77	112	N.D.		
23) C056	cis-1,2-Dichloroethe	3.97	96	21508	1.31	ug/L /	94
24) C272	Tetrahydrofuran	4.17	42	1245	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.18	83	83	N.D.		
27) C115	1,1,1-Trichloroeth	4.30	97	598	N.D.		
28) C120	Carbon tetrachlori	4.45	117	78	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.54	78	10054	N.D.		
32) C065	1,2-Dichloroethane	4.52	62	568	N.D.		
33) C110	2-Butanone	3.97	43	6800	N.D.		
34) C256	Cyclohexane	4.32	56	1760	N.D.		
35) C150	Trichloroethene	4.95	95	36581	2.38	ug/L /	93
36) C140	1,2-Dichloropropan	5.06	63	99	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.06	83	1664	N.D.		

7/7/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5814.D
Acq On : 6 Jul 2010 19:37
Operator : TRB
Sample : RTG0521-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 08:37:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.83	92	9405	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	6.10	69	117	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	5.68	43	771	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.32	76	93	N.D.	
51) C155	Chlorodibromometha	6.58	129	80	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.28	43	908	N.D.	
54) C235	Chlorobenzene	7.02	112	101	N.D.	
55) C281	1,1,1,2-Tetrachlor	7.04	131	84	N.D.	
56) C240	Ethylbenzene	6.93	91	2401	N.D.	
57) C246	m,p-Xylene	7.01	106	2325	N.D.	
58) C247	o-Xylene	7.33	106	1229	N.D.	
59) C245	Styrene	7.33	104	174	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.61	105	97	N.D.	
64) C301	Bromobenzene	7.77	156	172	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.71	83	77	N.D.	
66) C282	1,2,3-Trichloropro	7.88	110	84	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.95	53	86	N.D.	
68) C302	n-Propylbenzene	7.94	91	818	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	713	N.D.	
72) C306	tert-Butylbenzene	8.27	134	89	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	2460	N.D.	
74) C308	sec-Butylbenzene	8.52	105	551	N.D.	
75) C260	1,3-Dichlorobenzen	8.64	146	75	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	1420	N.D.	
77) C267	1,4-Dichlorobenzen	8.71	146	112	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	8.97	91	613	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.75	75	102	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	10.48	225	79	N.D.	
83) C314	Naphthalene	10.61	128	5010	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	113	N.D.	

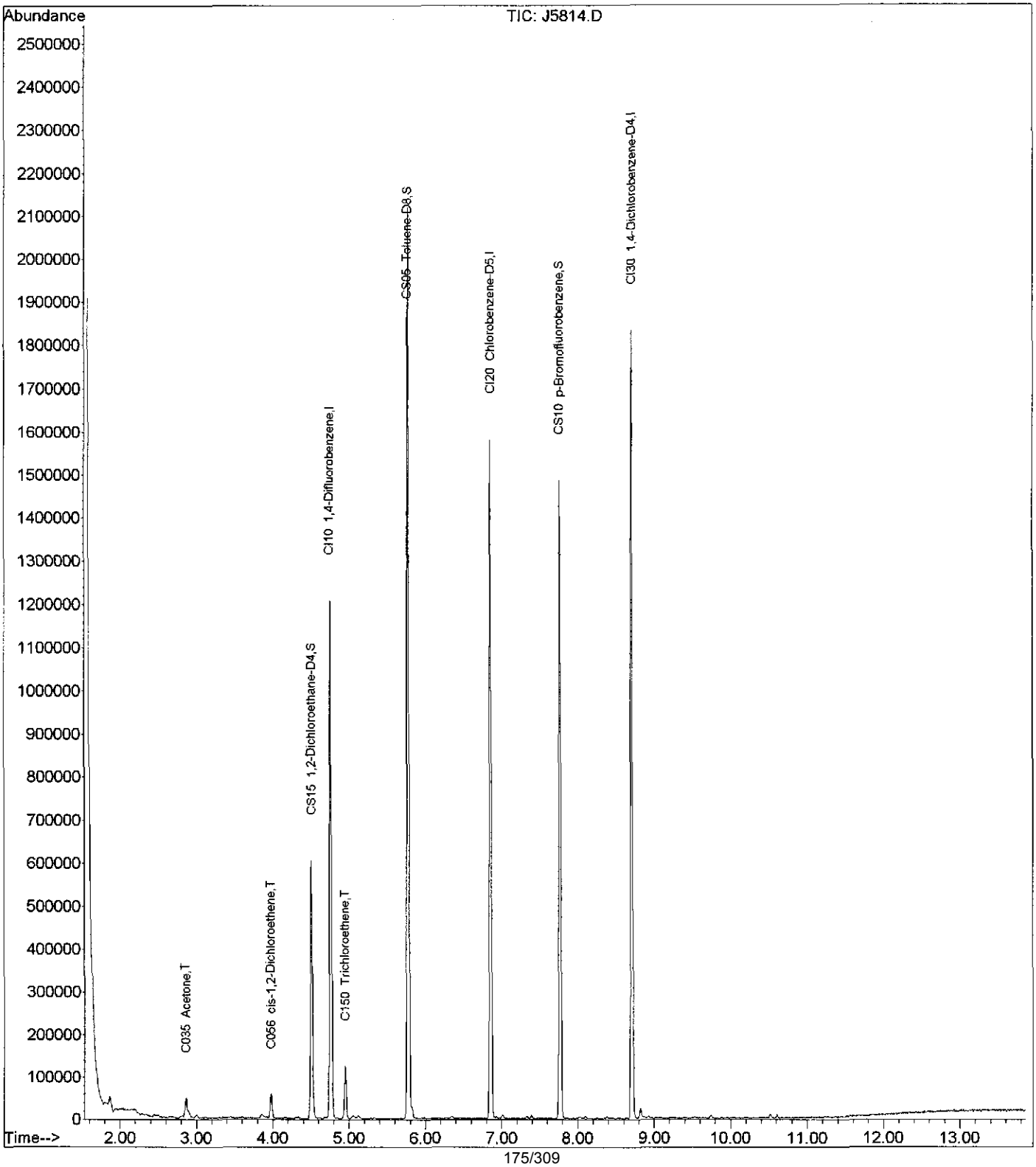
(#) = qualifier out of range (m) = manual integration (+) = signals summed

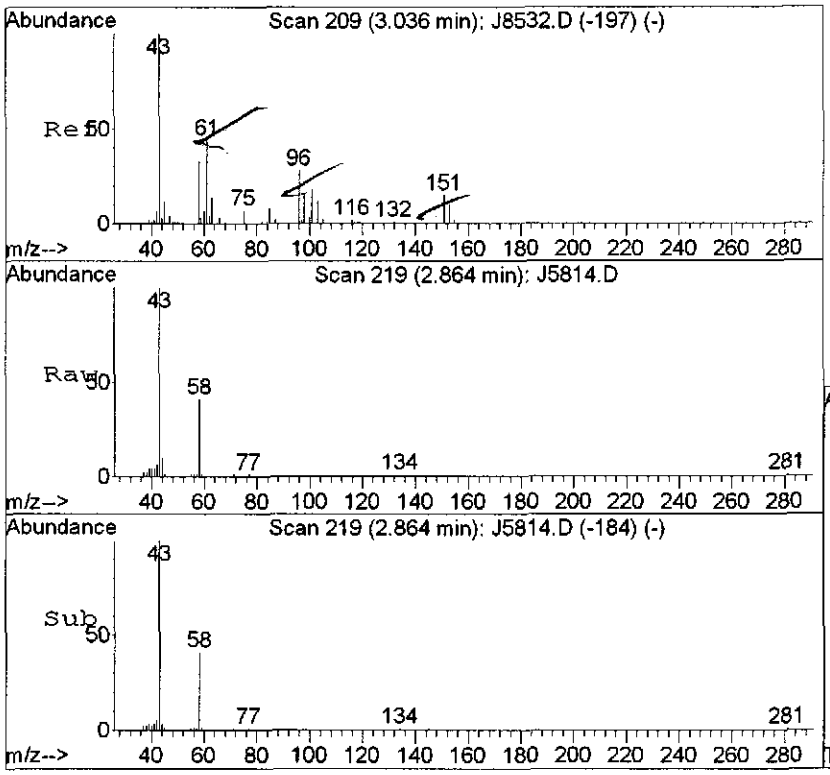
7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5814.D
Acq On : 6 Jul 2010 19:37
Operator : TRB
Sample : RTG0521-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 08:37:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

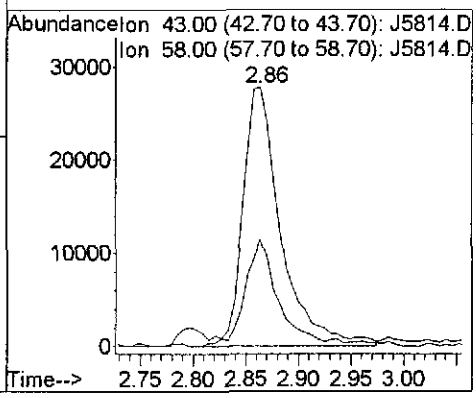


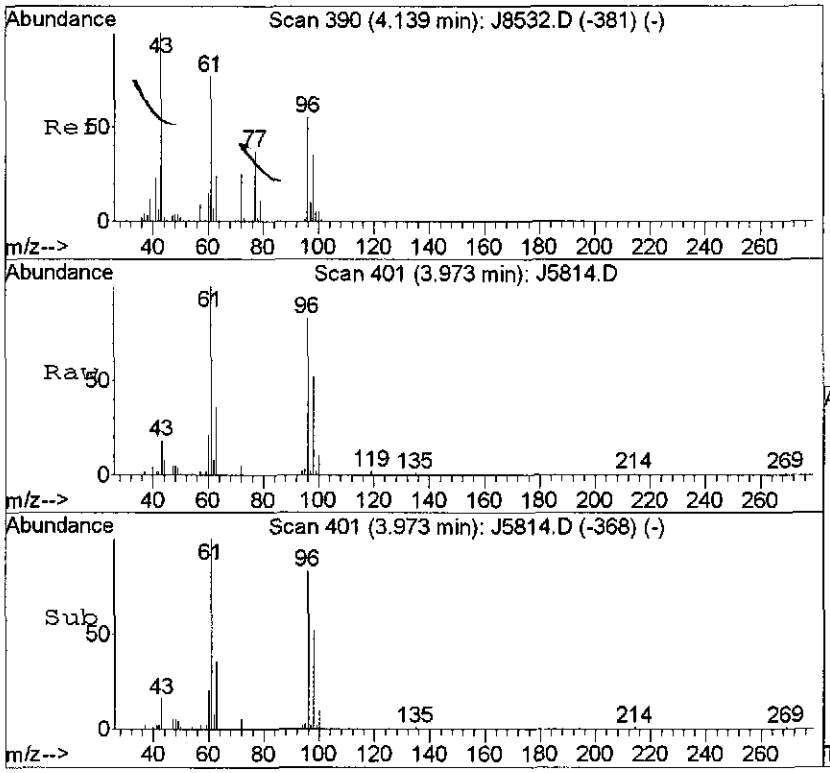


#13
C035 Acetone
Concen: 15.21 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

Tgt Ion: 43 Resp: 69500

Ion	Ratio	Lower	Upper
43	100		
58	41.0	28.6	43.0

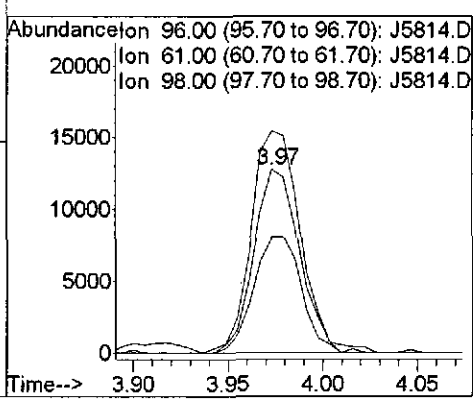


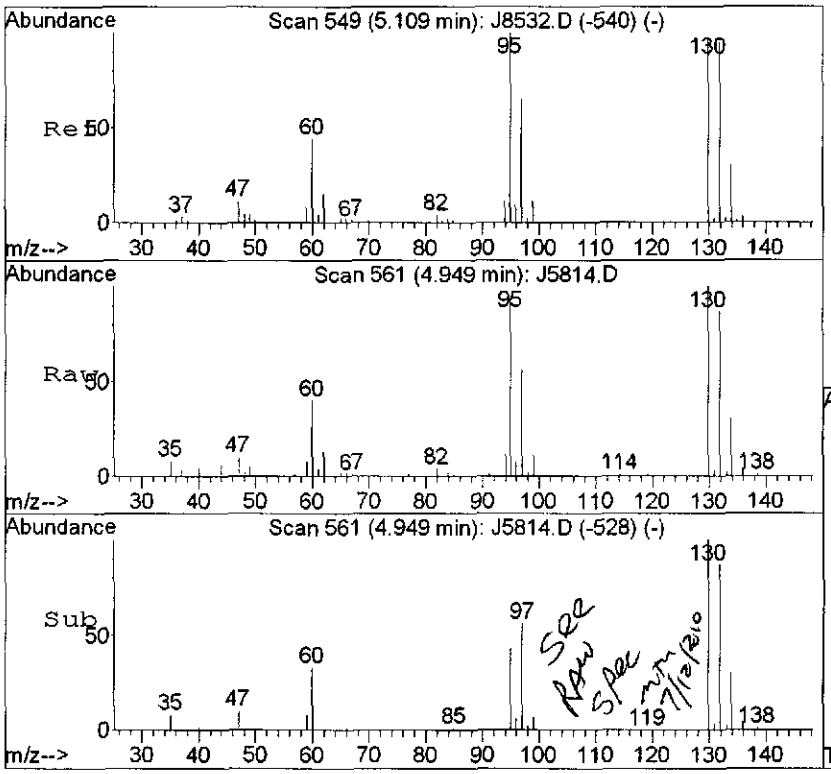


#23
C056 cis-1,2-Dichloroethene
Concen: 1.31 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

Tgt Ion: 96 Resp: 21508

Ion	Ratio	Lower	Upper
96	100		
61	121.2	107.1	147.1
98	63.2	49.1	89.1

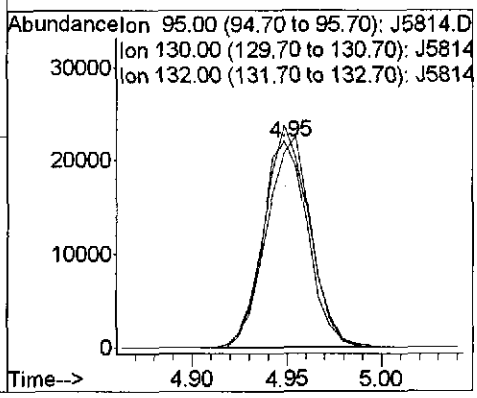




#35
C150 Trichloroethene
Concen: 2.38 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

Tgt Ion: 95 Resp: 36581

Ion	Ratio	Lower	Upper
95	100		
130	108.1	76.8	116.8
132	94.5	73.1	113.1



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-3 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-12 File ID: J5815.D

Sampled: 07/02/10 14:50 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 19:59

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-3 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-12 File ID: J5815.D

Sampled: 07/02/10 14:50 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 19:59

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.9	92	66 - 137	
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	491488	8.71	505586	8.71	
1,4-Difluorobenzene	935407	4.75	942126	4.75	
Chlorobenzene-d5	849923	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5815.D
Acq On : 6 Jul 2010 19:59
Operator : TRB
Sample : RTG0521-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Clean 7/7/10

Quant Time: Jul 07 08:37:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	935407	25.00 ug/L	0.00 99.29%
42) CI20	Chlorobenzene-D5	6.86	117	849923	25.00 ug/L	0.00 98.56%
61) CI30	1,4-Dichlorobenzene-	8.71	152	491488	25.00 ug/L	0.00 97.21%
System Monitoring Compounds						
30) CS15	1,2-Dichloroethane-D	4.50	65	368964	22.92 ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	91.68%	
43) CS05	Toluene-D8	5.77	98	1348736	23.81 ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	95.24%	
60) CS10	p-Bromofluorobenzene	7.77	174	409092	23.40 ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	93.60%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	1.67	85	81	N.D.
3) C010	Chloromethane	1.82	50	1540	N.D.
4) C020	Vinyl chloride	1.96	62	166	N.D.
5) C015	Bromomethane	2.20	94	263	N.D.
6) C025	Chloroethane	2.25	64	257	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	2.89	96	100	N.D.
9) C030	Methylene chloride	3.16	84	129	N.D.
10) C040	Carbon disulfide	3.00	76	9126	N.D.
11) C036	Acrolein	2.77	56	255	N.D.
12) C038	Acrylonitrile	3.30	53	77	N.D.
13) C035	Acetone	2.86	43	8661	N.D.
14) C300	Acetonitrile	3.11	41	603	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	2.77	101	74	N.D.
17) C962	T-butyl Methyl Eth	3.30	73	180	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	3.06	43	117	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	3.58	43	188	N.D.
22) C051	2,2-Dichloropropan	3.95	77	73	N.D.
23) C056	cis-1,2-Dichloroet	3.97	96	176	N.D.
24) C272	Tetrahydrofuran	4.16	42	463	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	4.42	117	109	N.D.
29) C116	1,1-Dichloropropen	4.28	75	149	N.D.
31) C165	Benzene	4.53	78	3306	N.D.
32) C065	1,2-Dichloroethane	4.51	62	473	N.D.
33) C110	2-Butanone	3.97	43	1848	N.D.
34) C256	Cyclohexane	4.33	56	625	N.D.
35) C150	Trichloroethene	4.95	95	2177	N.D.
36) C140	1,2-Dichloropropan	5.05	63	97	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	5.30	83	74	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.
40) C012	Methylcycolhexane	5.06	83	1303	N.D.

7/7/10

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5815.D
Acq On : 6 Jul 2010 19:59
Operator : TRB
Sample : RTG0521-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 07 08:37:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	2297	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	6.16	83	80	N.D.	
48) C210	4-Methyl-2-pentano	5.59	43	243	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.29	76	203	N.D.	
51) C155	Chlorodibromometha	6.39	129	112	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	181	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	6.88	131	73	N.D.	
56) C240	Ethylbenzene	6.92	91	977	N.D.	
57) C246	m,p-Xylene	7.02	106	495	N.D.	
58) C247	o-Xylene	7.32	106	605	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
62) C180	Bromoform	7.59	173	94	N.D.	
63) C966	Isopropylbenzene	7.60	105	127	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.91	83	76	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.84	53	83	N.D.	
68) C302	n-Propylbenzene	7.95	91	405	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	264	N.D.	
72) C306	tert-Butylbenzene	8.39	134	91	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	1057	N.D.	
74) C308	sec-Butylbenzene	8.51	105	76	N.D.	
75) C260	1,3-Dichlorobenzen	8.71	146	74	N.D.	
76) C309	4-Isopropyltoluene	8.62	119	125	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	140	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	8.97	91	150	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.56	75	89	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	121	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.60	128	2088	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

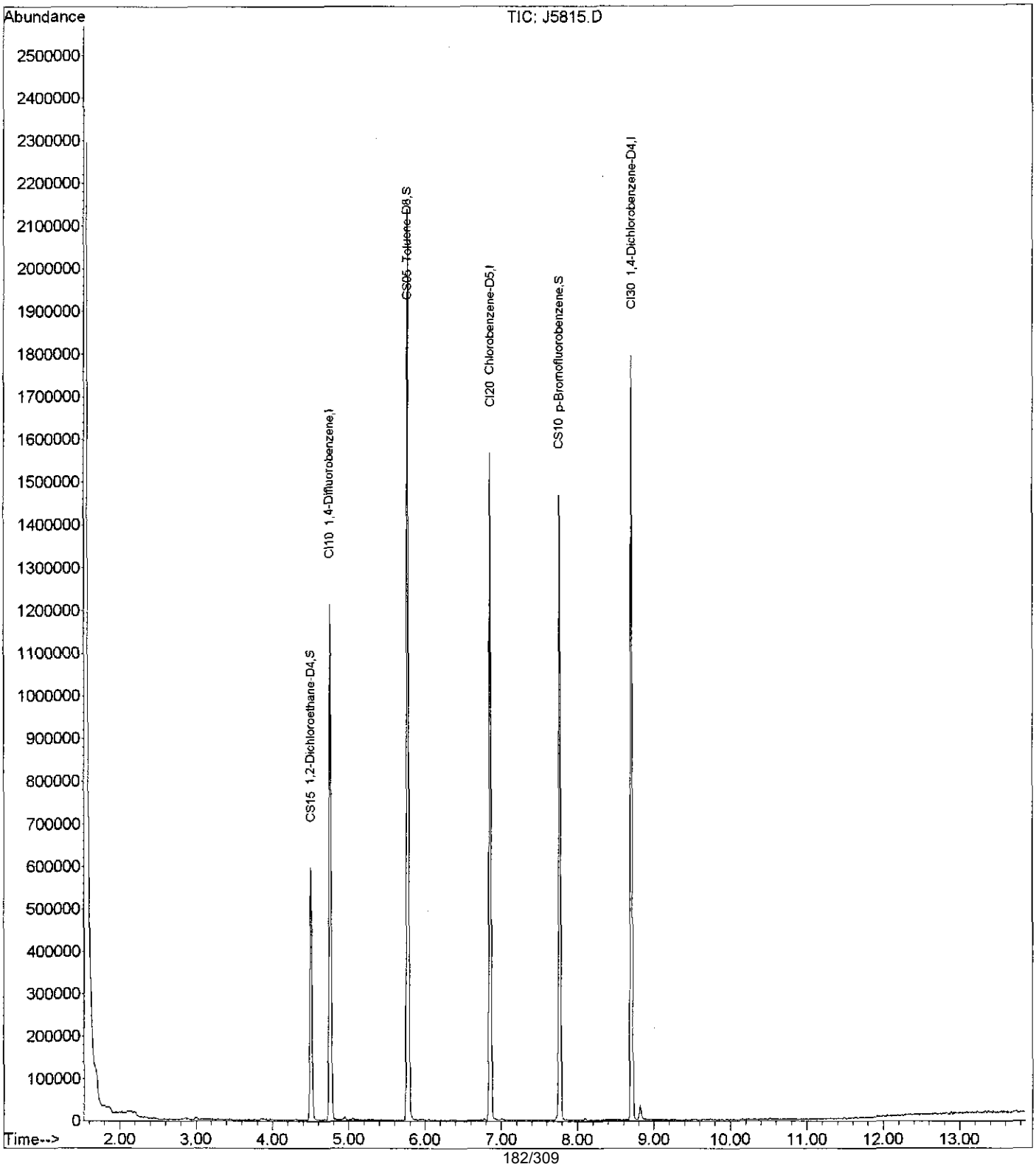
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/7/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5815.D
Acq On : 6 Jul 2010 19:59
Operator : TRB
Sample : RTG0521-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 07 08:37:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-3 (24-26)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-13	File ID:	J5816.D
Sampled:	07/02/10 15:08	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 20:21
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	6.2	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-3 (24-26)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-13	File ID:	J5816.D
Sampled:	07/02/10 15:08	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 20:21
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	13	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.1	93	66 - 137	
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	
Toluene-d8	25.0	24.0	96	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	489750	8.71	505586	8.71	
1,4-Difluorobenzene	942825	4.76	942126	4.75	
Chlorobenzene-d5	855695	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5816.D
Acq On : 6 Jul 2010 20:21
Operator : TRB
Sample : RTG0521-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 07 08:37:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	942825	25.00	ug/L	0.00 100.07%
42) CI20	Chlorobenzene-D5	6.86	117	855695	25.00	ug/L	0.00 99.23%
61) CI30	1,4-Dichlorobenzene-	8.71	152	489750	25.00	ug/L	0.00 96.87%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	375423	23.13	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		92.52%
43) CS05	Toluene-D8	5.77	98	1366572	23.96	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		95.84%
60) CS10	p-Bromofluorobenzene	7.76	174	412720	23.45	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		93.80%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.85	50	3146	N.D.		
4) C020	Vinyl chloride	1.94	62	477	N.D.		
5) C015	Bromomethane	2.17	94	328	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	74	N.D.		
9) C030	Methylene chloride	3.16	84	273	N.D.		
10) C040	Carbon disulfide	3.00	76	4676	N.D.		
11) C036	Acrolein	2.75	56	95	N.D.		
12) C038	Acrylonitrile	3.32	53	94	N.D.		
13) C035	Acetone	2.86	43	28145	6.17	ug/L	97
14) C300	Acetonitrile	3.08	41	2355	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.81	101	3396	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.09	43	922	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	670	N.D.		
21) C125	Vinyl Acetate	3.58	43	131	N.D.		
22) C051	2,2-Dichloropropan	3.94	77	188	N.D.		
23) C056	cis-1,2-Dichloroet	3.97	96	7273	N.D.		
24) C272	Tetrahydrofuran	4.16	42	980	N.D.		
25) C222	Bromochloromethane	4.06	128	135	N.D.		
26) C060	Chloroform	4.21	83	120	N.D.		
27) C115	1,1,1-Trichloroeth	4.29	97	3545	N.D.		
28) C120	Carbon tetrachlori	4.31	117	220	N.D.		
29) C116	1,1-Dichloropropen	4.44	75	85	N.D.		
31) C165	Benzene	4.54	78	7209	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.97	43	7734	N.D.		
34) C256	Cyclohexane	4.32	56	769	N.D.		
35) C150	Trichloroethene	4.95	95	203306	13.28	ug/L	94
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	5.25	93	77	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.06	83	1327	N.D.		

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5816.D
Acq On : 6 Jul 2010 20:21
Operator : TRB
Sample : RTG0521-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 07 08:37:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

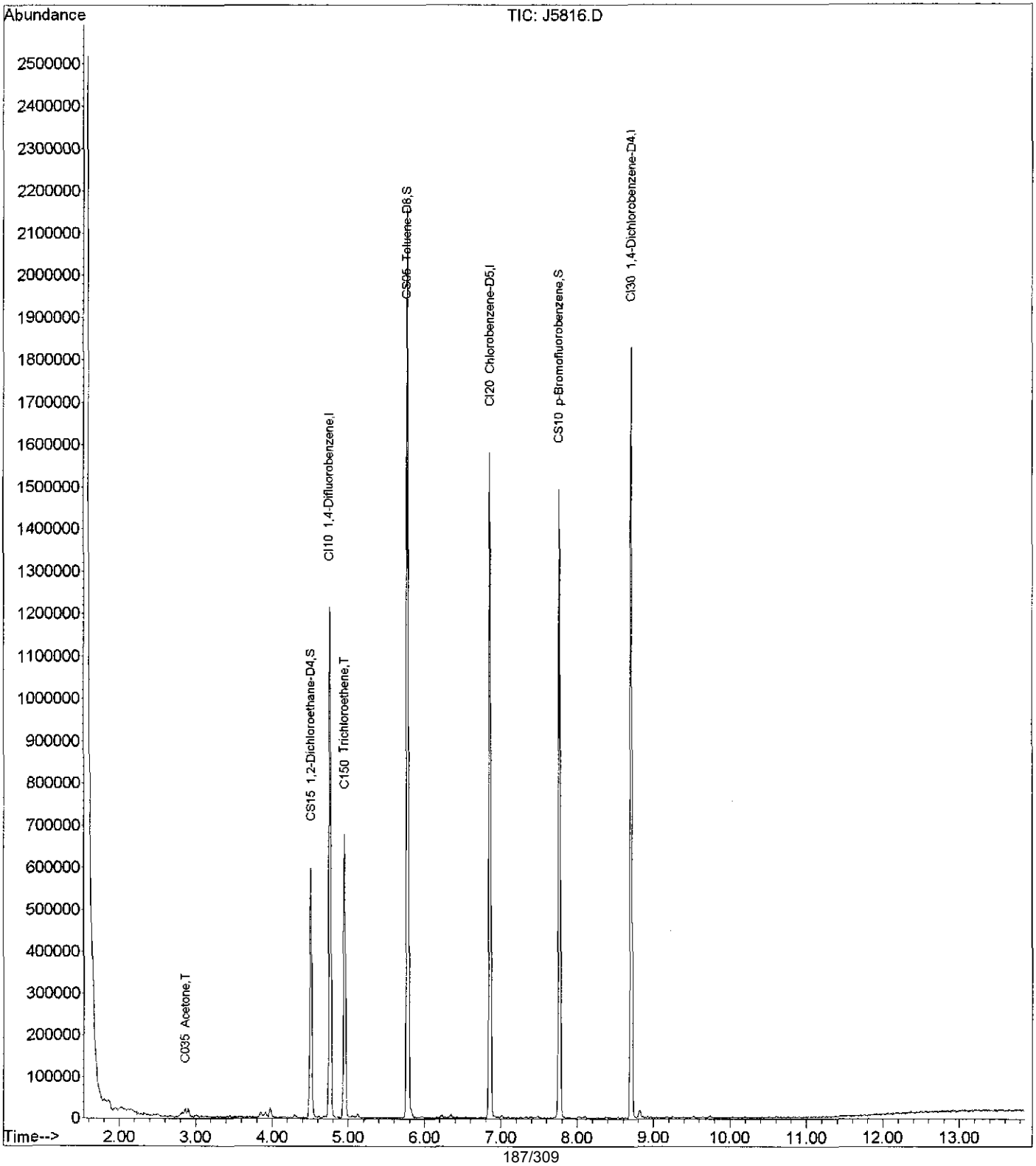
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	6073	N.D.	
45) C170	trans-1,3-Dichloro	6.08	75	75	N.D.	
46) C284	Ethyl Methacrylate	5.87	69	107	N.D.	
47) C160	1,1,2-Trichloroeth	6.19	83	86	N.D.	
48) C210	4-Methyl-2-pentano	5.65	43	684	N.D.	
49) C220	Tetrachloroethene	6.22	166	1828	N.D.	
50) C221	1,3-Dichloropropan	6.22	76	89	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	631	N.D.	
54) C235	Chlorobenzene	6.79	112	75	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.94	91	1794	N.D.	
57) C246	m,p-Xylene	7.01	106	1655	N.D.	
58) C247	o-Xylene	7.33	106	984	N.D.	
59) C245	Styrene	7.34	104	87	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.60	105	108	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.94	83	102	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.78	53	79	N.D.	
68) C302	n-Propylbenzene	7.92	91	512	N.D.	
69) C303	2-Chlorotoluene	8.01	126	74	N.D.	
70) C289	4-Chlorotoluene	8.01	126	74	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	286	N.D.	
72) C306	tert-Butylbenzene	8.37	134	84	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	2002	N.D.	
74) C308	sec-Butylbenzene	8.50	105	99	N.D.	
75) C260	1,3-Dichlorobenzen	8.73	146	84	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	611	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	84	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	74	N.D.	
79) C310	n-Butylbenzene	8.97	91	105	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.76	75	111	N.D.	
81) C313	1,2,4-Trichloroben	10.38	180	86	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.61	128	3028	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	95	N.D.	

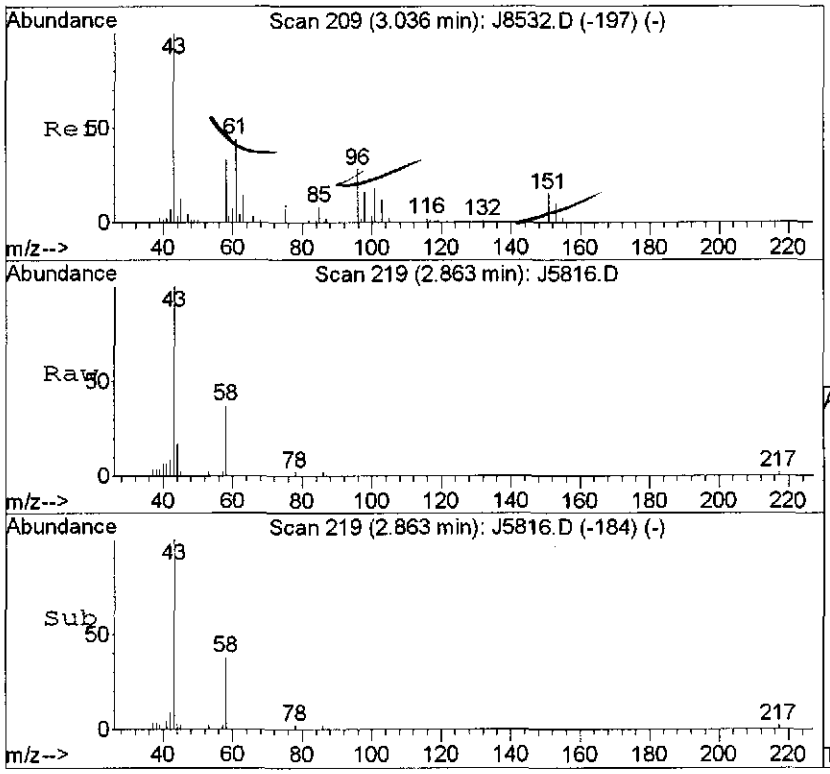
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5816.D
Acq On : 6 Jul 2010 20:21
Operator : TRB
Sample : RTG0521-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 07 08:37:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

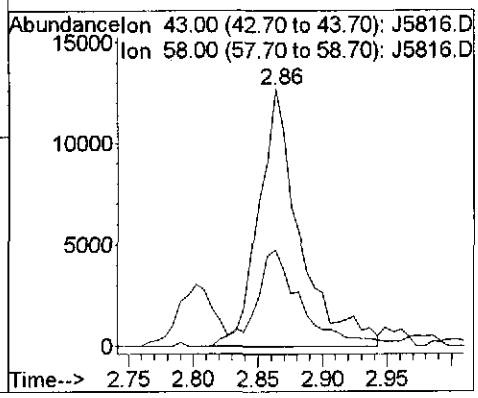


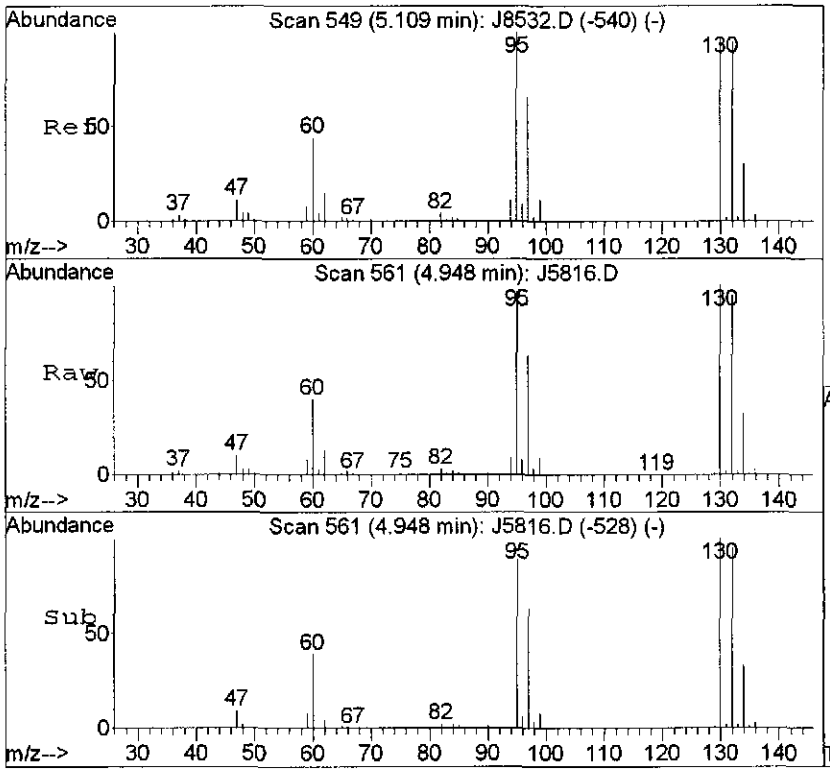


#13
C035 Acetone
Concen: 6.17 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5816.D
Acq: 6 Jul 2010 20:21

Tgt Ion: 43 Resp: 28145

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.6	43.0

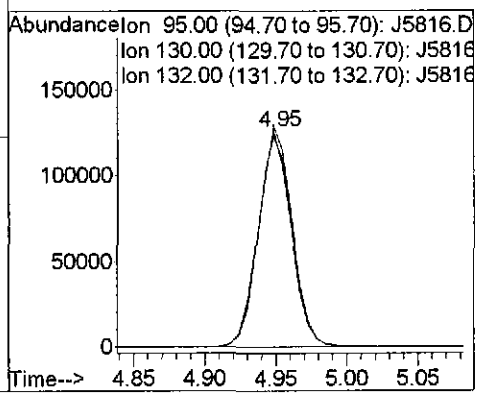




#35
C150 Trichloroethene
Concen: 13.28 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5816.D
Acq: 6 Jul 2010 20:21

Tgt Ion: 95 Resp: 203306

Ion	Ratio	Lower	Upper
95	100		
130	102.7	76.8	116.8
132	97.9	73.1	113.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-3 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-14	File ID:	J5817.D
Sampled:	07/02/10 15:40	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 20:43
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	2.6	J
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	17	
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-3 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-14	File ID:	J5817.D
Sampled:	07/02/10 15:40	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 20:43
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	9.5	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.7	91	66 - 137	
4-Bromofluorobenzene	25.0	23.0	92	73 - 120	
Toluene-d8	25.0	23.3	93	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	499191	8.71	505586	8.71	
1,4-Difluorobenzene	952668	4.75	942126	4.75	
Chlorobenzene-d5	870259	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5817.D
Acq On : 6 Jul 2010 20:43
Operator : TRB
Sample : RTG0521-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

SAS 7/7/10

Quant Time: Jul 07 08:38:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	952668	25.00	ug/L	0.00 101.12%
42) CI20	Chlorobenzene-D5	6.86	117	870259	25.00	ug/L	0.00 100.92%
61) CI30	1,4-Dichlorobenzene-	8.71	152	499191	25.00	ug/L	0.00 98.74%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	372031	22.69	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		90.76%
43) CS05	Toluene-D8	5.77	98	1351243	23.30	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		93.20%
60) CS10	p-Bromofluorobenzene	7.76	174	411843	23.01	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		92.04%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.81	50	858	N.D.		
4) C020	Vinyl chloride	1.93	62	77	N.D.		
5) C015	Bromomethane	2.19	94	199	N.D.		
6) C025	Chloroethane	2.25	64	188	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.81	96	83	N.D.		
9) C030	Methylene chloride	3.16	84	964	N.D.		
10) C040	Carbon disulfide	3.00	76	6401	N.D.		
11) C036	Acrolein	2.76	56	402	N.D.		
12) C038	Acrylonitrile	3.32	53	214	N.D.		
13) C035	Acetone	2.85	43	78779	17.10	ug/L	96
14) C300	Acetonitrile	3.07	41	6537	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.82	101	2517	N.D.		
17) C962	T-butyl Methyl Eth	3.30	73	105	N.D.		
18) C057	trans-1,2-Dichloro	3.31	96	119	N.D.		
19) C255	Methyl Acetate	3.06	43	2661	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	430	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	3.98	77	74	N.D.		
23) C056	cis-1,2-Dichloroet	3.97	96	5493	N.D.		
24) C272	Tetrahydrofuran	4.15	42	1037	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.17	83	74	N.D.		
27) C115	1,1,1-Trichloroeth	4.29	97	1659	N.D.		
28) C120	Carbon tetrachlori	4.29	117	74	N.D.		
29) C116	1,1-Dichloropropen	4.34	75	78	N.D.		
31) C165	Benzene	4.53	78	11300	N.D.		
32) C065	1,2-Dichloroethane	4.53	62	604	N.D.		
33) C110	2-Butanone	3.96	43	18723	2.55	ug/L	97
34) C256	Cyclohexane	4.30	56	2923	N.D.		
35) C150	Trichloroethene	4.95	95	146277	9.46	ug/L	89
36) C140	1,2-Dichloropropan	5.11	63	73	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.30	83	93	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
40) C012	Methylcycolhexane	5.06	83	1577	N.D.		

7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5817.D
Acq On : 6 Jul 2010 20:43
Operator : TRB
Sample : RTG0521-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 07 08:38:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	13164	N.D.	
45) C170	trans-1,3-Dichloro	5.96	75	82	N.D.	
46) C284	Ethyl Methacrylate	6.02	69	177	N.D.	
47) C160	1,1,2-Trichloroeth	6.03	83	156	N.D.	
48) C210	4-Methyl-2-pentano	5.66	43	1605	N.D.	
49) C220	Tetrachloroethene	6.22	166	1747	N.D.	
50) C221	1,3-Dichloropropan	6.12	76	82	N.D.	
51) C155	Chlorodibromometha	6.48	129	78	N.D.	
52) C163	1,2-Dibromoethane	6.48	107	94	N.D.	
53) C215	2-Hexanone	6.27	43	1648	N.D.	
54) C235	Chlorobenzene	6.90	112	79	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.93	91	4326	N.D.	
57) C246	m,p-Xylene	7.02	106	5936	N.D.	
58) C247	o-Xylene	7.33	106	3028	N.D.	
59) C245	Styrene	7.34	104	210	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.60	105	329	N.D.	
64) C301	Bromobenzene	7.77	156	165	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.85	83	97	N.D.	
66) C282	1,2,3-Trichloropro	7.94	110	76	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.86	53	106	N.D.	
68) C302	n-Propylbenzene	7.94	91	1381	N.D.	
69) C303	2-Chlorotoluene	8.03	126	85	N.D.	
70) C289	4-Chlorotoluene	8.03	126	85	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	1843	N.D.	
72) C306	tert-Butylbenzene	8.31	134	107	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	6307	N.D.	
74) C308	sec-Butylbenzene	8.53	105	287	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	198	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	755	N.D.	
77) C267	1,4-Dichlorobenzen	8.70	146	187	N.D.	
78) C249	1,2-Dichlorobenzen	9.07	146	92	N.D.	
79) C310	n-Butylbenzene	8.97	91	605	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	10.55	225	79	N.D.	
83) C314	Naphthalene	10.61	128	5709	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	181	N.D.	

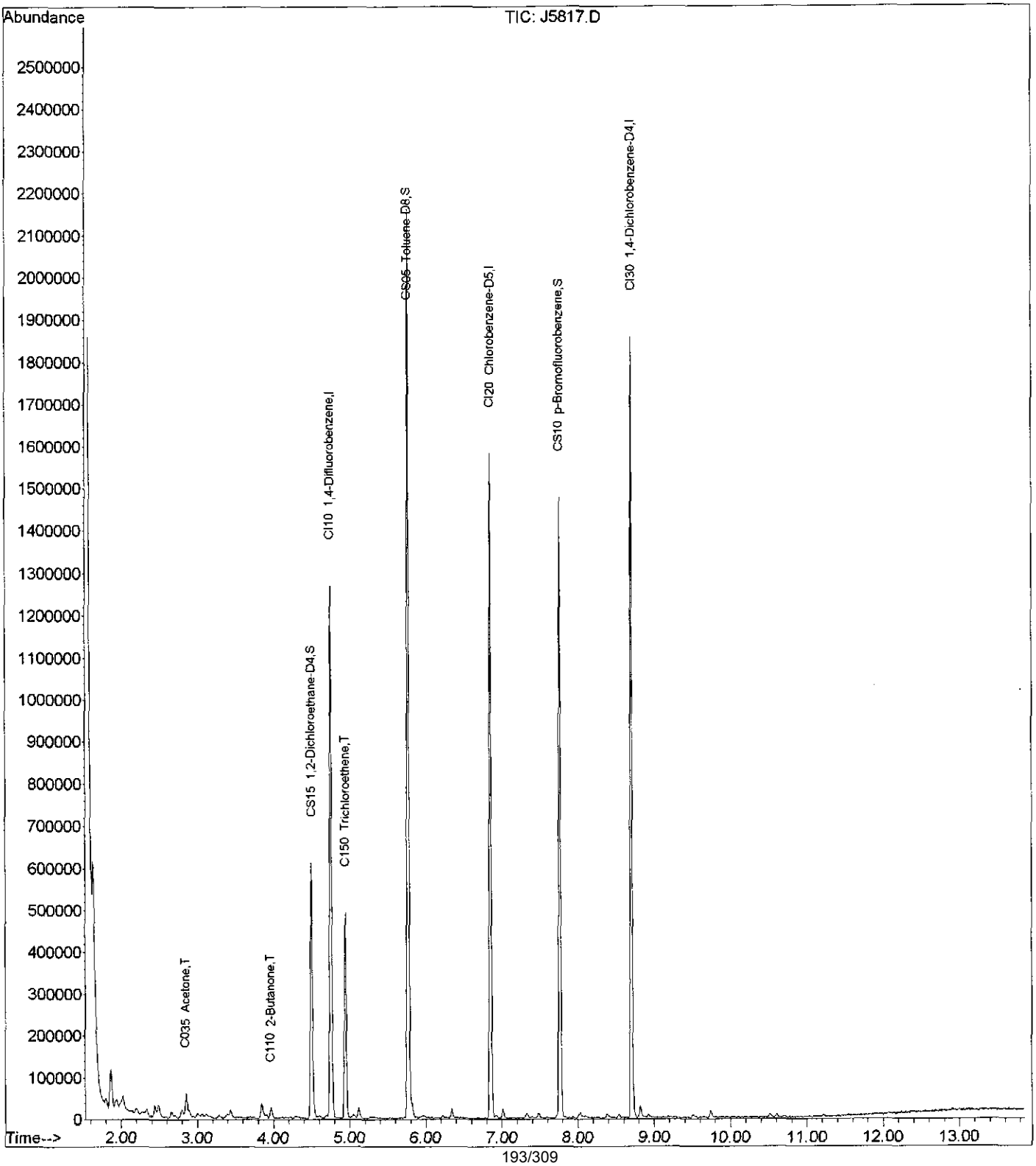
(#) = qualifier out of range (m) = manual integration (+) = signals summed

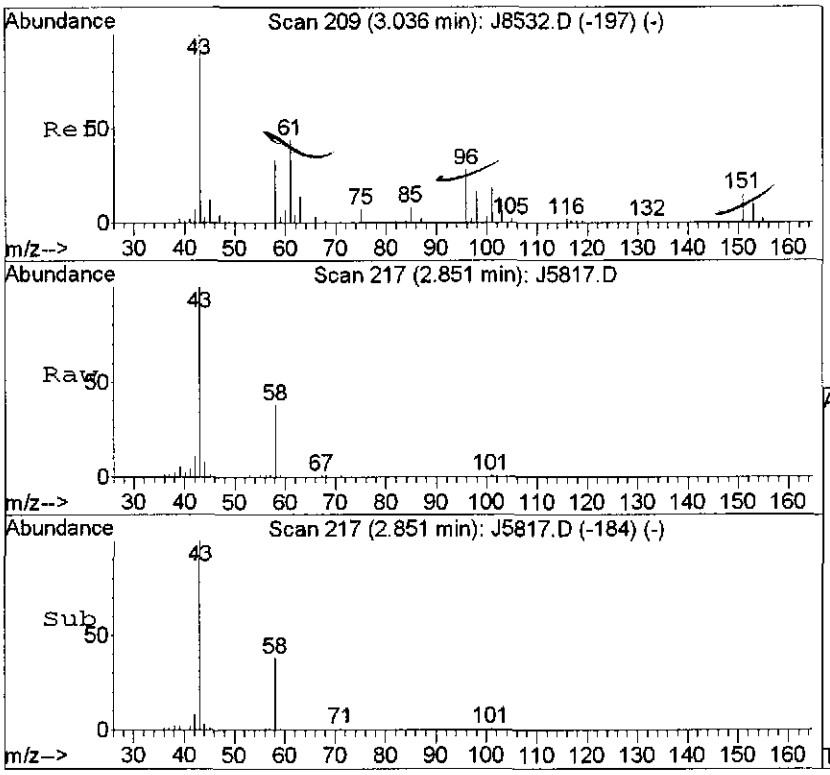
7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5817.D
Acq On : 6 Jul 2010 20:43
Operator : TRB
Sample : RTG0521-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 07 08:38:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

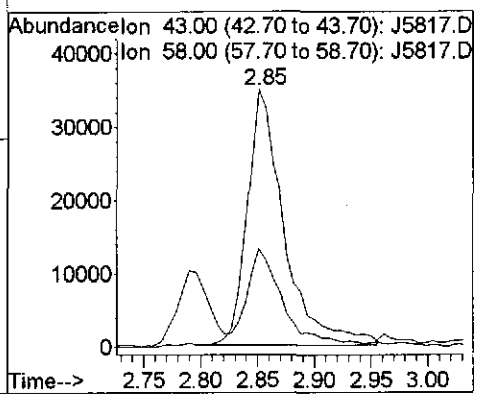


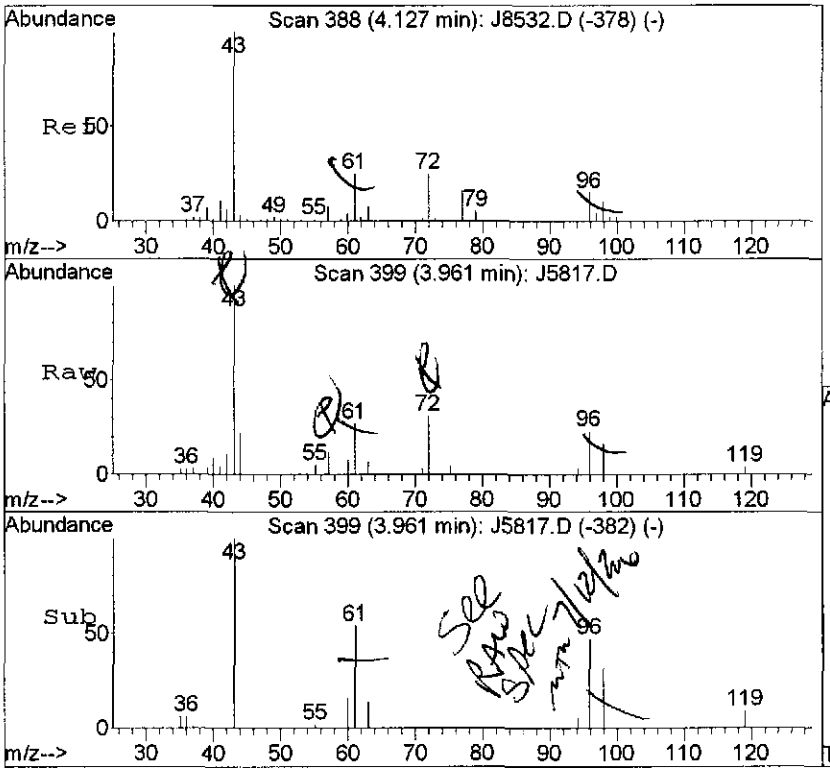


#13
C035 Acetone
Concen: 17.10 ug/L
RT: 2.85 min Scan# 217
Delta R.T. -0.00 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

Tgt Ion: 43 Resp: 78779

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.6	43.0

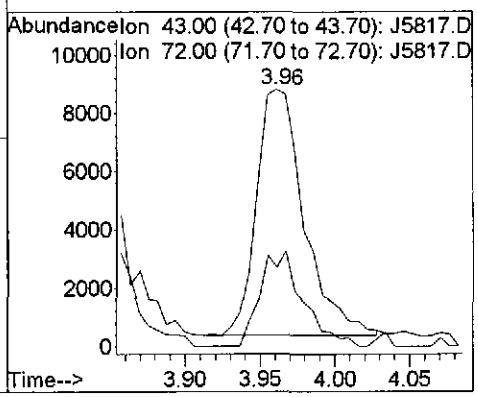


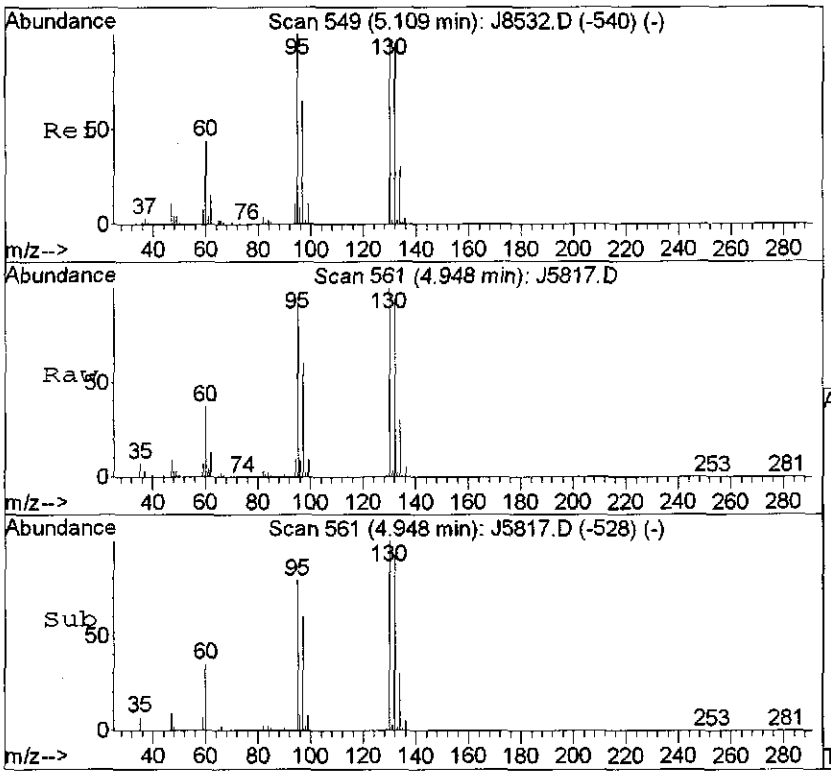


#33
C110 2-Butanone
Concen: 2.55 ug/L
RT: 3.96 min Scan# 399
Delta R.T. 0.01 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

Tgt Ion: 43 Resp: 18723

Ion	Ratio	Lower	Upper
43	100		
72	30.9	26.2	39.2

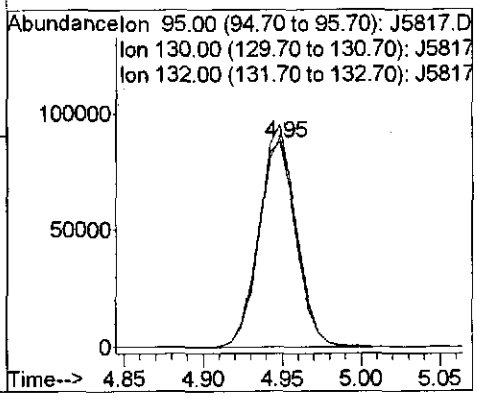




#35
C150 Trichloroethene
Concen: 9.46 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

Tgt Ion: 95 Resp: 146277

Ion	Ratio	Lower	Upper
95	100		
130	108.5	76.8	116.8
132	102.1	73.1	113.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP070210

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-17	File ID:	J5820.D
Sampled:	07/02/10 00:00	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 21:49
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	4.4	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP070210

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0521-17 File ID: J5820.D

Sampled: 07/02/10 00:00 Prepared: 07/06/10 15:17 Analyzed: 07/06/10 21:49

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	91	66 - 137	
4-Bromofluorobenzene	25.0	23.4	94	73 - 120	
Toluene-d8	25.0	23.6	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	497042	8.71	505586	8.71	
1,4-Difluorobenzene	952296	4.75	942126	4.75	
Chlorobenzene-d5	861219	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5820.D
Acq On : 6 Jul 2010 21:49
Operator : TRB
Sample : RTG0521-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 07 08:39:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

SAE 7/7/10

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.75	114	952296	25.00	ug/L	0.00 101.08%
42) CI20 Chlorobenzene-D5	6.86	117	861219	25.00	ug/L	0.00 99.87%
61) CI30 1,4-Dichlorobenzene-	8.71	152	497042	25.00	ug/L	0.00 98.31%
System Monitoring Compounds						
30) CS15 1,2-Dichloroethane-D	4.50	65	371208	22.65	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 90.60%			
43) CS05 Toluene-D8	5.77	98	1354533	23.60	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 94.40%			
60) CS10 p-Bromofluorobenzene	7.77	174	414773	23.42	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 93.68%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	1.83	50	2169	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	2.19	94	361	N.D.		
6) C025 Chloroethane	2.27	64	118	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.78	96	83	N.D.		
9) C030 Methylene chloride	3.16	84	196	N.D.		
10) C040 Carbon disulfide	3.00	76	12775	N.D.		
11) C036 Acrolein	2.80	56	13909	13.32	ug/L	99
12) C038 Acrylonitrile	3.31	53	274	N.D.		
13) C035 Acetone	2.86	43	20360	4.42	ug/L	88
14) C300 Acetonitrile	3.08	41	20922	11.06	ug/L #	79
15) C276 Iodomethane	2.96	142	81	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	3.29	73	191	N.D.		
18) C057 trans-1,2-Dichloro	3.32	96	120	N.D.		
19) C255 Methyl Acetate	3.06	43	840	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	3.59	43	781	N.D.		
22) C051 2,2-Dichloropropan	3.98	77	208	N.D.		
23) C056 cis-1,2-Dichloroet	3.99	96	658	N.D.		
24) C272 Tetrahydrofuran	4.17	42	1189	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120 Carbon tetrachlori	4.33	117	91	N.D.		
29) C116 1,1-Dichloropropen	4.38	75	103	N.D.		
31) C165 Benzene	4.53	78	5415	N.D.		
32) C065 1,2-Dichloroethane	4.50	62	1018	N.D.		
33) C110 2-Butanone	3.97	43	3877	N.D.		
34) C256 Cyclohexane	4.32	56	1026	N.D.		
35) C150 Trichloroethene	4.95	95	4013	N.D.		
36) C140 1,2-Dichloropropan	5.08	63	78	N.D.		
37) C278 Dibromomethane	5.29	93	80	N.D.		
38) C130 Bromodichlorometha	5.30	83	106	N.D.		
39) C161 2-Chloroethylvinyl	5.46	63	90	N.D.		
40) C012 Methylcycolhexane	5.06	83	1550	N.D.		

7/12/2010

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5820.D
Acq On : 6 Jul 2010 21:49
Operator : TRB
Sample : RTG0521-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 07 08:39:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.59	75	83	N.D.	
44) C230	Toluene	5.82	92	5699	N.D.	
45) C170	trans-1,3-Dichloro	5.98	75	98	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	583	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	5.67	43	2671	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	6.25	76	80	N.D.	
51) C155	Chlorodibromometha	6.45	129	94	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	5172	N.D.	
54) C235	Chlorobenzene	6.88	112	185	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	6.93	91	1993	N.D.	
57) C246	m,p-Xylene	7.01	106	2249	N.D.	
58) C247	o-Xylene	7.34	106	1049	N.D.	
59) C245	Styrene	7.34	104	819	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.60	105	845	N.D.	
64) C301	Bromobenzene	7.91	156	226	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.89	83	98	N.D.	
66) C282	1,2,3-Trichloropro	7.87	110	94	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.94	53	78	N.D.	
68) C302	n-Propylbenzene	7.94	91	1743	N.D.	
69) C303	2-Chlorotoluene	8.04	126	202	N.D.	
70) C289	4-Chlorotoluene	8.12	126	574	N.D.	
71) C304	1,3,5-Trimethylben	8.06	105	1703	N.D.	
72) C306	tert-Butylbenzene	8.34	134	354	N.D.	
73) C307	1,2,4-Trimethylben	8.38	105	3202	N.D.	
74) C308	sec-Butylbenzene	8.51	105	1850	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	1186	N.D.	
76) C309	4-Isopropyltoluene	8.63	119	2491	N.D.	
77) C267	1,4-Dichlorobenzen	8.73	146	1998	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	1168	N.D.	
79) C310	n-Butylbenzene	8.98	91	3260	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.70	75	73	N.D.	
81) C313	1,2,4-Trichloroben	10.39	180	5374	N.D.	
82) C316	Hexachlorobutadien	10.49	225	2420	N.D.	
83) C314	Naphthalene	10.61	128	21575	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	7481	N.D.	

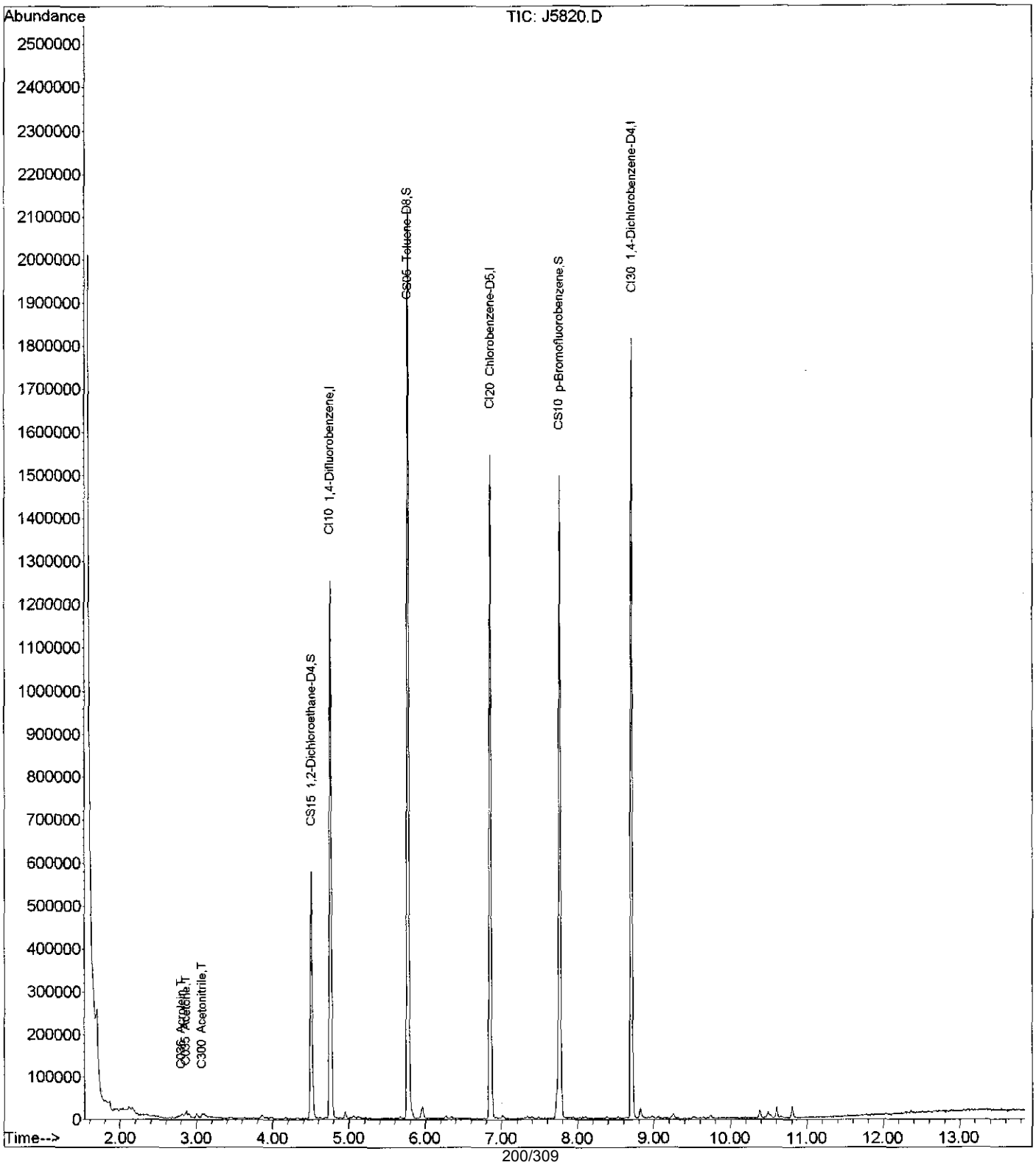
(#) = qualifier out of range (m) = manual integration (+) = signals summed

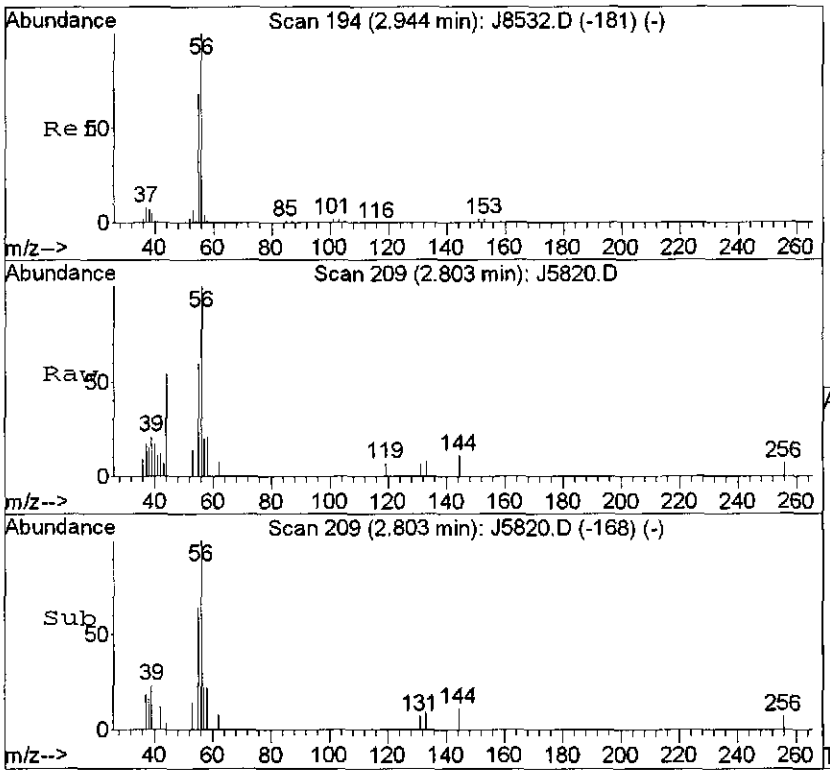
7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5820.D
Acq On : 6 Jul 2010 21:49
Operator : TRB
Sample : RTG0521-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 07 08:39:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

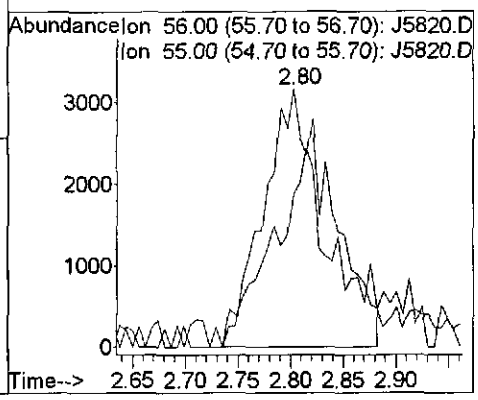


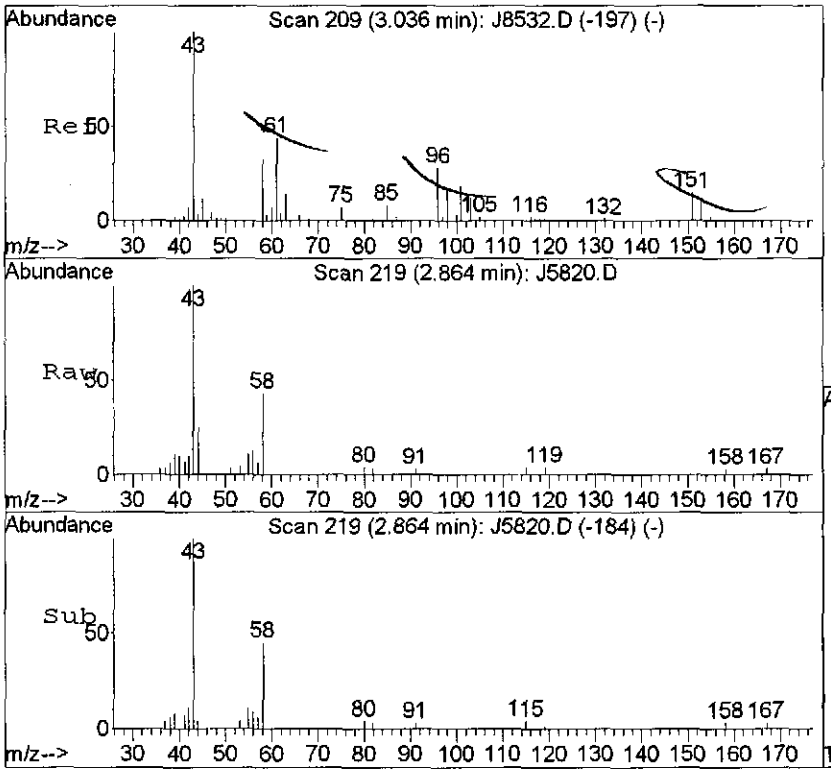


#11
C036 Acrolein
Concen: 13.32 ug/L
RT: 2.80 min Scan# 209
Delta R.T. 0.05 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

Tgt Ion: 56 Resp: 13909

Ion	Ratio	Lower	Upper
56	100		
55	72.5	58.7	88.1

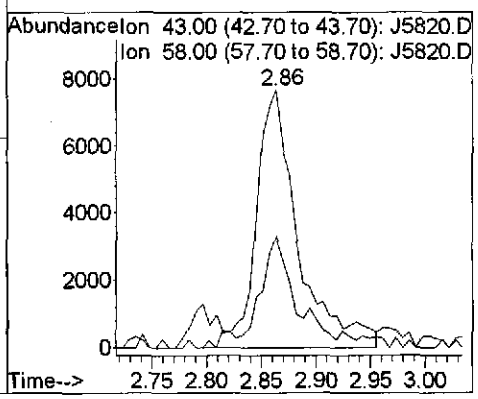


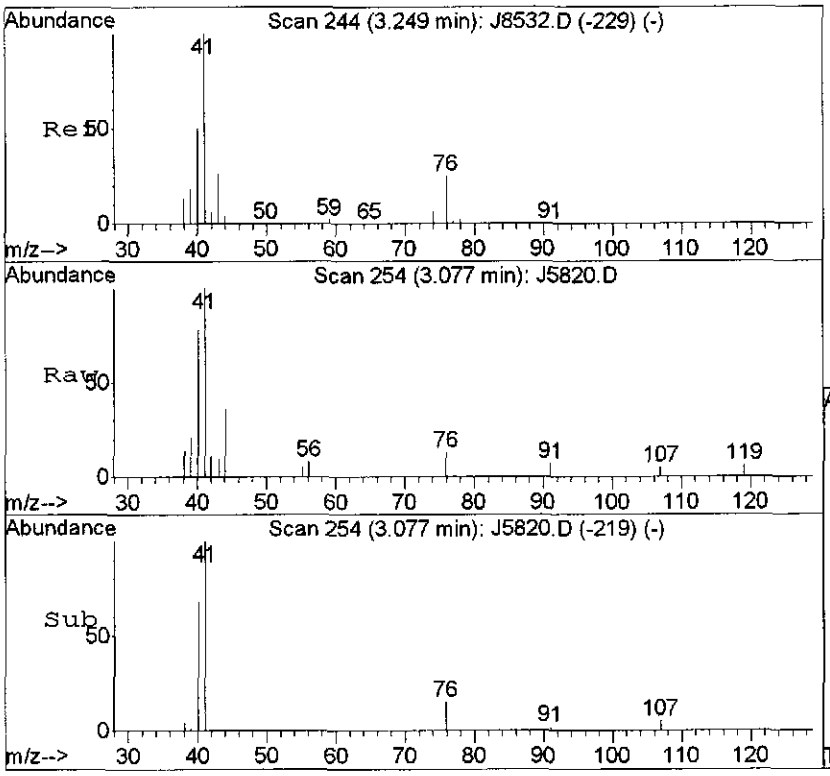


#13
C035 Acetone
Concen: 4.42 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

Tgt Ion: 43 Resp: 20360

Ion	Ratio	Lower	Upper
43	100		
58	42.8	28.6	43.0

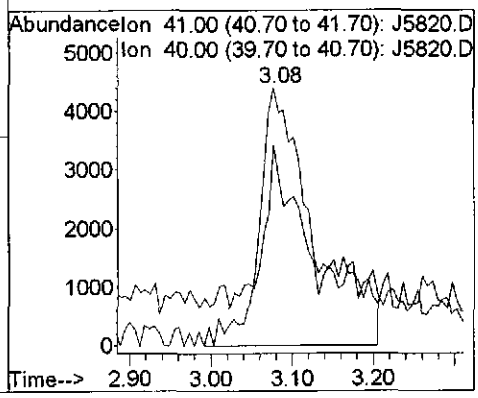




#14
C300 Acetonitrile
Concen: 11.06 ug/L
RT: 3.08 min Scan# 254
Delta R.T. 0.01 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

Tgt Ion: 41 Resp: 20922

Ion	Ratio	Lower	Upper
41	100		
40	38.5	42.6	63.8#



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

TRIP BLANK

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-18	File ID:	J5821.D
Sampled:	07/02/10 00:00	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 22:11
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

TRIP BLANK

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0521-18	File ID:	J5821.D
Sampled:	07/02/10 00:00	Prepared:	07/06/10 15:17	Analyzed:	07/06/10 22:11
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.2	89	66 - 137	
4-Bromofluorobenzene	25.0	22.9	92	73 - 120	
Toluene-d8	25.0	22.7	91	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	499020	8.71	505586	8.71	
1,4-Difluorobenzene	957018	4.75	942126	4.75	
Chlorobenzene-d5	858710	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5821.D
Acq On : 6 Jul 2010 22:11
Operator : TRB
Sample : RTG0521-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 07 08:39:29 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

SAE 7/7/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	957018	25.00	ug/L	0.00 101.58%
42) CI20	Chlorobenzene-D5	6.86	117	858710	25.00	ug/L	0.00 99.58%
61) CI30	1,4-Dichlorobenzene-	8.71	152	499020	25.00	ug/L	0.00 98.70%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	365253	22.17	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		88.68%
43) CS05	Toluene-D8	5.77	98	1300097	22.72	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		90.88%
60) CS10	p-Bromofluorobenzene	7.77	174	404308	22.89	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		91.56%
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.80	50	700	N.D.		
4) C020	Vinyl chloride	1.96	62	85	N.D.		
5) C015	Bromomethane	2.21	94	73	N.D.		
6) C025	Chloroethane	2.26	64	75	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.83	96	76	N.D.		
9) C030	Methylene chloride	3.16	84	1963	N.D.		
10) C040	Carbon disulfide	3.00	76	7982	N.D.		
11) C036	Acrolein	2.80	56	5595	5.33	ug/L	85
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.85	43	6155	N.D.		
14) C300	Acetonitrile	3.09	41	1104	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.05	43	245	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.58	43	93	N.D.		
22) C051	2,2-Dichloropropan	4.00	77	75	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	4.17	42	883	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.17	83	450	N.D.		
27) C115	1,1,1-Trichloroeth	4.31	97	79	N.D.		
28) C120	Carbon tetrachlori	4.51	117	81	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.54	78	244	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.96	43	768	N.D.		
34) C256	Cyclohexane	4.32	56	203	N.D.		
35) C150	Trichloroethene	0.00	95	0	N.D.		
36) C140	1,2-Dichloropropan	5.12	63	78	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.38	83	103	N.D.		
39) C161	2-Chloroethylvinyl	5.53	63	148	N.D.		
40) C012	Methylcycolhexane	5.06	83	198	N.D.		

MF

7/7/10

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5821.D
Acq On : 6 Jul 2010 22:11
Operator : TRB
Sample : RTG0521-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 07 08:39:29 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

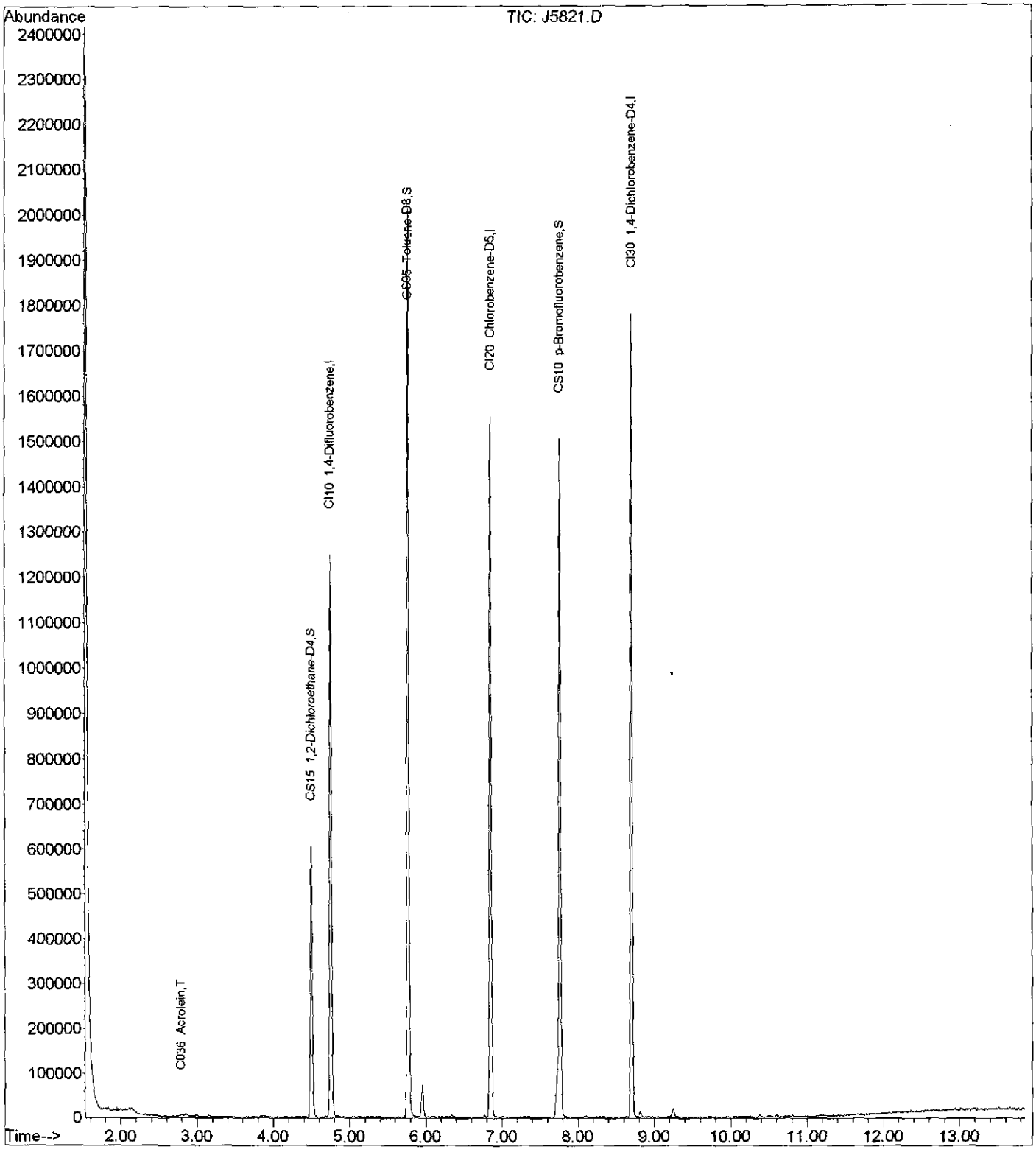
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.58	75	82	N.D.	
44) C230	Toluene	5.82	92	1727	N.D.	
45) C170	trans-1,3-Dichloro	5.95	75	1138	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	84	N.D.	
47) C160	1,1,2-Trichloroeth	6.09	83	91	N.D.	
48) C210	4-Methyl-2-pentano	5.77	43	5405	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Chlorodibromometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.27	43	654	N.D.	
54) C235	Chlorobenzene	6.89	112	119	N.D.	
55) C281	1,1,1,2-Tetrachlor	6.78	131	114	N.D.	
56) C240	Ethylbenzene	6.94	91	857	N.D.	
57) C246	m,p-Xylene	7.02	106	360	N.D.	
58) C247	o-Xylene	7.22	106	105	N.D.	
59) C245	Styrene	7.35	104	75	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.60	105	245	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	7.91	83	74	N.D.	
66) C282	1,2,3-Trichloropro	7.77	110	93	N.D.	
67) C283	t-1,4-Dichloro-2-B	7.81	53	82	N.D.	
68) C302	n-Propylbenzene	7.94	91	462	N.D.	
69) C303	2-Chlorotoluene	8.11	126	90	N.D.	
70) C289	4-Chlorotoluene	8.11	126	90	N.D.	
71) C304	1,3,5-Trimethylben	8.07	105	270	N.D.	
72) C306	tert-Butylbenzene	8.25	134	75	N.D.	
73) C307	1,2,4-Trimethylben	8.39	105	461	N.D.	
74) C308	sec-Butylbenzene	8.52	105	621	N.D.	
75) C260	1,3-Dichlorobenzen	8.66	146	258	N.D.	
76) C309	4-Isopropyltoluene	8.62	119	868	N.D.	
77) C267	1,4-Dichlorobenzen	8.72	146	150	N.D.	
78) C249	1,2-Dichlorobenzen	9.05	146	400	N.D.	
79) C310	n-Butylbenzene	8.97	91	859	N.D.	
80) C286	1,2-Dibromo-3-Chlo	9.54	75	100	N.D.	
81) C313	1,2,4-Trichloroben	10.38	180	1446	N.D.	
82) C316	Hexachlorobutadien	10.50	225	490	N.D.	
83) C314	Naphthalene	10.61	128	3417	N.D.	
84) C934	1,2,3-Trichloroben	10.81	180	1593	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/7/2010

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5821.D
Acq On : 6 Jul 2010 22:11
Operator : TRB
Sample : RTG0521-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 07 08:39:29 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

Client: ARCADIS U.S., Inc. - Albany, NY

Calibration: R10G020

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973J

Calibration Date: 07/06/10 11:55

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1-Trichloroethane	1	0.5273324	10	0.5978827	25	0.6109636	50	0.5988568	100	0.5559851		
1,1,2,2-Tetrachloroethane	1	0.981162	10	1.054186	25	1.054253	50	1.0181	100	0.9675021		
1,1,2-Trichloroethane	1	0.3248817	10	0.3675261	25	0.356836	50	0.3485365	100	0.3349792		
1,1,2-Trichlorotrifluoroethane	1	0.31797	10	0.3253234	25	0.3350968	50	0.3321594	100	0.3013267		
1,1-Dichloroethane	1	0.6717166	10	0.7055637	25	0.7040213	50	0.6825211	100	0.6145199		
1,1-Dichloroethene	1	0.3445362	10	0.3742716	25	0.374081	50	0.3644804	100	0.3402817		
1,2,4-Trichlorobenzene	1	1.253073	10	1.26926	25	1.316554	50	1.294236	100	1.191243		
1,2-Dibromo-3-chloropropane	1	0.177237	10	0.1915138	25	0.1991344	50	0.2012834	100	0.1951492		
1,2-Dibromoethane (EDB)	1	0.3940205	10	0.4487862	25	0.4559365	50	0.4541273	100	0.4316622		
1,2-Dichlorobenzene	1	1.861039	10	1.887748	25	1.869243	50	1.828109	100	1.704127		
1,2-Dichloroethane	1	0.5330822	10	0.5450669	25	0.5449449	50	0.5387579	100	0.5019253		
1,2-Dichloroethane-d4	1	0.4286006	10	0.4594667	25	0.4443925	50	0.4222024	100	0.3968834		
1,2-Dichloroethene, Total	2	14987.5	20	15989.9	50	15442.84	100	15965.59	200	15441.95		
1,2-Dichloropropane	1	0.3905347	10	0.4171994	25	0.4150425	50	0.4129246	100	0.3862621		
1,3-Dichlorobenzene	1	1.883244	10	1.950692	25	1.937607	50	1.866795	100	1.744523		
1,4-Dichlorobenzene	1	1.909032	10	1.999755	25	2.0038	50	1.912337	100	1.787609		
2-Butanone (MEK)	5	0.1848299	50	0.1912035	125	0.2084313	250	0.1971537	500	0.1836001		
2-Hexanone	5	0.3115516	50	0.3203557	125	0.352525	250	0.3324433	500	0.3051443		
4-Bromofluorobenzene	1	0.5160231	10	0.5206307	25	0.5385508	50	0.5129438	100	0.4826599		
4-Methyl-2-pentanone (MIBK)	5	0.4192289	50	0.4478967	125	0.4897635	250	0.456716	500	0.420156		
Acetone	5	0.1340718	50	0.1152087	125	0.1243091	250	0.1189183	500	0.1120304		
Benzene	1	1.616815	10	1.744368	25	1.749752	50	1.714592	100	1.562367		
Bromodichloromethane	1	0.4752646	10	0.5247717	25	0.5403548	50	0.5350012	100	0.5043066		
Bromoform	1	0.3824321	10	0.5054335	25	0.5339125	50	0.5410416	100	0.53345		
Bromomethane	1	0.2085638	10	0.1753968	25	0.2132169	50	0.2267686	100	0.2123769		
Carbon disulfide	1	1.02557	10	1.076568	25	1.136725	50	1.133811	100	1.023776		
Carbon Tetrachloride	1	0.4158765	10	0.4916368	25	0.5134656	50	0.5055463	100	0.4806676		
Chlorobenzene	1	1.220085	10	1.2828	25	1.288258	50	1.256774	100	1.173359		
Chlorodibromomethane	1	0.3804093	10	0.4455646	25	0.4562396	50	0.4650956	100	0.4506617		
Chloroethane	1	0.2624683	10	0.259695	25	0.2570818	50	0.2477359	100	0.2295956		
Chloroform	1	0.6465611	10	0.6877147	25	0.7008988	50	0.6816588	100	0.6283731		
Chloromethane	1	0.3395318	10	0.3045309	25	0.3045482	50	0.2943797	100	0.2760949		
cis-1,2-Dichloroethene	1	0.4178197	10	0.454819	25	0.4573025	50	0.4405759	100	0.4036969		
cis-1,3-Dichloropropene	1	0.6028785	10	0.680686	25	0.6857278	50	0.6778488	100	0.6442812		
Cyclohexane	1	0.6135796	10	0.6226598	25	0.6576605	50	0.6654123	100	0.5946527		
Dichlorodifluoromethane	1	0.3744299	10	0.4269053	25	0.4098962	50	0.4089715	100	0.3791934		
Ethylbenzene	1	2.155887	10	2.304899	25	2.29574	50	2.229317	100	2.015521		
Isopropylbenzene	1	3.791317	10	4.152826	25	4.168343	50	3.993943	100	3.697771		
Methyl Acetate	1	0.3545186	10	0.334358	25	0.3633015	50	0.3771411	100	0.3294736		
Methyl tert-Butyl Ether	1	1.175943	10	1.242311	25	1.316861	50	1.275449	100	1.192298		
Methylcyclohexane	1	0.6745382	10	0.7204718	25	0.7502812	50	0.7603251	100	0.7002703		
Methylene Chloride	1	0.5497992	10	0.4382692	25	0.4377627	50	0.4318913	100	0.3941783		
Styrene	1	1.375486	10	1.551644	25	1.549216	50	1.509565	100	1.386694		
Tetrachloroethene	1	0.4626323	10	0.4988454	25	0.50277	50	0.4920379	100	0.4586542		

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10G020

Instrument: HP5973J

Calibration Date: 07/06/10 11:55

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Toluene	1	1.215811	10	1.250343	25	1.243631	50	1.214767	100	1.137066		
Toluene-d8	1	1.564168	10	1.738195	25	1.805005	50	1.664308	100	1.558722		
trans-1,2-Dichloroethene	1	0.3800999	10	0.4143863	25	0.4191128	50	0.4118487	100	0.375114		
trans-1,3-Dichloropropene	1	0.5935334	10	0.7034456	25	0.7143975	50	0.6971424	100	0.6621857		
Trichloroethene	1	0.3801798	10	0.4196238	25	0.4235508	50	0.4173374	100	0.3886761		
Trichlorofluoromethane	1	0.492727	10	0.5536339	25	0.5674188	50	0.5646292	100	0.526387		
Vinyl acetate	5	28227.2	50	28749.52	125	29444.74	250	28857.89	500	27354.22		
Vinyl chloride	1	0.2869583	10	0.3260682	25	0.32919	50	0.324675	100	0.2987301		
Xylenes, total	3	0.8889292	30	0.9403888	75	0.9371967	150	0.9089248	300	0.8207455		

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10G020

Instrument: HP5973J

Calibration Date: 07/06/10 11:55

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
1,1,1-Trichloroethane	0.5782041	6.095439	4.298	0.1046363			15	
1,1,2,2-Tetrachloroethane	1.015041	3.96743	7.88	1.012889E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.3465519	4.899429	6.13	1.750222E-02			15	
1,1,2-Trichlorotrifluoroethane	0.3223753	4.186814	2.822	0.159017			15	
1,1-Dichloroethane	0.6756685	5.487717	3.6	1.485793E-02			SPCC (0.1)	
1,1-Dichloroethene	0.3595302	4.503956	2.818	0.2969581			CCC (30)	
1,2,4-Trichlorobenzene	1.264873	3.773552	10.39	1.911733E-02			15	
1,2-Dibromo-3-chloropropane	0.1928636	4.92887	9.71	1.875354E-02			15	
1,2-Dibromoethane (EDB)	0.4369065	5.909563	6.532	6.941782E-02			15	
1,2-Dichlorobenzene	1.830053	4.023421	9.05	8.865502E-03			15	
1,2-Dichloroethane	0.5327554	3.366621	4.556	0.1206847			15	
1,2-Dichloroethane-d4	0.4303091	5.492519	4.504	0.1207745			15	
1,2-Dichloroethene, Total	15565.56	2.696316	3.972	0.1130629			15	
1,2-Dichloropropane	0.4043927	3.64897	5.11	1.911559E-02			CCC (30)	
1,3-Dichlorobenzene	1.876572	4.36155	8.66	8.964802E-03			15	
1,4-Dichlorobenzene	1.922507	4.583419	8.73	1.505792E-02			CCC (20)	
2-Butanone (MEK)	0.1930437	5.268176	3.96	0.178857			15	
2-Hexanone	0.324404	5.783279	6.26	6.469785E-03			15	
4-Bromofluorobenzene	0.5141617	3.930935	7.764	6.799048E-02			15	
4-Methyl-2-pentanone (MIBK)	0.4467522	6.540739	5.662	7.905692E-02			15	
Acetone	0.1209077	7.16397	2.858	0.1578967			15	
Benzene	1.677579	4.987813	4.53	2.112762E-02			15	
Bromodichloromethane	0.5159398	5.152896	5.3	4.120111E-03			15	
Bromoform	0.4992539	13.36248	7.55	9.808148E-03			SPCC (0.1)	
Bromomethane	0.2072646	9.215191	2.186	0.5215544			15	
Carbon disulfide	1.07929	5.126674	3	0			15	
Carbon Tetrachloride	0.4814386	8.051222	4.4	1.215648E-02			15	
Chlorobenzene	1.244255	3.852134	6.88	1.921208E-02			SPCC (0.3)	
Chlorodibromomethane	0.4395942	7.704571	6.44	2.166916E-02			15	
Chloroethane	0.2513153	5.310289	2.262	0.3693565			15	
Chloroform	0.6690413	4.534839	4.17	9.308775E-03			CCC (30)	
Chloromethane	0.3038171	7.602783	1.814	0.8358691			SPCC (0.1)	
cis-1,2-Dichloroethene	0.4348428	5.388578	3.972	0.1130629			15	
cis-1,3-Dichloropropene	0.6582845	5.31883	5.59	1.388823E-02			15	
Cyclohexane	0.630793	4.748626	4.32	0.1633371			15	
Dichlorodifluoromethane	0.3998793	5.57645	1.684	0.5309196			15	
Ethylbenzene	2.200273	5.42571	6.928	6.642208E-02			CCC (30)	
Isopropylbenzene	3.96084	5.340151	7.61	7.863581E-03			15	
Methyl Acetate	0.3517586	5.658159	3.056	0.179606			15	
Methyl tert-Butyl Ether	1.240572	4.690987	3.298	0.1344174			15	
Methylcyclohexane	0.7211773	4.898729	5.06	7.886926E-03			15	
Methylene Chloride	0.4503801	12.98975	3.158	0.1413698			15	
Styrene	1.474521	5.900313	7.342	6.182278E-02			15	
Tetrachloroethene	0.482988	4.307255	6.22	0.0173913			15	
Toluene	1.212324	3.713576	5.82	8.439899E-03			CCC (30)	
Toluene-d8	1.66608	6.465569	5.77	1.071089E-02			15	
trans-1,2-Dichloroethene	0.4001123	5.194565	3.32	0.2135402			15	
trans-1,3-Dichloropropene	0.6741409	7.285495	5.98	2.183037E-02			15	
Trichloroethene	0.4058736	4.910516	4.95	1.620865E-02			15	
Trichlorofluoromethane	0.5409592	5.816202	2.482	0.3370674			15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Calibration:	R10G020	Instrument:	HP5973J
		Calibration Date:	07/06/10 11:55

Compound	Mean CF	CF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
Vinyl acetate	28526.71	2.75272	3.592	0.1252147			15	
Vinyl chloride	0.3131243	6.082411	1.93	0.5181064			CCC (30)	
Xylenes, total	0.899237	5.418185	7.33	0.0203887			15	

Response Factor Report HP5973J

Method Path : C:\MSDCHEM\1\METHODS\8260\
Method File : R10G020.M
Title : 8260 5ML WATER
Last Update : Tue Jul 06 14:11:32 2010
Response Via : Initial Calibration

R10G020
8260 5mL

Calibration Files
1 =J5798.D 2 =J5793.D 3 =J5794.D
4 =J5795.D 5 =J5796.D

		Compound		1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.374	0.427	0.410	0.409	0.379	0.400	5.58
3)	T	C010	Chloromethane	0.340	0.305	0.305	0.294	0.276	0.304	7.60
4)	T	C020	Vinyl chloride	0.287	0.326	0.329	0.325	0.299	0.313	6.08
5)	T	C015	Bromomethane	0.209	0.175	0.213	0.227	0.212	0.207	9.22
6)	T	C025	Chloroethane	0.262	0.260	0.257	0.248	0.230	0.251	5.31
7)	T	C275	Trichlorofluoro	0.493	0.554	0.567	0.565	0.526	0.541	5.82
8)	T	C045	1,1-Dichloroeth	0.345	0.374	0.374	0.364	0.340	0.360	4.50
9)	T	C030	Methylene chlor	0.550	0.438	0.438	0.432	0.394	0.450	12.99
10)	T	C040	Carbon disulfid	1.026	1.077	1.137	1.134	1.024	1.079	5.13
11)	T	C036	Acrolein	0.040	0.025	0.028	0.027	0.027	-----	
								LO M=	0.027	R^2=1.000
12)	T	C038	Acrylonitrile	0.159	0.157	0.171	0.163	0.150	0.160	4.95
13)	T	C035	Acetone	0.134	0.115	0.124	0.119	0.112	0.121	7.16
14)	T	C300	Acetonitrile	0.049	0.049	0.053	0.050	0.047	0.050	4.48
15)	T	C276	Iodomethane	0.435	0.447	0.464	0.464	0.422	0.446	4.12
16)	T	C291	1,1,2 Trichloro	0.318	0.325	0.335	0.332	0.301	0.322	4.19
17)	T	C962	T-butyl Methyl	1.176	1.242	1.317	1.275	1.192	1.241	4.69
18)	T	C057	trans-1,2-Dichl	0.380	0.414	0.419	0.412	0.375	0.400	5.19
19)	T	C255	Methyl Acetate	0.355	0.334	0.363	0.377	0.329	0.352	5.66
20)	T	C050	1,1-Dichloroeth	0.672	0.706	0.704	0.683	0.615	0.676	5.49
21)	T	C125	Vinyl Acetate	0.751	0.781	0.836	0.770	0.690	0.766	6.88
22)	T	C051	2,2-Dichloropro	0.522	0.561	0.561	0.523	0.481	0.530	6.25
23)	T	C056	cis-1,2-Dichlor	0.418	0.455	0.457	0.441	0.404	0.435	5.39
24)	T	C272	Tetrahydrofuran	0.130	0.129	0.141	0.134	0.123	0.131	4.91
25)	T	C222	Bromochlorometh	0.206	0.216	0.216	0.215	0.198	0.211	3.82
26)	T	C060	Chloroform	0.647	0.688	0.701	0.682	0.628	0.669	4.53
27)	T	C115	1,1,1-Trichloro	0.527	0.598	0.611	0.599	0.556	0.578	6.10
28)	T	C120	Carbon tetrachl	0.416	0.492	0.513	0.506	0.481	0.481	8.05
29)	T	C116	1,1-Dichloropro	0.515	0.574	0.567	0.560	0.515	0.546	5.26
30)	S	CS15	1,2-Dichloroeth	0.429	0.459	0.444	0.422	0.397	0.430	5.49
31)	T	C165	Benzene	1.617	1.744	1.750	1.715	1.562	1.678	4.99
32)	T	C065	1,2-Dichloroeth	0.533	0.545	0.545	0.539	0.502	0.533	3.37
33)	T	C110	2-Butanone	0.185	0.191	0.208	0.197	0.184	0.193	5.27
34)	T	C256	Cyclohexane	0.614	0.623	0.658	0.665	0.595	0.631	4.75
35)	T	C150	Trichloroethene	0.380	0.420	0.424	0.417	0.389	0.406	4.91
36)	T	C140	1,2-Dichloropro	0.391	0.417	0.415	0.413	0.386	0.404	3.65
37)	T	C278	Dibromomethane	0.217	0.247	0.246	0.245	0.231	0.237	5.57
38)	T	C130	Bromodichlorome	0.475	0.525	0.540	0.535	0.504	0.516	5.15
39)	T	C161	2-Chloroethylvi	0.255	0.281	0.303	0.287	0.257	0.277	7.36
40)	T	C012	Methylcycolhexa	0.675	0.720	0.750	0.760	0.700	0.721	4.90
41)	T	C145	cis-1,3-Dichlor	0.603	0.681	0.686	0.678	0.644	0.658	5.32
42)	I	CI20	Chlorobenzene-D	----------ISTD----------						
43)	S	CS05	Toluene-D8	1.564	1.738	1.805	1.664	1.559	1.666	6.47
44)	T	C230	Toluene	1.216	1.250	1.244	1.215	1.137	1.212	3.71
45)	T	C170	trans-1,3-Dichl	0.594	0.703	0.714	0.697	0.662	0.674	7.29
46)	T	C284	Ethyl Methacryl	0.541	0.648	0.708	0.689	0.650	0.647	10.00
47)	T	C160	1,1,2-Trichloro	0.325	0.368	0.357	0.349	0.335	0.347	4.90
48)	T	C210	4-Methyl-2-pent	0.419	0.448	0.490	0.457	0.420	0.447	6.54
49)	T	C220	Tetrachloroethe	0.463	0.499	0.503	0.492	0.459	0.483	4.31
50)	T	C221	1,3-Dichloropro	0.695	0.757	0.748	0.721	0.669	0.718	5.07
51)	T	C155	Chlorodibromome	0.380	0.446	0.456	0.465	0.451	0.440	7.70
52)	T	C163	1,2-Dibromoetha	0.394	0.449	0.456	0.454	0.432	0.437	5.91
53)	T	C215	2-Hexanone	0.312	0.320	0.353	0.332	0.305	0.324	5.78
54)	T	C235	Chlorobenzene	1.220	1.283	1.288	1.257	1.173	1.244	3.85
55)	T	C281	1,1,1,2-Tetrach	0.388	0.429	0.431	0.423	0.395	0.413	4.84

Method Path : C:\MSDCHEM\1\METHODS\8260\
Method File : R10G020.M
Title : 8260 5ML WATER
Last Update : Tue Jul 06 14:11:32 2010
Response Via : Initial Calibration

56)	T	C240	Ethylbenzene	2.156	2.305	2.296	2.229	2.016	2.200	5.43
57)	T	C246	m,p-Xylene	0.897	0.949	0.949	0.916	0.821	0.906	5.79
58)	T	C247	o-Xylene	0.873	0.924	0.914	0.895	0.820	0.885	4.67
59)	T	C245	Styrene	1.375	1.552	1.549	1.510	1.387	1.475	5.90
60)	S	CS10	p-Bromofluorobe	0.516	0.521	0.539	0.513	0.483	0.514	3.93
61)	I	CI30	1,4-Dichloroben	----------ISTD----------						
62)	T	C180	Bromoform	0.382	0.505	0.534	0.541	0.533	0.499	13.36
63)	T	C966	Isopropylbenzen	3.791	4.153	4.168	3.994	3.698	3.961	5.34
64)	T	C301	Bromobenzene	0.942	0.994	0.974	0.926	0.831	0.933	6.77
65)	T	C225	1,1,2,2-Tetrach	0.981	1.054	1.054	1.018	0.968	1.015	3.97
66)	T	C282	1,2,3-Trichloro	0.309	0.310	0.305	0.290	0.262	0.295	6.84
67)	T	C283	t-1,4-Dichloro-	0.251	0.286	0.318	0.293	0.263	0.282	9.24
68)	T	C302	n-Propylbenzene	4.613	5.035	5.006	4.752	4.274	4.736	6.61
69)	T	C303	2-Chlorotoluene	0.924	0.937	0.923	0.902	0.841	0.905	4.21
70)	T	C289	4-Chlorotoluene	0.912	0.946	0.965	0.940	0.869	0.926	4.04
71)	T	C304	1,3,5-Trimethyl	3.110	3.495	3.521	3.386	3.125	3.327	5.96
72)	T	C306	tert-Butylbenze	0.694	0.753	0.750	0.728	0.680	0.721	4.54
73)	T	C307	1,2,4-Trimethyl	3.297	3.556	3.595	3.446	3.198	3.418	4.94
74)	T	C308	sec-Butylbenzen	4.058	4.504	4.552	4.408	4.066	4.317	5.54
75)	T	C260	1,3-Dichloroben	1.883	1.951	1.938	1.867	1.745	1.877	4.36
76)	T	C309	4-Isopropyltolu	3.224	3.704	3.710	3.590	3.292	3.504	6.58
77)	T	C267	1,4-Dichloroben	1.909	2.000	2.004	1.912	1.788	1.923	4.58
78)	T	C249	1,2-Dichloroben	1.861	1.888	1.869	1.828	1.704	1.830	4.02
79)	T	C310	n-Butylbenzene	3.059	3.434	3.467	3.346	3.071	3.275	6.02
80)	T	C286	1,2-Dibromo-3-C	0.177	0.192	0.199	0.201	0.195	0.193	4.93
81)	T	C313	1,2,4-Trichloro	1.253	1.269	1.317	1.294	1.191	1.265	3.77
82)	T	C316	Hexachlorobutad	0.549	0.601	0.615	0.590	0.556	0.582	4.92
83)	T	C314	Naphthalene	3.613	3.787	3.903	3.796	3.541	3.728	3.96
84)	T	C934	1,2,3-Trichloro	1.271	1.238	1.278	1.221	1.165	1.235	3.66

Total Average %RSD 5.63

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R10G020.M Tue Jul 06 14:12:41 2010

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5798.D
Acq On : 6 Jul 2010 13:49
Operator : TRB
Sample : T002973-CAL1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 14:08:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	939161	25.00	ug/L		0.00 106.60%
42) CI20	Chlorobenzene-D5	6.86	117	854080	25.00	ug/L		0.00 106.09%
61) CI30	1,4-Dichlorobenzene-	8.71	152	495382	25.00	ug/L		0.00 106.40%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.51	65	16101	1.00	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	4.00%#		
43) CS05	Toluene-D8	5.77	98	53437	0.94	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	3.76%#		
60) CS10	p-Bromofluorobenzene	7.77	174	17629	1.00	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	4.00%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	14066	0.94	ug/L		93
3) C010	Chloromethane	1.80	50	12755	1.12	ug/L		94
4) C020	Vinyl chloride	1.92	62	10780	0.92	ug/L		99
5) C015	Bromomethane	2.17	94	7835	1.01	ug/L		90
6) C025	Chloroethane	2.26	64	9860	1.04	ug/L		93
7) C275	Trichlorofluorometha	2.47	101	18510m	0.91	ug/L		100
8) C045	1,1-Dichloroethene	2.82	96	12943	0.96	ug/L		89
9) C030	Methylene chloride	3.16	84	20654	1.22	ug/L	#	84
10) C040	Carbon disulfide	3.00	76	38527	0.95	ug/L		99
11) C036	Acrolein	2.77	56	30351	27.27	ug/L		97
12) C038	Acrylonitrile	3.31	53	29856	4.97	ug/L		96
13) C035	Acetone	2.86	43	25183	5.54	ug/L		98
14) C300	Acetonitrile	3.06	41	73696	39.41	ug/L		98
15) C276	Iodomethane	2.95	142	16347	0.98	ug/L		92
16) C291	1,1,2 Trichloro-1,2,	2.82	101	11945	0.99	ug/L		95
17) C962	T-butyl Methyl Ether	3.30	73	44176	0.95	ug/L		94
18) C057	trans-1,2-Dichloroet	3.32	96	14279	0.95	ug/L		89
19) C255	Methyl Acetate	3.06	43	13318	1.01	ug/L		96
20) C050	1,1-Dichloroethane	3.60	63	25234	0.99	ug/L		86
21) C125	Vinyl Acetate	3.60	43	141136	4.91	ug/L		99
22) C051	2,2-Dichloropropane	3.97	77	19618	0.99	ug/L	#	45
23) C056	cis-1,2-Dichloroethe	3.98	96	15696	0.96	ug/L		87
24) C272	Tetrahydrofuran	4.16	42	24335	4.94	ug/L		96
25) C222	Bromochloromethane	4.14	128	7741	0.98	ug/L		96
26) C060	Chloroform	4.17	83	24289	0.97	ug/L		91
27) C115	1,1,1-Trichloroethan	4.30	97	19810	0.91	ug/L		89
28) C120	Carbon tetrachloride	4.40	117	15623	0.86	ug/L		98
29) C116	1,1-Dichloropropene	4.39	75	19365	0.94	ug/L		95
31) C165	Benzene	4.53	78	60738	0.96	ug/L		98
32) C065	1,2-Dichloroethane	4.55	62	20026	1.00	ug/L		94
33) C110	2-Butanone	3.97	43	34717	4.79	ug/L		94
34) C256	Cyclohexane	4.31	56	23050	0.97	ug/L	#	84
35) C150	Trichloroethene	4.95	95	14282	0.94	ug/L		89
36) C140	1,2-Dichloropropane	5.11	63	14671	0.97	ug/L		96
37) C278	Dibromomethane	5.21	93	8136	0.91	ug/L		82
38) C130	Bromodichloromethane	5.30	83	17854	0.92	ug/L		99
39) C161	2-Chloroethylvinyl E	5.45	63	47975	4.61	ug/L	#	86
40) C012	Methylcycolhexane	5.06	83	25340	0.94	ug/L	#	83

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5798.D
Acq On : 6 Jul 2010 13:49
Operator : TRB
Sample : T002973-CAL1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 14:08:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

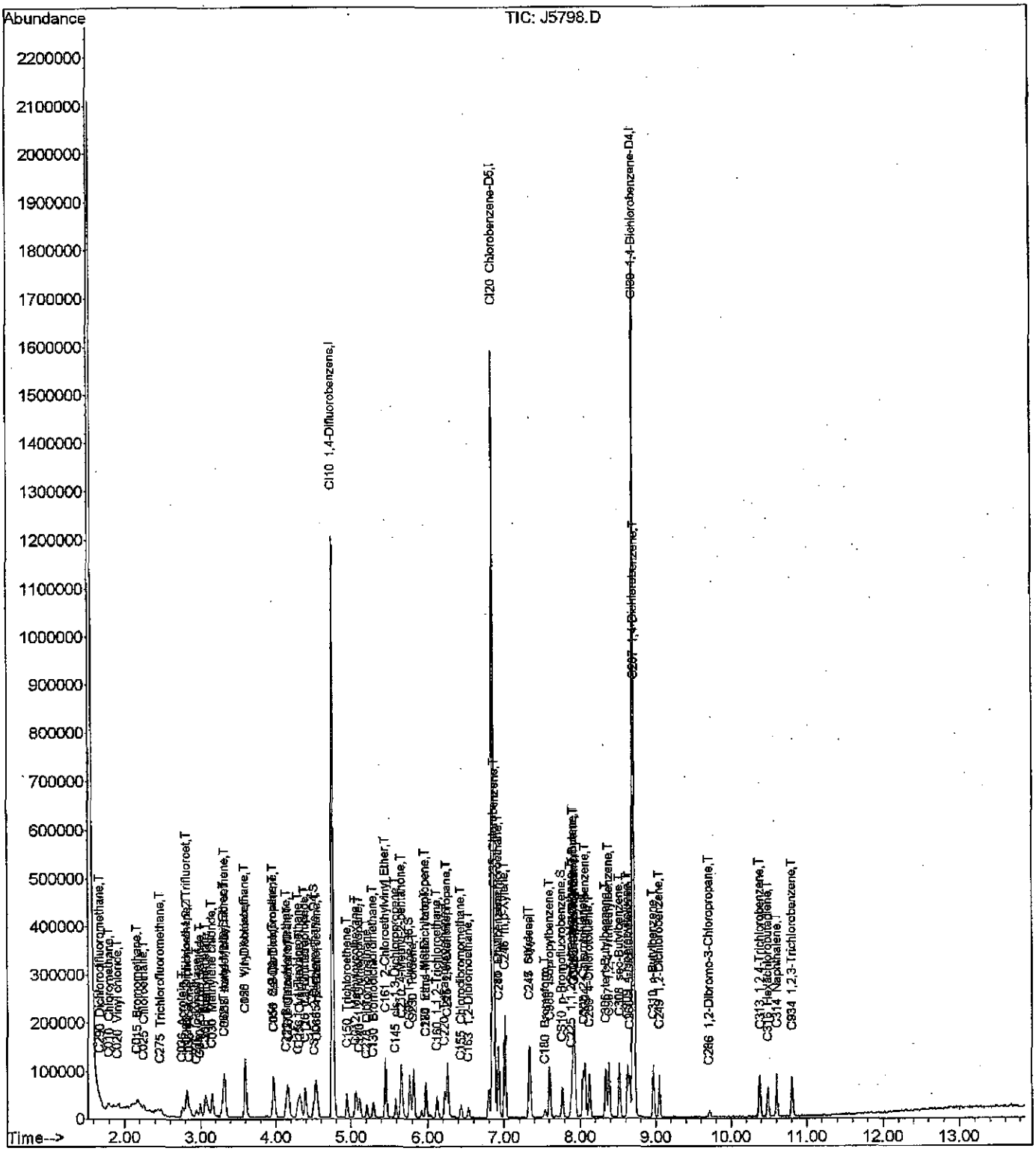
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	22648	0.92	ug/L		92
44)	C230	Toluene	5.82	92	41536	1.00	ug/L		97
45)	C170	trans-1,3-Dichloropr	5.98	75	20277	0.88	ug/L		85
46)	C284	Ethyl Methacrylate	5.98	69	18478	0.84	ug/L	#	84
47)	C160	1,1,2-Trichloroethan	6.13	83	11099	0.94	ug/L		89
48)	C210	4-Methyl-2-pentanone	5.67	43	71611	4.69	ug/L	#	83
49)	C220	Tetrachloroethene	6.22	166	15805	0.96	ug/L		94
50)	C221	1,3-Dichloropropane	6.25	76	23742	0.97	ug/L		98
51)	C155	Chlorodibromomethane	6.44	129	12996	0.87	ug/L		85
52)	C163	1,2-Dibromoethane	6.54	107	13461	0.90	ug/L		99
53)	C215	2-Hexanone	6.26	43	53218	4.80	ug/L	#	84
54)	C235	Chlorobenzene	6.88	112	41682	0.98	ug/L		98
55)	C281	1,1,1,2-Tetrachloroe	6.93	131	13252	0.94	ug/L		86
56)	C240	Ethylbenzene	6.93	91	73652	0.98	ug/L		99
57)	C246	m,p-Xylene	7.02	106	61272	1.98	ug/L		100
58)	C247	o-Xylene	7.33	106	29834	0.99	ug/L		97
59)	C245	Styrene	7.34	104	46991	0.93	ug/L		90
62)	C180	Bromoform	7.55	173	7578	0.77	ug/L		80
63)	C966	Isopropylbenzene	7.61	105	75126	0.96	ug/L		96
64)	C301	Bromobenzene	7.91	156	18660	1.01	ug/L	#	66
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	19442	0.97	ug/L		100
66)	C282	1,2,3-Trichloropropa	7.92	110	6129	1.05	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.91	53	24891	4.45	ug/L	#	77
68)	C302	n-Propylbenzene	7.94	91	91403	0.97	ug/L		100
69)	C303	2-Chlorotoluene	8.05	126	18316	1.02	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	18075	0.98	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	61622	0.93	ug/L		98
72)	C306	tert-Butylbenzene	8.34	134	13758	0.96	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	65334	0.96	ug/L		96
74)	C308	sec-Butylbenzene	8.52	105	80412	0.94	ug/L		94
75)	C260	1,3-Dichlorobenzene	8.66	146	37317	1.00	ug/L		94
76)	C309	4-Isopropyltoluene	8.62	119	63891	0.92	ug/L		90
77)	C267	1,4-Dichlorobenzene	8.73	146	37828	0.99	ug/L		89
78)	C249	1,2-Dichlorobenzene	9.05	146	36877	1.02	ug/L		93
79)	C310	n-Butylbenzene	8.97	91	60610	0.93	ug/L		100
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	3512	0.92	ug/L	#	60
81)	C313	1,2,4-Trichlorobenze	10.39	180	24830	0.99	ug/L		95
82)	C316	Hexachlorobutadiene	10.49	225	10883	0.94	ug/L		95
83)	C314	Naphthalene	10.61	128	71584	0.97	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	25176	1.03	ug/L		90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5798.D
Acq On : 6 Jul 2010 13:49
Operator : TRB
Sample : T002973-CAL1
Misc :
ALS Vial : 7 Sample Multiplier: 1

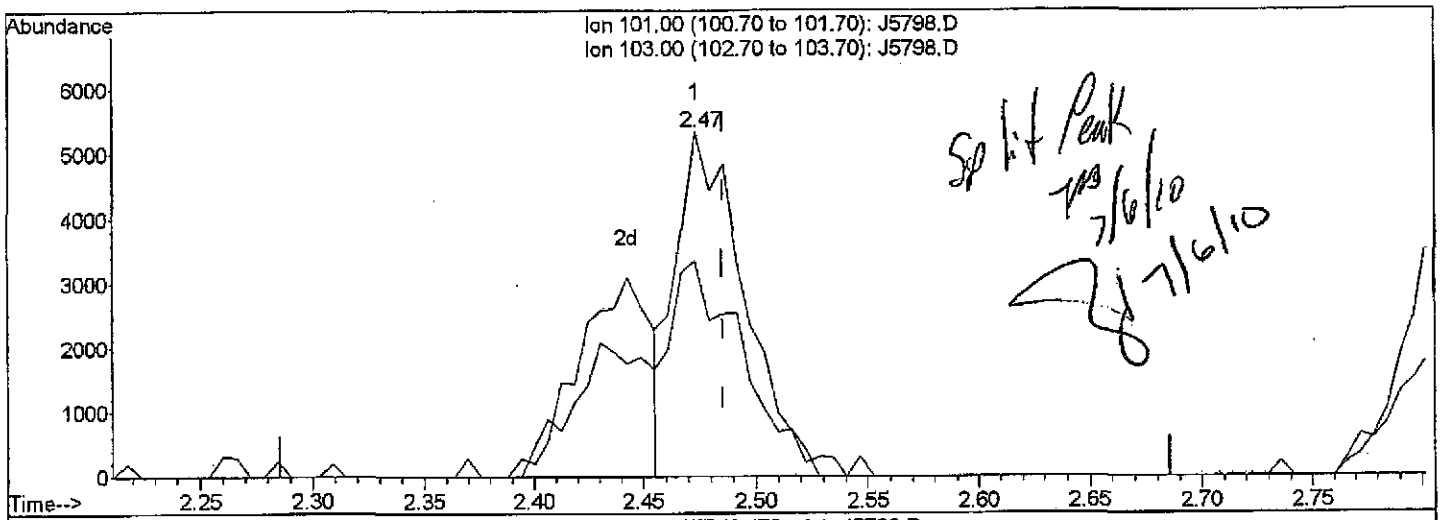
Quant Time: Jul 06 14:08:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

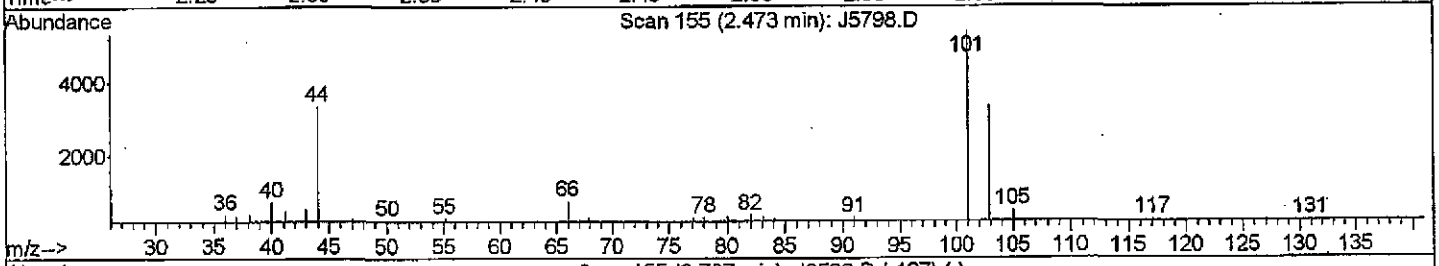


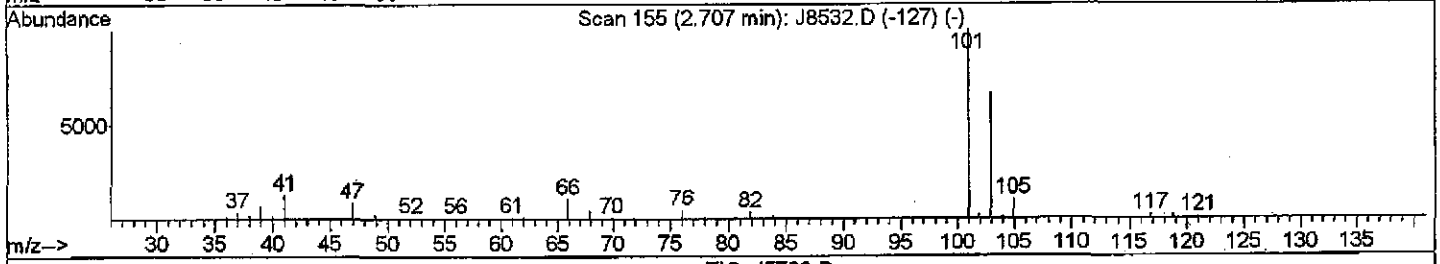
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5798.D
Acq On : 6 Jul 2010 13:49
Operator : TRB
Sample : T002973-CAL1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 14:06:16 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration







TIC: J5798.D

(7) C275 Trichlorofluoromethane (T)

2.47min (-0.012) 0.56ug/L

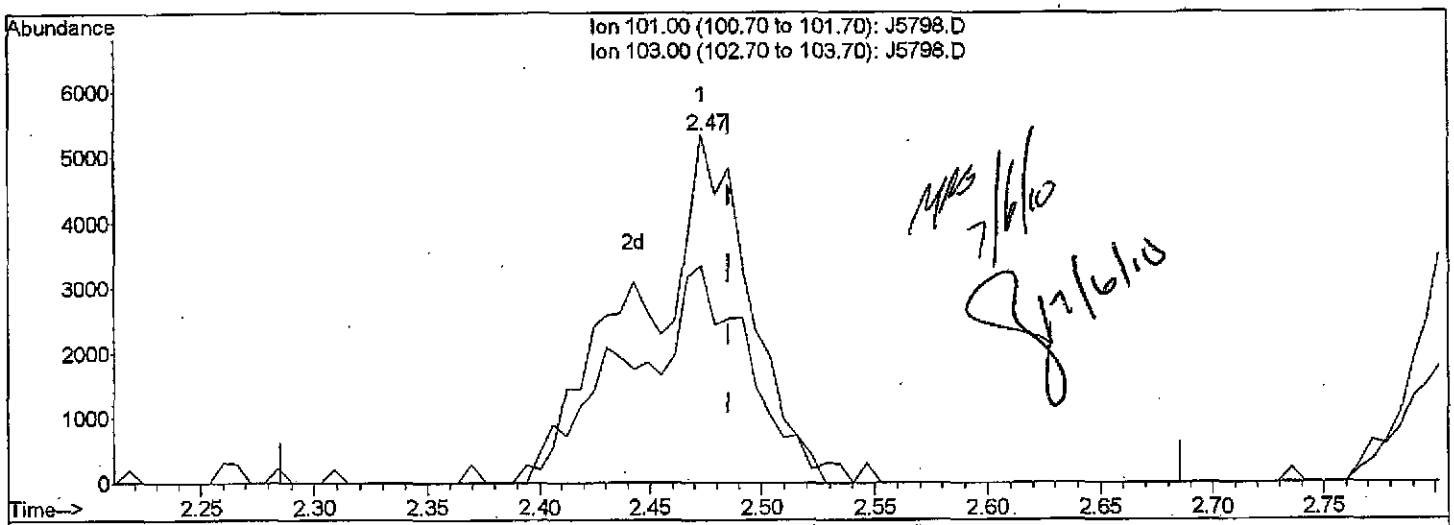
response 11366

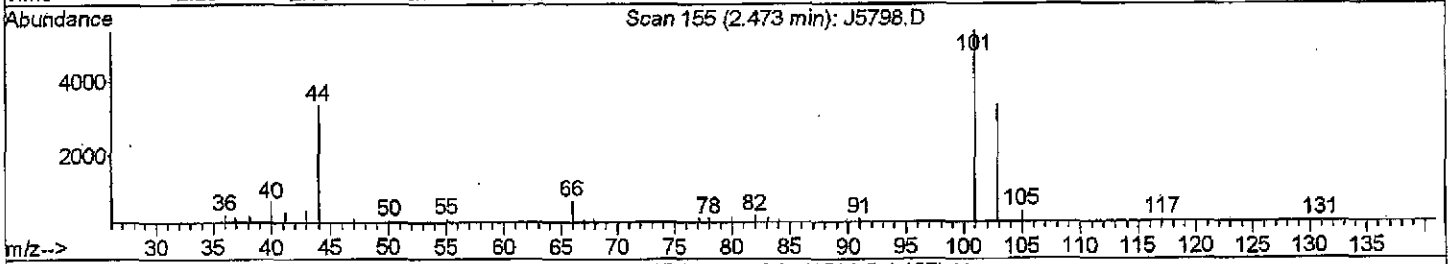
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.69
0.00	0.00	0.00
0.00	0.00	0.00

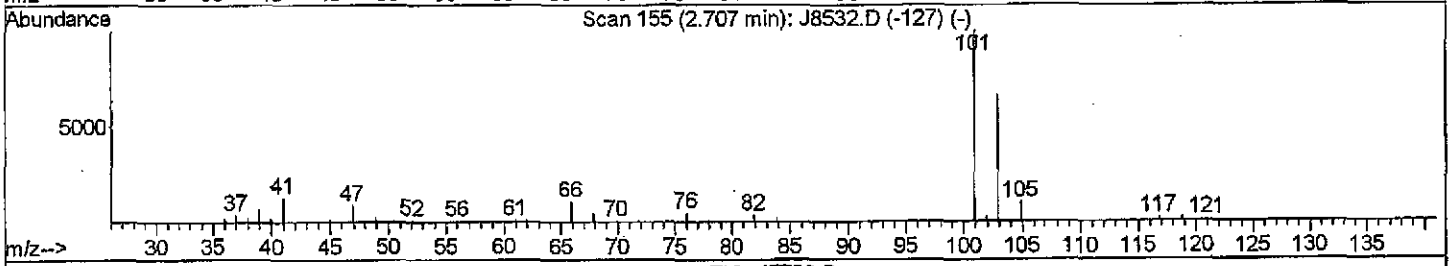
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5798.D
Acq On : 6 Jul 2010 13:49
Operator : TRB
Sample : T002973-CAL1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 14:06:16 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration







TIC: J5798.D

(7) C275 Trichlorofluoromethane (T)

2.47min (-0.012) 0.91ug/L m

response 18510

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5793.D
Acq On : 6 Jul 2010 11:55
Operator : TRB
Sample : T002973-CAL2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 14:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	919800	25.00	ug/L	0.00 104.40%
42) CI20	Chlorobenzene-D5	6.86	117	831866	25.00	ug/L	0.00 103.33%
61) CI30	1,4-Dichlorobenzene-	8.71	152	482289	25.00	ug/L	0.00 103.59%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	169047	10.68	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =		42.72%#
43) CS05	Toluene-D8	5.77	98	578378	10.43	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =		41.72%#
60) CS10	p-Bromofluorobenzene	7.76	174	173238	10.13	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =		40.52%#
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.67	85	157067	10.68	ug/L	91
3) C010	Chloromethane	1.80	50	112043	10.04	ug/L	99
4) C020	Vinyl chloride	1.92	62	119967	10.41	ug/L	97
5) C015	Bromomethane	2.18	94	64532	8.46	ug/L	96
6) C025	Chloroethane	2.25	64	95547	10.33	ug/L	90
7) C275	Trichlorofluorometha	2.48	101	203693m	10.23	ug/L	99
8) C045	1,1-Dichloroethene	2.81	96	137702	10.41	ug/L #	81
9) C030	Methylene chloride	3.16	84	161248	9.73	ug/L	89
10) C040	Carbon disulfide	3.00	76	396091	9.97	ug/L	99
11) C036	Acrolein	2.75	56	184534	169.31	ug/L	98
12) C038	Acrylonitrile	3.31	53	287935	48.90	ug/L	100
13) C035	Acetone	2.86	43	211938	47.64	ug/L	98
14) C300	Acetonitrile	3.06	41	716191	391.01	ug/L	98
15) C276	Iodomethane	2.95	142	164363	10.01	ug/L	92
16) C291	1,1,2 Trichloro-1,2,	2.82	101	119693	10.09	ug/L	93
17) C962	T-butyl Methyl Ether	3.30	73	457071	10.01	ug/L	97
18) C057	trans-1,2-Dichloroet	3.32	96	152461	10.36	ug/L	97
19) C255	Methyl Acetate	3.05	43	123017	9.51	ug/L	97
20) C050	1,1-Dichloroethane	3.60	63	259591	10.44	ug/L	96
21) C125	Vinyl Acetate	3.59	43	1437476	51.02	ug/L	98
22) C051	2,2-Dichloropropane	3.97	77	206396	10.59	ug/L #	39
23) C056	cis-1,2-Dichloroethe	3.97	96	167337	10.46	ug/L	96
24) C272	Tetrahydrofuran	4.16	42	236644	49.05	ug/L	97
25) C222	Bromochloromethane	4.14	128	79612	10.28	ug/L	96
26) C060	Chloroform	4.17	83	253024	10.28	ug/L	90
27) C115	1,1,1-Trichloroethan	4.30	97	219973	10.34	ug/L	93
28) C120	Carbon tetrachloride	4.40	117	180883	10.21	ug/L	95
29) C116	1,1-Dichloropropene	4.39	75	211279	10.51	ug/L	97
31) C165	Benzene	4.53	78	641788	10.40	ug/L	98
32) C065	1,2-Dichloroethane	4.56	62	200541	10.23	ug/L	96
33) C110	2-Butanone	3.96	43	351738	49.51	ug/L	95
34) C256	Cyclohexane	4.32	56	229089	9.87	ug/L #	80
35) C150	Trichloroethene	4.95	95	154388	10.34	ug/L	94
36) C140	1,2-Dichloropropane	5.11	63	153496	10.32	ug/L	100
37) C278	Dibromomethane	5.21	93	90897	10.42	ug/L	98
38) C130	Bromodichloromethane	5.30	83	193074	10.17	ug/L	97
39) C161	2-Chloroethylvinyl E	5.45	63	517326	50.79	ug/L #	87
40) C012	Methylcycolhexane	5.06	83	265076	9.99	ug/L #	84

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5793.D
Acq On : 6 Jul 2010 11:55
Operator : TRB
Sample : T002973-CAL2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 14:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

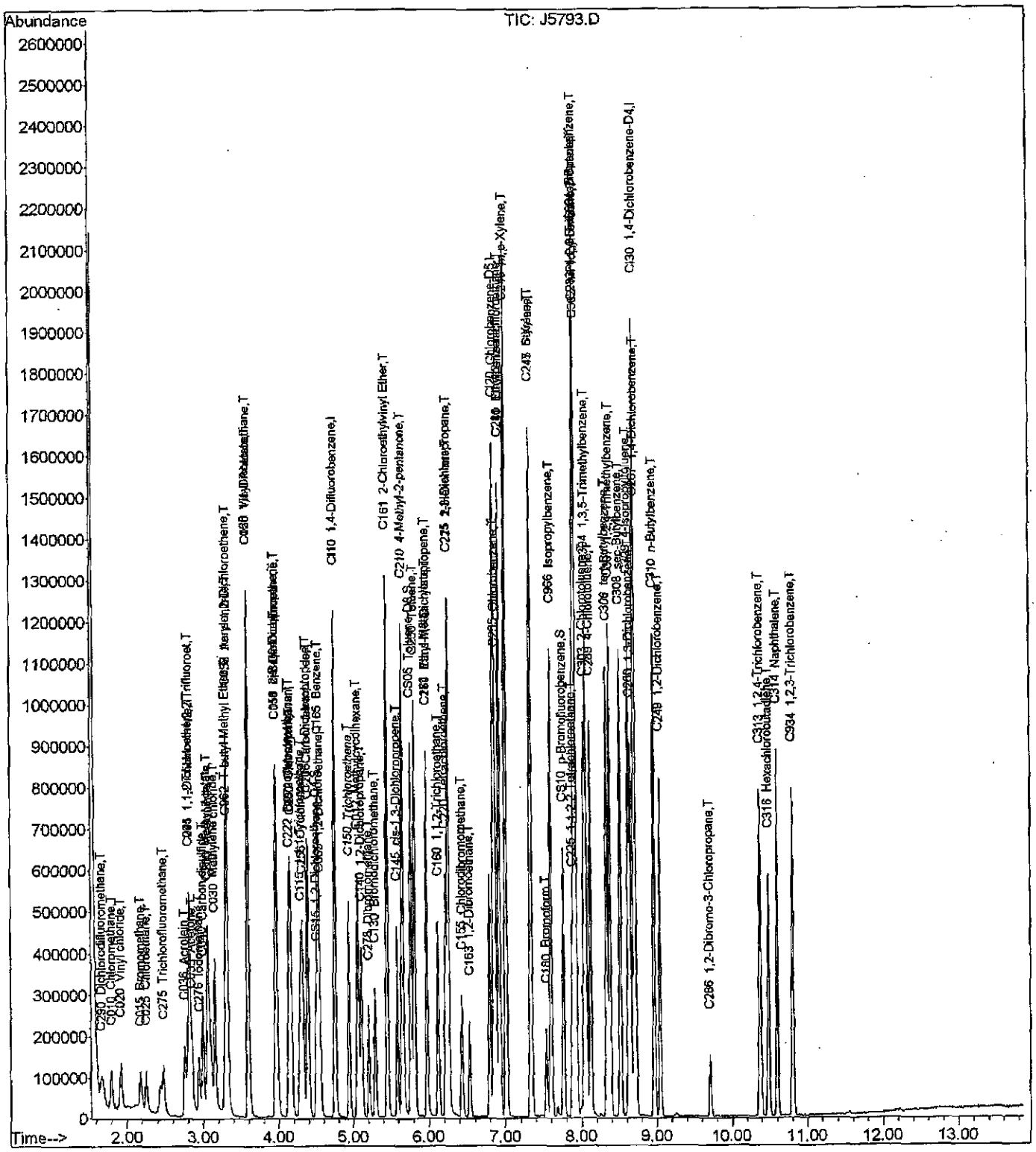
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	250438	10.34	ug/L		92
44)	C230	Toluene	5.82	92	416047	10.31	ug/L		99
45)	C170	trans-1,3-Dichloropr	5.98	75	234069	10.43	ug/L		91
46)	C284	Ethyl Methacrylate	5.98	69	215715	10.02	ug/L	#	74
47)	C160	1,1,2-Trichloroethan	6.13	83	122293	10.61	ug/L		95
48)	C210	4-Methyl-2-pentanone	5.66	43	745180	50.13	ug/L	#	84
49)	C220	Tetrachloroethene	6.22	166	165989	10.33	ug/L		97
50)	C221	1,3-Dichloropropane	6.25	76	251736	10.54	ug/L		98
51)	C155	Chlorodibromomethane	6.44	129	148260	10.14	ug/L		99
52)	C163	1,2-Dibromoethane	6.53	107	149332	10.27	ug/L		96
53)	C215	2-Hexanone	6.26	43	532986	49.38	ug/L	#	81
54)	C235	Chlorobenzene	6.88	112	426847	10.31	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	142682	10.38	ug/L		86
56)	C240	Ethylbenzene	6.92	91	766947	10.48	ug/L		99
57)	C246	m,p-Xylene	7.01	106	631347	20.94	ug/L		95
58)	C247	o-Xylene	7.33	106	307386	10.43	ug/L		93
59)	C245	Styrene	7.34	104	516304	10.52	ug/L		96
62)	C180	Bromoform	7.55	173	97506	10.12	ug/L		98
63)	C966	Isopropylbenzene	7.61	105	801145	10.48	ug/L		100
64)	C301	Bromobenzene	7.91	156	191713	10.65	ug/L	#	67
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	203369	10.39	ug/L		99
66)	C282	1,2,3-Trichloropropa	7.92	110	59762	10.49	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	275725	50.67	ug/L	#	73
68)	C302	n-Propylbenzene	7.94	91	971419	10.63	ug/L		97
69)	C303	2-Chlorotoluene	8.04	126	180703	10.35	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	182459	10.21	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.06	105	674259	10.50	ug/L		98
72)	C306	tert-Butylbenzene	8.34	134	145253	10.44	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	685991	10.40	ug/L		99
74)	C308	sec-Butylbenzene	8.52	105	868871	10.43	ug/L		97
75)	C260	1,3-Dichlorobenzene	8.66	146	376319	10.39	ug/L		98
76)	C309	4-Isopropyltoluene	8.62	119	714546	10.57	ug/L		94
77)	C267	1,4-Dichlorobenzene	8.73	146	385784	10.40	ug/L		92
78)	C249	1,2-Dichlorobenzene	9.05	146	364176	10.32	ug/L		97
79)	C310	n-Butylbenzene	8.97	91	662456	10.48	ug/L		92
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	36946	9.93	ug/L	#	78
81)	C313	1,2,4-Trichlorobenze	10.39	180	244860	10.03	ug/L		96
82)	C316	Hexachlorobutadiene	10.49	225	115951	10.32	ug/L		96
83)	C314	Naphthalene	10.60	128	730575	10.16	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	238859	10.03	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5793.D
Acq On : 6 Jul 2010 11:55
Operator : TRB
Sample : T002973-CAL2
Misc :
ALS Vial : 2 Sample Multiplier: 1

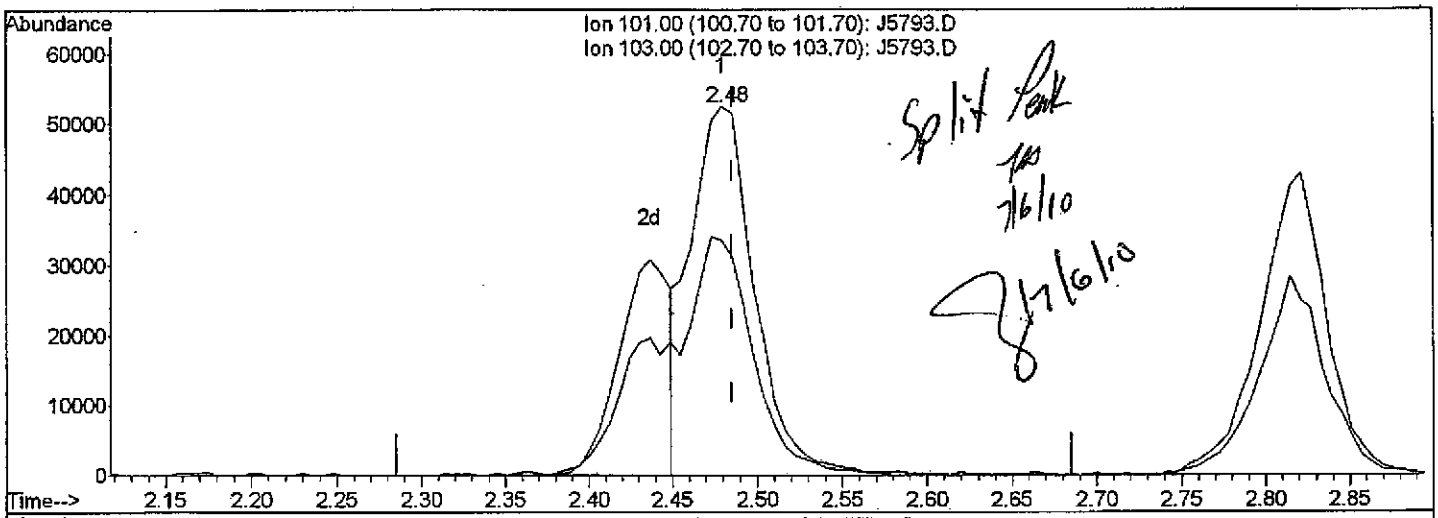
Quant Time: Jul 06 14:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

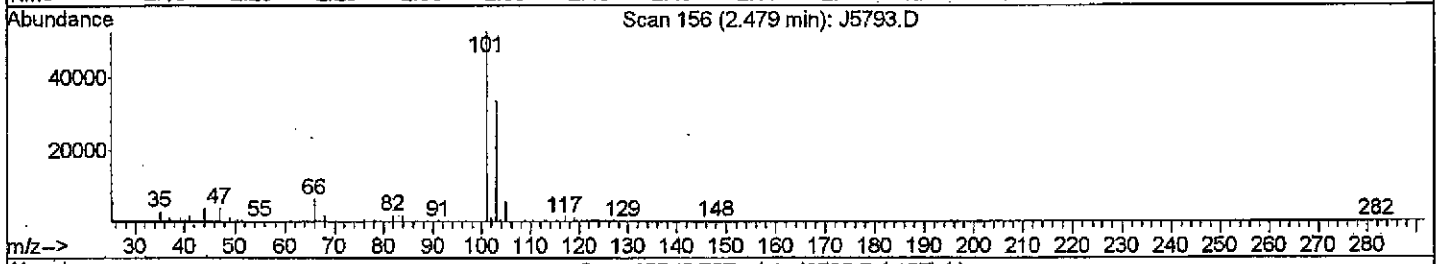


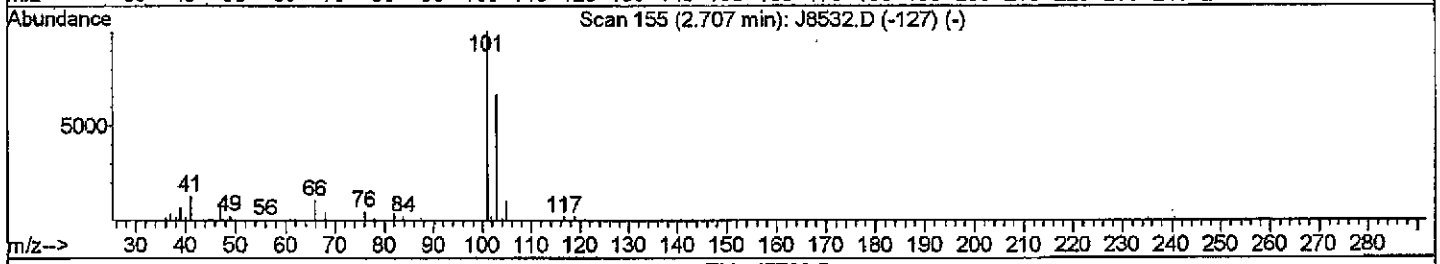
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5793.D
Acq On : 6 Jul 2010 11:55
Operator : TRB
Sample : T002973-CAL2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 14:05:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration







TIC: J5793.D

(7) C275 Trichlorofluoromethane (T)

2.48min (-0.006) 6.89ug/L

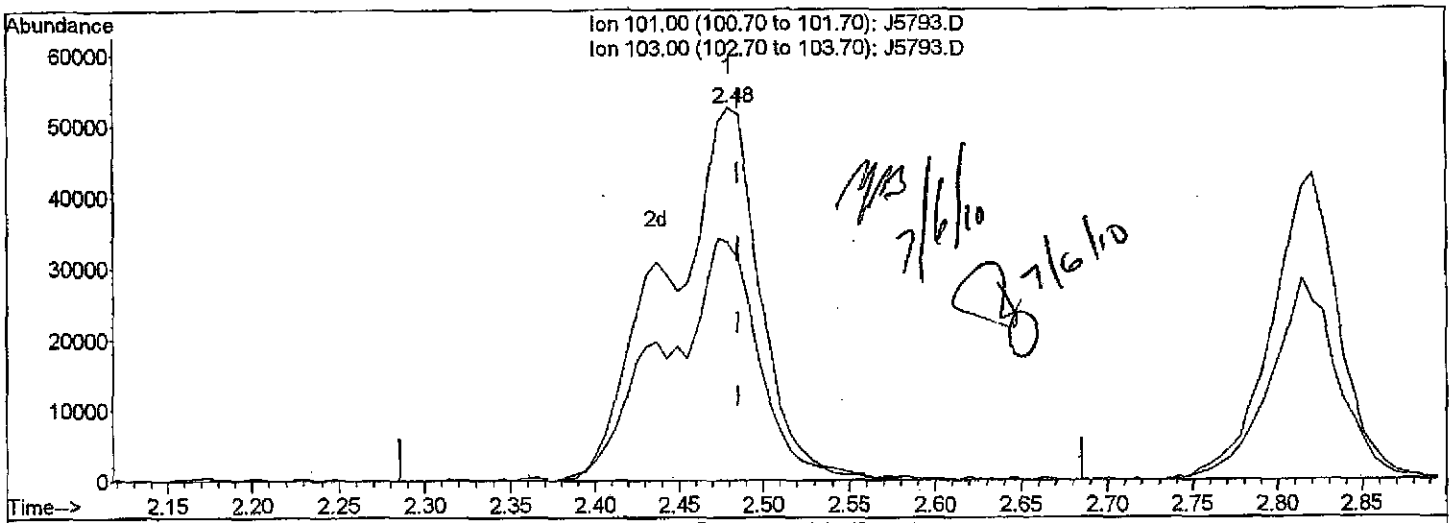
response 137132

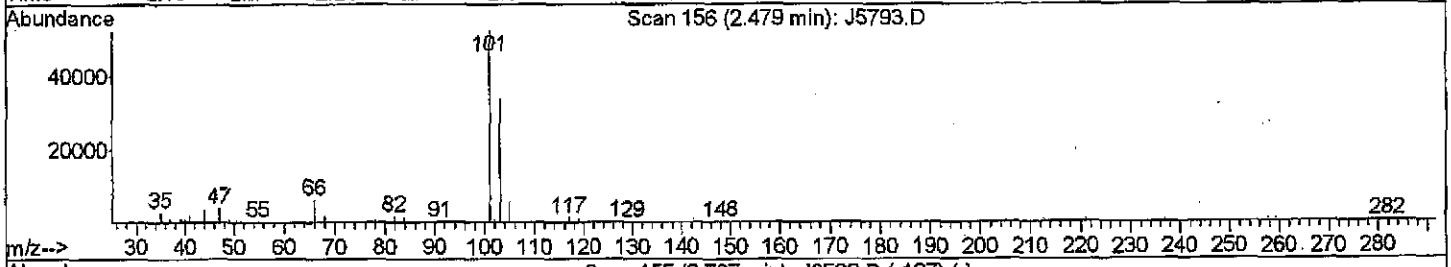
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.03
0.00	0.00	0.00
0.00	0.00	0.00

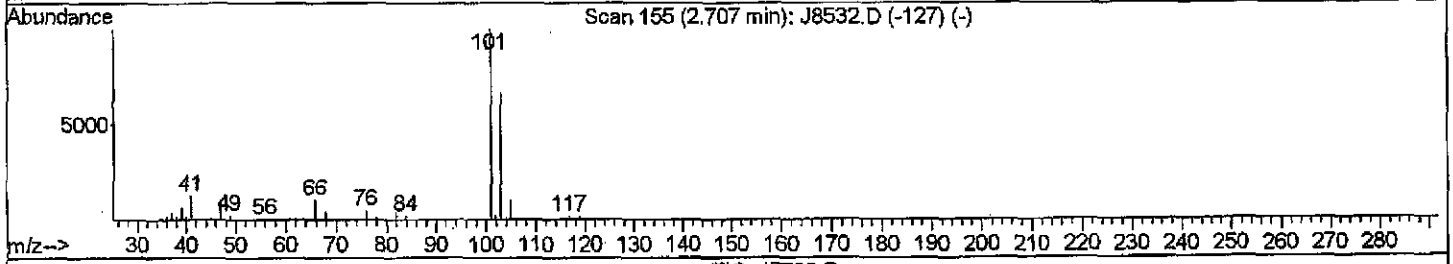
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5793.D
Acq On : 6 Jul 2010 11:55
Operator : TRB
Sample : T002973-CAL2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 14:05:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration







TIC: J5793.D

(7) C275 *Trichlorofluoromethane* (T)

2.48min (-0.006) 10.23ug/L m

response 203693

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5794.D
Acq On : 6 Jul 2010 12:17
Operator : TRB
Sample : T002973-CAL3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 14:07:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	881023	25.00	ug/L		0.00 100.00%
42) CI20	Chlorobenzene-D5	6.86	117	805042	25.00	ug/L		0.00 100.00%
61) CI30	1,4-Dichlorobenzene-	8.71	152	465580	25.00	ug/L		0.00 100.00%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.50	65	391520	25.82	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	103.28%		
43) CS05	Toluene-D8	5.77	98	1453105	27.08	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	108.32%		
60) CS10	p-Bromofluorobenzene	7.76	174	433556	26.19	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	104.76%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	361128	25.63	ug/L		100
3) C010	Chloromethane	1.81	50	268314	25.10	ug/L		97
4) C020	Vinyl chloride	1.94	62	290024	26.28	ug/L		94
5) C015	Bromomethane	2.19	94	187849	25.72	ug/L		95
6) C025	Chloroethane	2.27	64	226495	25.57	ug/L		99
7) C275	Trichlorofluorometha	2.49	101	499909m	26.21	ug/L		97
8) C045	1,1-Dichloroethene	2.82	96	329574	26.01	ug/L	#	79
9) C030	Methylene chloride	3.16	84	385679	24.30	ug/L		90
10) C040	Carbon disulfide	3.00	76	1001481	26.33	ug/L		99
11) C036	Acrolein	2.76	56	495303	474.44	ug/L		94
12) C038	Acrylonitrile	3.31	53	755470	133.95	ug/L		100
13) C035	Acetone	2.86	43	547596	128.52	ug/L		100
14) C300	Acetonitrile	3.06	41	1873667	1067.98	ug/L		97
15) C276	Iodomethane	2.95	142	408631	25.98	ug/L		93
16) C291	1,1,2 Trichloro-1,2,	2.82	101	295228	25.99	ug/L		93
17) C962	T-butyl Methyl Ether	3.30	73	1160185	26.54	ug/L		97
18) C057	trans-1,2-Dichloroet	3.32	96	369248	26.19	ug/L		96
19) C255	Methyl Acetate	3.06	43	320077	25.82	ug/L		98
20) C050	1,1-Dichloroethane	3.60	63	620259	26.05	ug/L		97
21) C125	Vinyl Acetate	3.59	43	3680592	136.39	ug/L		97
22) C051	2,2-Dichloropropane	3.97	77	493854	26.46	ug/L	#	42
23) C056	cis-1,2-Dichloroethe	3.97	96	402894	26.29	ug/L		96
24) C272	Tetrahydrofuran	4.16	42	619303	134.03	ug/L		97
25) C222	Bromochloromethane	4.14	128	190644	25.70	ug/L		95
26) C060	Chloroform	4.17	83	617508	26.19	ug/L		95
27) C115	1,1,1-Trichloroethan	4.30	97	538273	26.42	ug/L		93
28) C120	Carbon tetrachloride	4.40	117	452375	26.66	ug/L		98
29) C116	1,1-Dichloropropene	4.39	75	499400	25.94	ug/L		97
31) C165	Benzene	4.53	78	1541572	26.08	ug/L		99
32) C065	1,2-Dichloroethane	4.56	62	480109	25.57	ug/L		97
33) C110	2-Butanone	3.96	43	918164	134.92	ug/L		95
34) C256	Cyclohexane	4.32	56	579414	26.06	ug/L	#	81
35) C150	Trichloroethene	4.95	95	373158	26.09	ug/L		93
36) C140	1,2-Dichloropropane	5.11	63	365662	25.66	ug/L		98
37) C278	Dibromomethane	5.21	93	216678	25.92	ug/L		96
38) C130	Bromodichloromethane	5.30	83	476065	26.18	ug/L		94
39) C161	2-Chloroethylvinyl E	5.45	63	1335829	136.91	ug/L	#	87
40) C012	Methylcycolhexane	5.06	83	661015	26.01	ug/L	#	84

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5794.D
Acq On : 6 Jul 2010 12:17
Operator : TRB
Sample : T002973-CAL3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 14:07:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

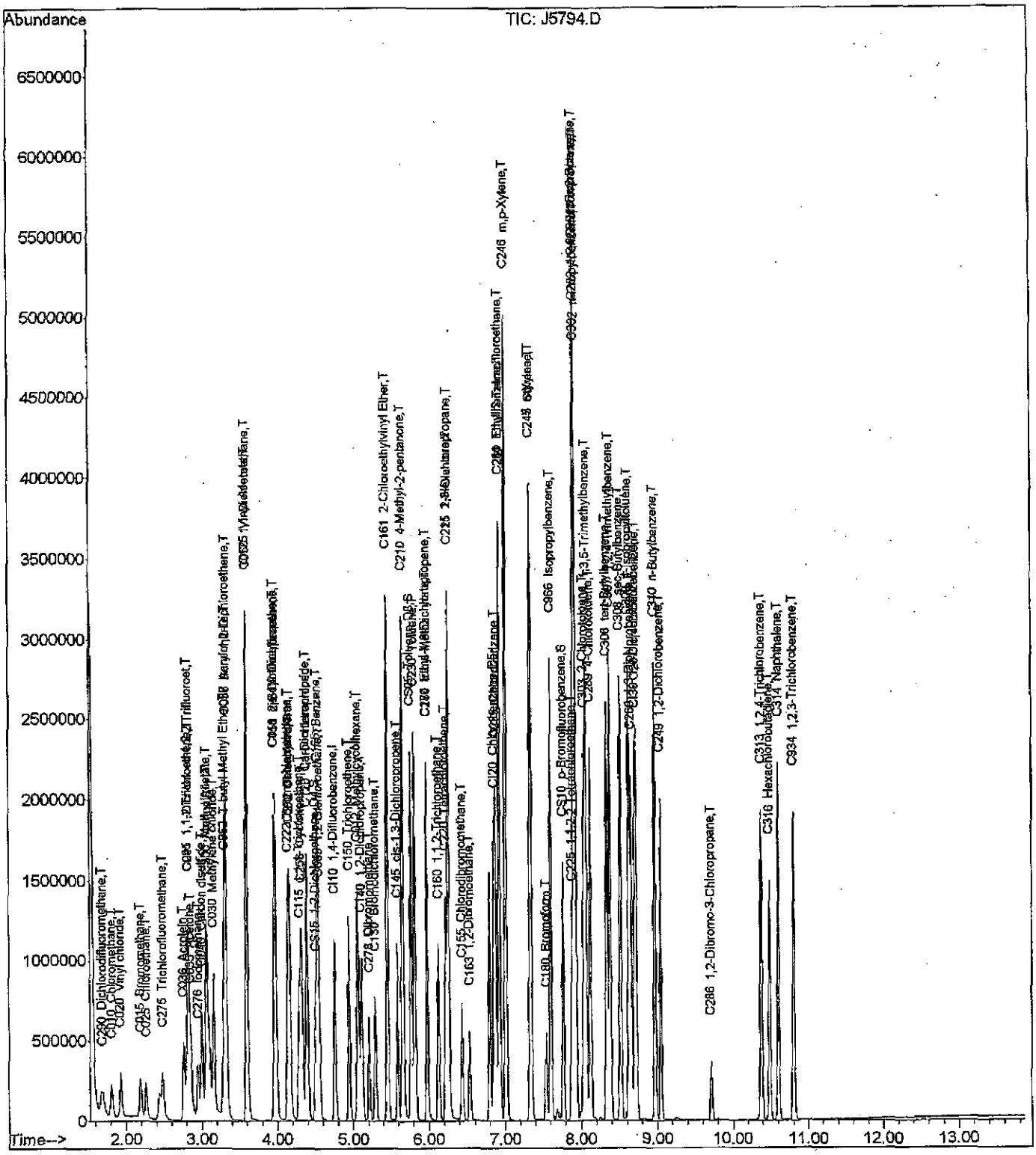
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	604142	26.04	ug/L		93
44)	C230	Toluene	5.82	92	1001175	25.65	ug/L		97
45)	C170	trans-1,3-Dichloropr	5.98	75	575120	26.49	ug/L		89
46)	C284	Ethyl Methacrylate	5.98	69	570132	27.36	ug/L	#	74
47)	C160	1,1,2-Trichloroethan	6.13	83	287268	25.74	ug/L		92
48)	C210	4-Methyl-2-pentanone	5.66	43	1971401	137.03	ug/L	#	84
49)	C220	Tetrachloroethene	6.22	166	404751	26.02	ug/L		96
50)	C221	1,3-Dichloropropane	6.25	76	602121	26.05	ug/L		100
51)	C155	Chlorodibromomethane	6.44	129	367292	25.95	ug/L		98
52)	C163	1,2-Dibromoethane	6.53	107	367048	26.09	ug/L		98
53)	C215	2-Hexanone	6.26	43	1418987	135.84	ug/L	#	83
54)	C235	Chlorobenzene	6.88	112	1037102	25.88	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	346589	26.05	ug/L	#	80
56)	C240	Ethylbenzene	6.93	91	1848167	26.08	ug/L		95
57)	C246	m,p-Xylene	7.02	106	1527427	52.34	ug/L		93
58)	C247	o-Xylene	7.33	106	736021	25.82	ug/L		94
59)	C245	Styrene	7.34	104	1247184	26.27	ug/L		95
62)	C180	Bromoform	7.55	173	248579	26.74	ug/L		93
63)	C966	Isopropylbenzene	7.61	105	1940697	26.31	ug/L		99
64)	C301	Bromobenzene	7.91	156	453432	26.09	ug/L	#	62
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	490839	25.97	ug/L		98
66)	C282	1,2,3-Trichloropropa	7.92	110	141986	25.82	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	739859	140.83	ug/L	#	75
68)	C302	n-Propylbenzene	7.94	91	2330814	26.43	ug/L		97
69)	C303	2-Chlorotoluene	8.04	126	429515	25.48	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	449308	26.05	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	1639211	26.45	ug/L		99
72)	C306	tert-Butylbenzene	8.34	134	349374	26.01	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	1673751	26.29	ug/L		98
74)	C308	sec-Butylbenzene	8.51	105	2119406	26.36	ug/L		97
75)	C260	1,3-Dichlorobenzene	8.66	146	902111	25.81	ug/L		99
76)	C309	4-Isopropyltoluene	8.62	119	1727436	26.47	ug/L		94
77)	C267	1,4-Dichlorobenzene	8.73	146	932929	26.06	ug/L		94
78)	C249	1,2-Dichlorobenzene	9.05	146	870282	25.54	ug/L		99
79)	C310	n-Butylbenzene	8.97	91	1614233	26.46	ug/L		93
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	92713	25.81	ug/L	#	88
81)	C313	1,2,4-Trichlorobenze	10.39	180	612961	26.02	ug/L		99
82)	C316	Hexachlorobutadiene	10.49	225	286524	26.41	ug/L		100
83)	C314	Naphthalene	10.61	128	1817176	26.18	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	594876	25.87	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5794.D
Acq On : 6 Jul 2010 12:17
Operator : TRB
Sample : T002973-CAL3
Misc :
ALS Vial : 3 Sample Multiplier: 1

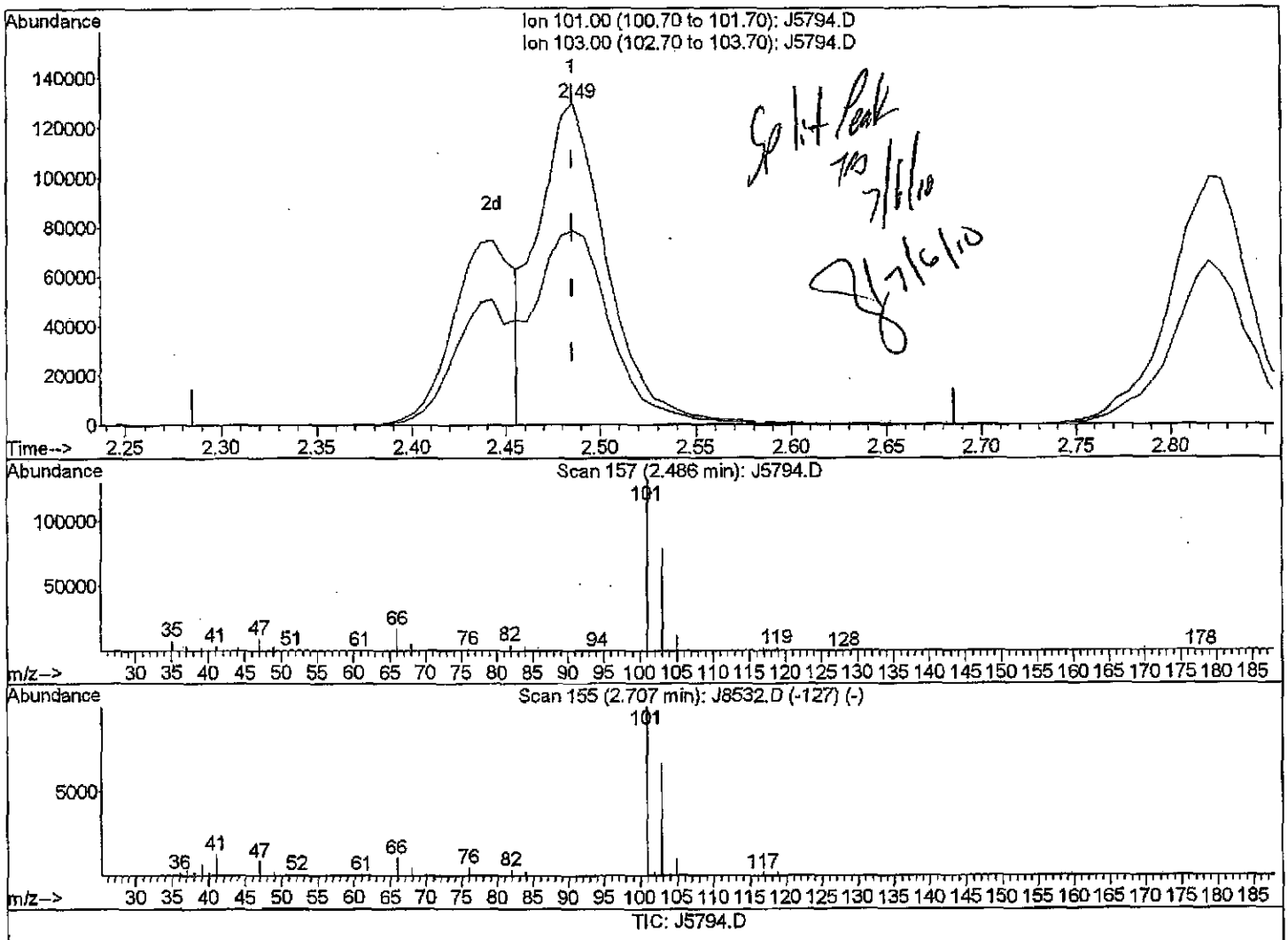
Quant Time: Jul 06 14:07:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration


Abundance
TIC: J5794.D
Time-->
C246 m,p-Xylene,T
C161 2-Chloroethylvinyl Ether,T
C210 4-Methyl-2-pentanone,T
C145 cis-1,3-Dichloropropene,T
C160 1,1,2-Trichloroethane,T
C155 Chlorodibromomethane,T
C163 1,2-Dibromoethane,T
C180 Bromoform,T
C10 p-Bromofluorobenzene,S
C225 1,1,2,2-Tetrachloroethane,T
C110 1,4-Difluorobenzene,I
C120 Chlorobenzene-d5,I
C150 Trichloroethene,T
C140 1,2-Dichloropropane,T
C278 Dibromofluoromethane,T
C145 Toluene-d8,S
C230 Toluene,T
C215 2,3-Dichloropropene,T
C249 1,2-Dichlorobenzene,T
C298 1,2-Dibromo-3-Chloropropane,T
C316 Hexachlorobutadiene,T
C314 Naphthalene,T
C934 1,2,3-Trichlorobenzene,T
C340 n-Butylbenzene,T
C308 tert-Butylbenzene,T
C290 Dichlorodifluoromethane,T
C010 Chloromethane,T
C020 Vinyl chloride,T
C025 Bromomethane,T
C275 Trichlorofluoromethane,T
C236 Acrolein,T
C276 Acetone,T
C030 Methylene chloride,T
C115 trans-1,2-Dichloroethene,T
C315 1,2-Dichloroethene,I
C278 Chloroform,T
C130 1,2-Dichloroethane-d4,S
C135 1,2-Dichloroethane,T
C140 1,2-Dichloropropane,T
C278 Dibromofluoromethane,T
C145 cis-1,3-Dichloropropene,T
C160 1,1,2-Trichloroethane,T
C155 Chlorodibromomethane,T
C163 1,2-Dibromoethane,T
C180 Bromoform,T
C10 p-Bromofluorobenzene,S
C225 1,1,2,2-Tetrachloroethane,T
C110 1,4-Difluorobenzene,I
C120 Chlorobenzene-d5,I
C150 Trichloroethene

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5794.D
Acq On : 6 Jul 2010 12:17
Operator : TRB
Sample : T002973-CAL3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 14:05:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



TIC: J5794.D

(7) C275 Trichlorofluoromethane (T)

2.49min (0.000) 17.27ug/L

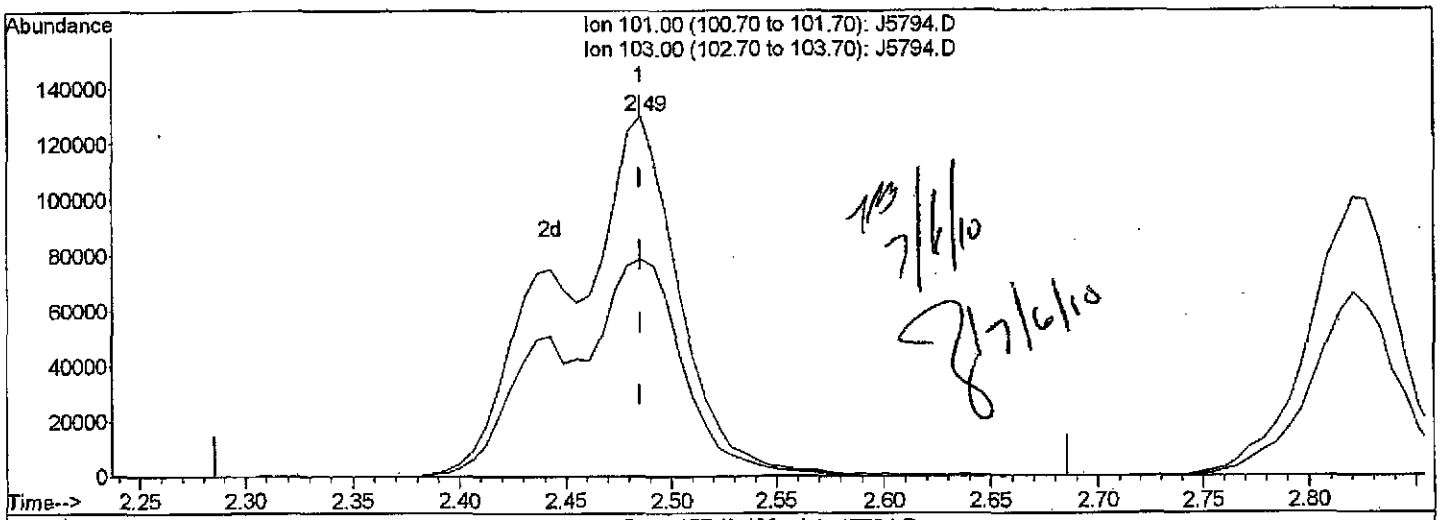
response 329429

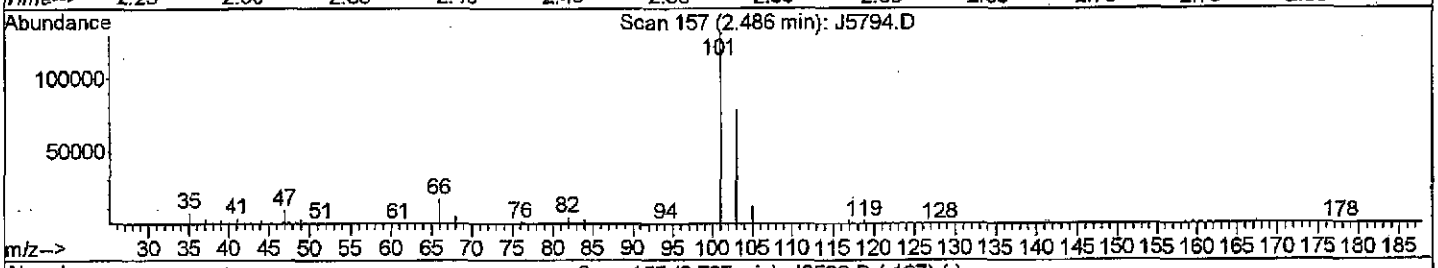
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	60.57
0.00	0.00	0.00
0.00	0.00	0.00

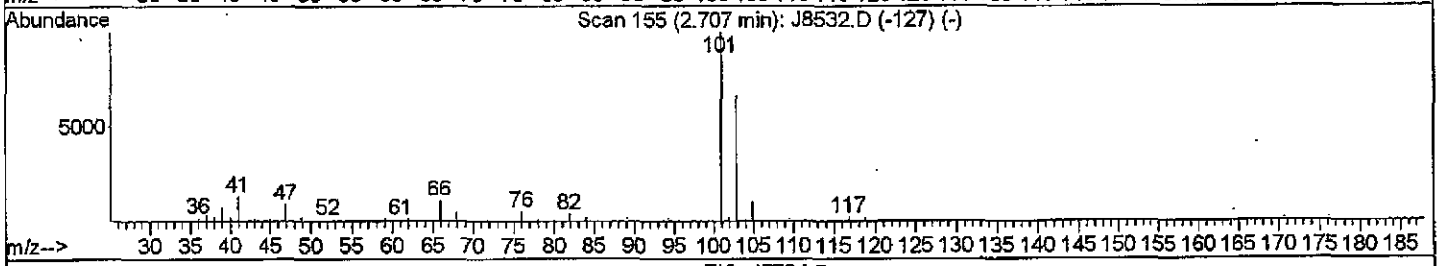
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5794.D
Acq On : 6 Jul 2010 12:17
Operator : TRB
Sample : T002973-CAL3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 14:05:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration







TIC: J5794.D

(7) C275 Trichlorofluoromethane (T)

2.49min (0.000) 26.21ug/L m

response 499909

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	60.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5795.D
Acq On : 6 Jul 2010 12:40
Operator : TRB
Sample : T002973-CAL4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 14:07:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	936481	25.00	ug/L		0.00 106.29%
42) CI20	Chlorobenzene-D5	6.86	117	856741	25.00	ug/L		0.00 106.42%
61) CI30	1,4-Dichlorobenzene-	8.71	152	503124	25.00	ug/L		0.00 108.06%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.51	65	790769	49.06	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	196.24%#		
43) CS05	Toluene-D8	5.77	98	2851762	49.95	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	199.80%#		
60) CS10	p-Bromofluorobenzene	7.76	174	878920	49.88	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	199.52%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	765988	51.15	ug/L		99
3) C010	Chloromethane	1.83	50	551362	48.53	ug/L		98
4) C020	Vinyl chloride	1.94	62	608104	51.84	ug/L		97
5) C015	Bromomethane	2.20	94	424729	54.71	ug/L		99
6) C025	Chloroethane	2.27	64	464000	49.29	ug/L		97
7) C275	Trichlorofluorometha	2.49	101	1057529m	52.16	ug/L		99
8) C045	1,1-Dichloroethene	2.83	96	682658	50.69	ug/L	#	83
9) C030	Methylene chloride	3.16	84	808916	47.95	ug/L	#	87
10) C040	Carbon disulfide	3.00	76	2123585	52.53	ug/L		99
11) C036	Acrolein	2.76	56	1012214	912.17	ug/L		95
12) C038	Acrylonitrile	3.32	53	1526991	254.71	ug/L		99
13) C035	Acetone	2.86	43	1113647	245.89	ug/L		100
14) C300	Acetonitrile	3.06	41	3753831	2012.95	ug/L		97
15) C276	Iodomethane	2.95	142	869050	51.99	ug/L		91
16) C291	1,1,2 Trichloro-1,2,	2.83	101	622122	51.52	ug/L		91
17) C962	T-butyl Methyl Ether	3.30	73	2388868	51.41	ug/L		96
18) C057	trans-1,2-Dichloroet	3.33	96	771377	51.47	ug/L		93
19) C255	Methyl Acetate	3.06	43	706371	53.61	ug/L		98
20) C050	1,1-Dichloroethane	3.60	63	1278336	50.51	ug/L		96
21) C125	Vinyl Acetate	3.59	43	7214473	251.51	ug/L		96
22) C051	2,2-Dichloropropane	3.97	77	979431	49.37	ug/L	#	41
23) C056	cis-1,2-Dichloroethe	3.97	96	825182	50.66	ug/L		95
24) C272	Tetrahydrofuran	4.16	42	1250735	254.65	ug/L		97
25) C222	Bromochloromethane	4.14	128	403427	51.15	ug/L		96
26) C060	Chloroform	4.17	83	1276721	50.94	ug/L		96
27) C115	1,1,1-Trichloroethan	4.30	97	1121636	51.79	ug/L		93
28) C120	Carbon tetrachloride	4.40	117	946869	52.50	ug/L		97
29) C116	1,1-Dichloropropene	4.39	75	1049038	51.25	ug/L		98
31) C165	Benzene	4.53	78	3211366	51.10	ug/L		99
32) C065	1,2-Dichloroethane	4.56	62	1009073	50.56	ug/L		96
33) C110	2-Butanone	3.96	43	1846307	255.24	ug/L		95
34) C256	Cyclohexane	4.33	56	1246292	52.74	ug/L	#	81
35) C150	Trichloroethene	4.95	95	781657	51.41	ug/L		91
36) C140	1,2-Dichloropropane	5.11	63	773392	51.05	ug/L		98
37) C278	Dibromomethane	5.21	93	459336	51.69	ug/L		98
38) C130	Bromodichloromethane	5.30	83	1002037	51.85	ug/L		97
39) C161	2-Chloroethylvinyl E	5.46	63	2688677	259.25	ug/L	#	87
40) C012	Methylcycolhexane	5.06	83	1424060	52.71	ug/L	#	84

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5795.D
Acq On : 6 Jul 2010 12:40
Operator : TRB
Sample : T002973-CAL4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 14:07:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

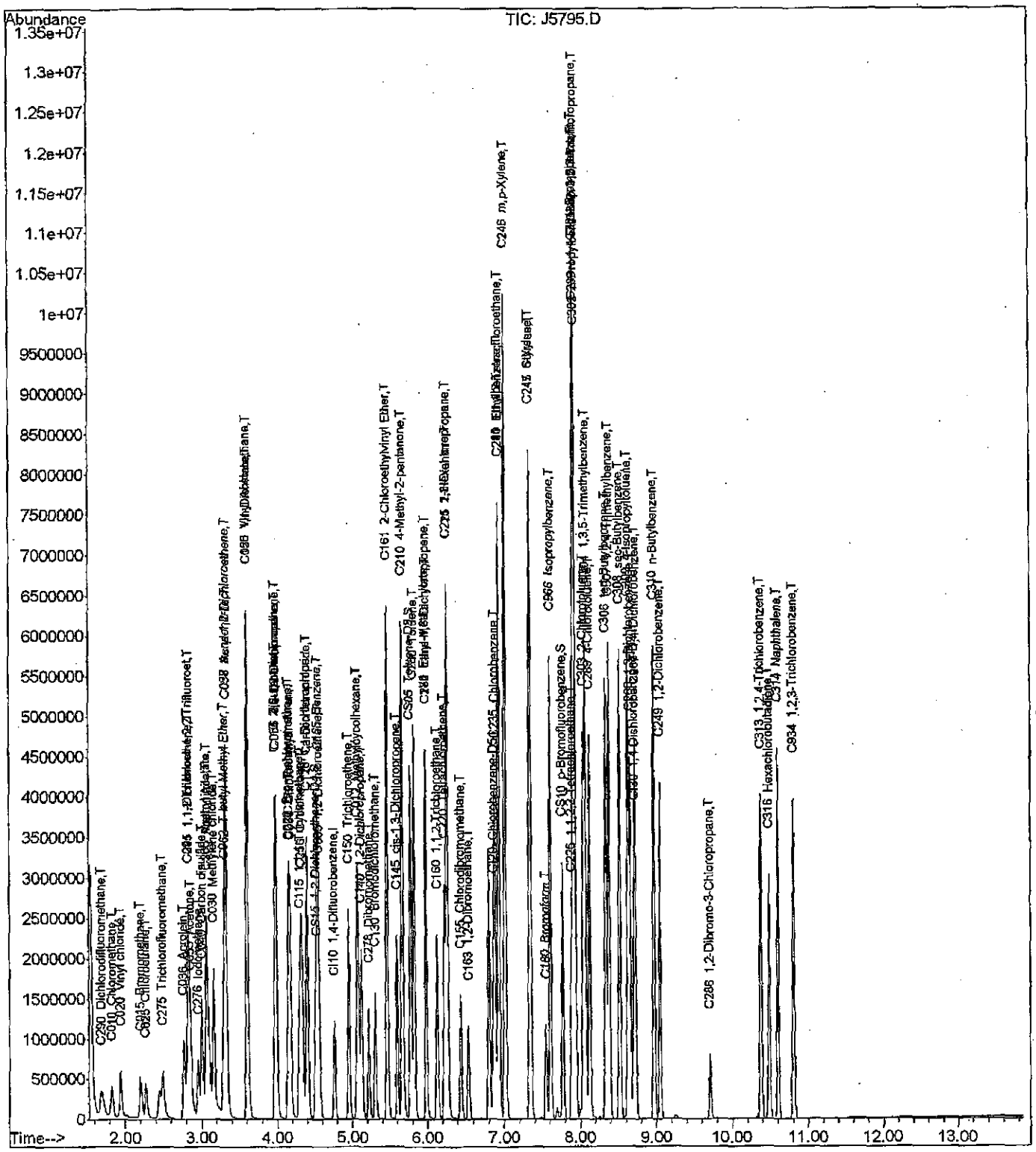
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	1269585	51.49	ug/L		94
44)	C230	Toluene	5.82	92	2081481	50.10	ug/L		96
45)	C170	trans-1,3-Dichloropr	5.98	75	1194541	51.71	ug/L		88
46)	C284	Ethyl Methacrylate	5.98	69	1180172	53.21	ug/L	#	73
47)	C160	1,1,2-Trichloroethan	6.13	83	597211	50.29	ug/L		93
48)	C210	4-Methyl-2-pentanone	5.66	43	3912873	255.58	ug/L	#	83
49)	C220	Tetrachloroethene	6.22	166	843098	50.94	ug/L		97
50)	C221	1,3-Dichloropropane	6.25	76	1235321	50.21	ug/L		99
51)	C155	Chlorodibromomethane	6.44	129	796933	52.90	ug/L		98
52)	C163	1,2-Dibromoethane	6.53	107	778139	51.97	ug/L		98
53)	C215	2-Hexanone	6.26	43	2848178	256.20	ug/L	#	83
54)	C235	Chlorobenzene	6.88	112	2153459	50.50	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	724975	51.21	ug/L	#	80
56)	C240	Ethylbenzene	6.93	91	3819895	50.66	ug/L		95
57)	C246	m,p-Xylene	7.02	106	3138185	101.05	ug/L		92
58)	C247	o-Xylene	7.33	106	1534094	50.57	ug/L		92
59)	C245	Styrene	7.34	104	2586613	51.19	ug/L		95
62)	C180	Bromoform	7.55	173	544422	54.19	ug/L		98
63)	C966	Isopropylbenzene	7.61	105	4018897	50.42	ug/L		98
64)	C301	Bromobenzene	7.91	156	931975	49.62	ug/L	#	61
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	1024461	50.15	ug/L		98
66)	C282	1,2,3-Trichloropropa	7.93	110	291905	49.13	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	1471916	259.27	ug/L	#	73
68)	C302	n-Propylbenzene	7.94	91	4782047	50.17	ug/L		98
69)	C303	2-Chlorotoluene	8.04	126	907446	49.81	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	945463	50.72	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	3407215	50.88	ug/L		100
72)	C306	tert-Butylbenzene	8.34	134	732576	50.47	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	3467262	50.40	ug/L		99
74)	C308	sec-Butylbenzene	8.52	105	4435066	51.04	ug/L		99
75)	C260	1,3-Dichlorobenzene	8.66	146	1878459	49.74	ug/L		98
76)	C309	4-Isopropyltoluene	8.63	119	3611974	51.22	ug/L		93
77)	C267	1,4-Dichlorobenzene	8.73	146	1924285	49.74	ug/L		93
78)	C249	1,2-Dichlorobenzene	9.05	146	1839531	49.95	ug/L		100
79)	C310	n-Butylbenzene	8.97	91	3367016	51.08	ug/L		92
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	202541	52.18	ug/L	#	83
81)	C313	1,2,4-Trichlorobenze	10.39	180	1302322	51.16	ug/L		98
82)	C316	Hexachlorobutadiene	10.49	225	594009	50.68	ug/L		96
83)	C314	Naphthalene	10.61	128	3819301	50.91	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	1228934	49.46	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5795.D
Acq On : 6 Jul 2010 12:40
Operator : TRB
Sample : T002973-CAL4
Misc :
ALS Vial : 4 Sample Multiplier: 1

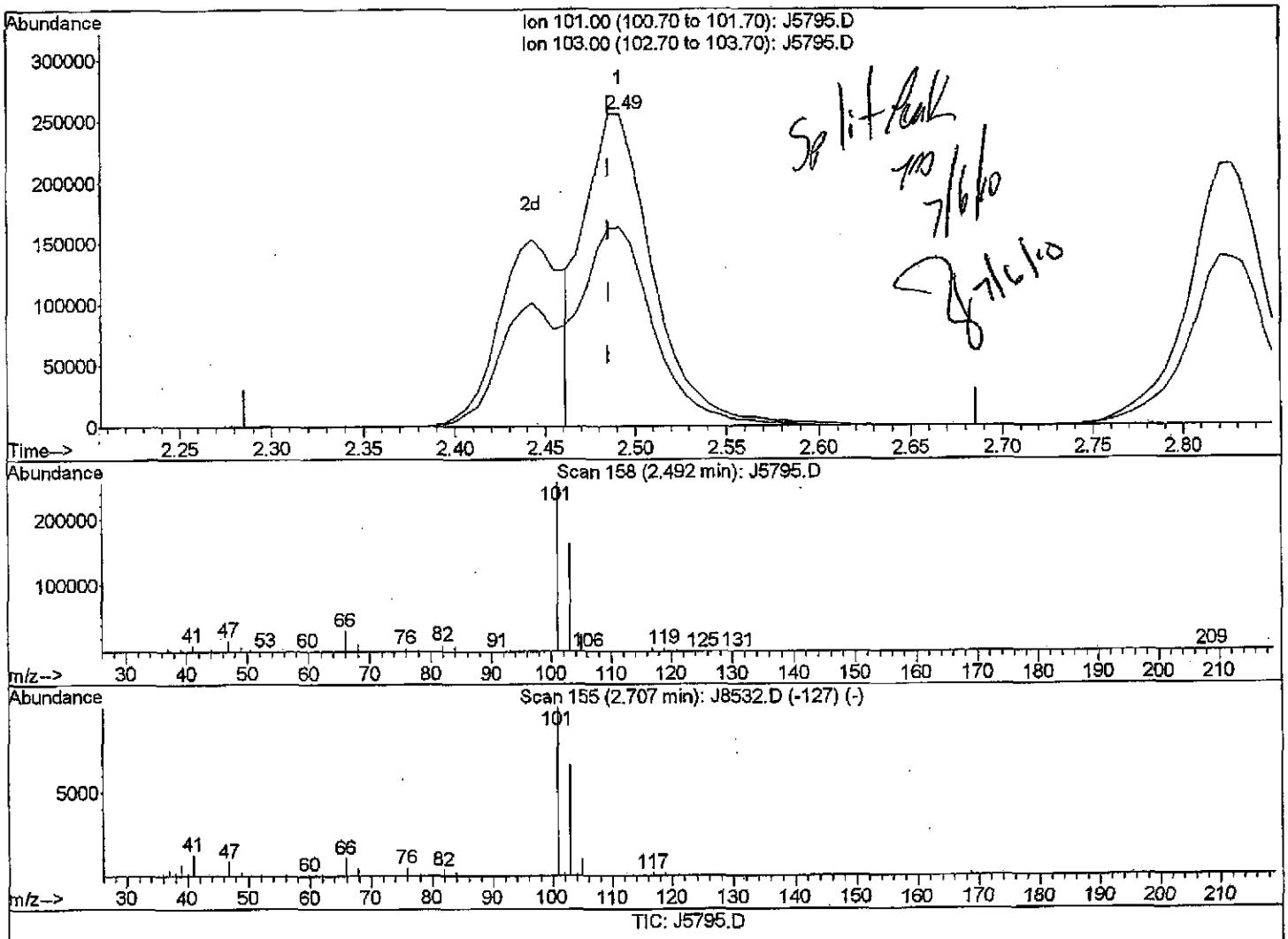
Quant Time: Jul 06 14:07:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5795.D
Acq On : 6 Jul 2010 12:40
Operator : TRB
Sample : T002973-CAL4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 14:05:57 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



TIC: J5795.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.006) 33.61ug/L

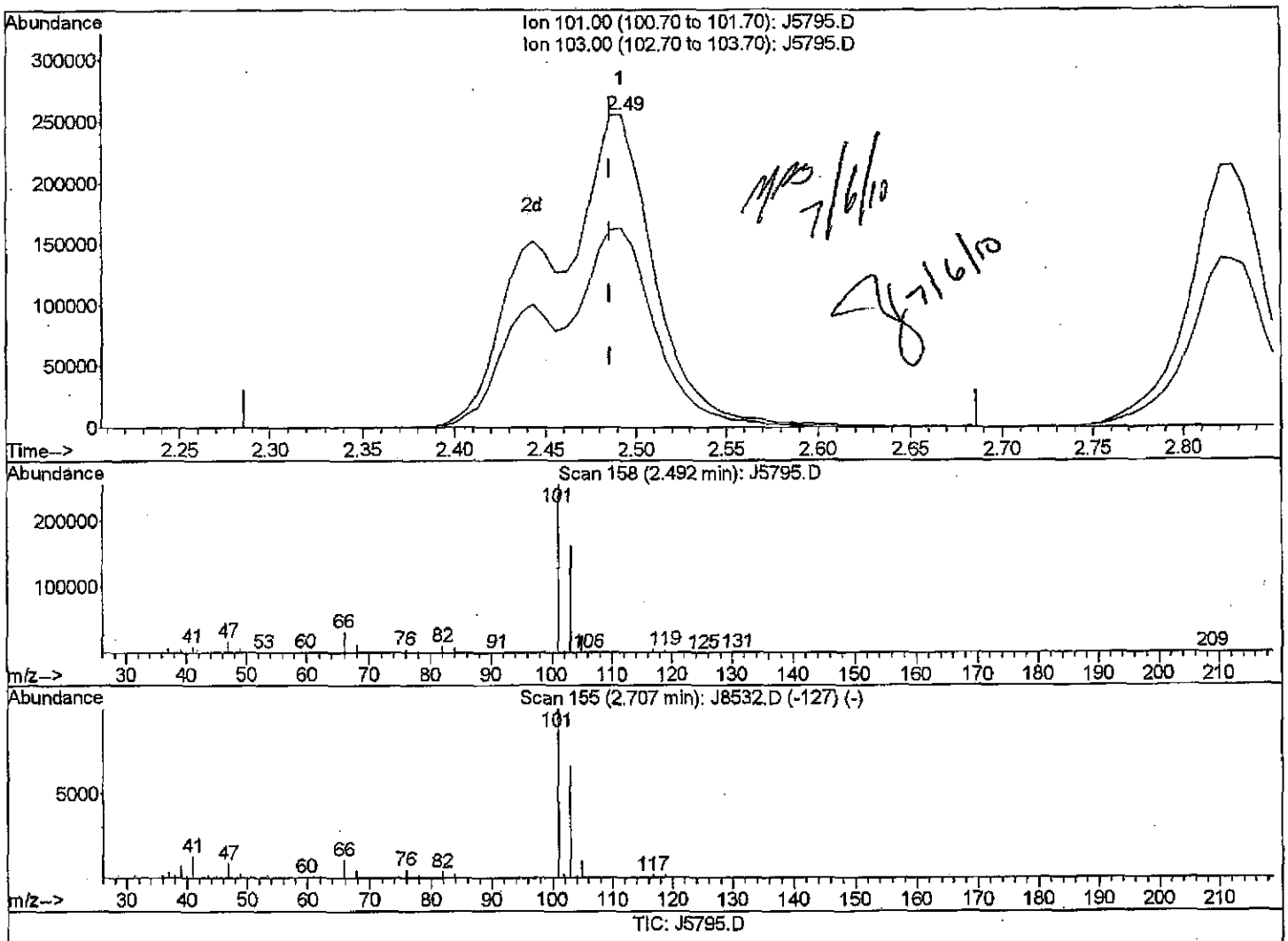
response 681321

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5795.D
Acq On : 6 Jul 2010 12:40
Operator : TRB
Sample : T002973-CAL4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 14:05:57 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



TIC: J5795.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.006) 52.16ug/L m

response 1057529

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5796.D
Acq On : 6 Jul 2010 13:01
Operator : TRB
Sample : T002973-CAL5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 14:08:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	991380	25.00	ug/L		0.00 112.53%
42) CI20	Chlorobenzene-D5	6.86	117	903036	25.00	ug/L		0.00 112.17%
61) CI30	1,4-Dichlorobenzene-	8.71	152	531742	25.00	ug/L		0.00 114.21%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.50	65	1573849	92.23	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	368.92%#		
43) CS05	Toluene-D8	5.77	98	5630328	93.56	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	374.24%#		
60) CS10	p-Bromofluorobenzene	7.77	174	1743437	93.87	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	375.48%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.68	85	1503699	94.85	ug/L		99
3) C010	Chloromethane	1.83	50	1094860	91.03	ug/L		100
4) C020	Vinyl chloride	1.93	62	1184620	95.40	ug/L		98
5) C015	Bromomethane	2.19	94	842185	102.47	ug/L		97
6) C025	Chloroethane	2.26	64	910466	91.36	ug/L		96
7) C275	Trichlorofluorometha	2.48	101	2087398m	97.26	ug/L		98
8) C045	1,1-Dichloroethene	2.81	96	1349394	94.65	ug/L	#	81
9) C030	Methylene chloride	3.15	84	1563122	87.52	ug/L		89
10) C040	Carbon disulfide	3.00	76	4059806	94.86	ug/L		99
11) C036	Acrolein	2.75	56	2180711	1856.34	ug/L		94
12) C038	Acrylonitrile	3.31	53	2977553	469.17	ug/L		100
13) C035	Acetone	2.85	43	2221293	463.29	ug/L		100
14) C300	Acetonitrile	3.06	41	7491144	3794.60	ug/L		97
15) C276	Iodomethane	2.95	142	1672079	94.48	ug/L		93
16) C291	1,1,2 Trichloro-1,2,	2.82	101	1194917	93.47	ug/L		93
17) C962	T-butyl Methyl Ether	3.29	73	4728082	96.11	ug/L		97
18) C057	trans-1,2-Dichloroet	3.31	96	1487522	93.75	ug/L		96
19) C255	Methyl Acetate	3.05	43	1306534	93.66	ug/L		98
20) C050	1,1-Dichloroethane	3.60	63	2436891	90.95	ug/L		95
21) C125	Vinyl Acetate	3.59	43	13677109	450.41	ug/L		96
22) C051	2,2-Dichloropropane	3.97	77	1908353	90.87	ug/L	#	41
23) C056	cis-1,2-Dichloroethe	3.97	96	1600868	92.84	ug/L		95
24) C272	Tetrahydrofuran	4.15	42	2443881	470.02	ug/L		97
25) C222	Bromochloromethane	4.14	128	786877	94.25	ug/L		95
26) C060	Chloroform	4.17	83	2491826	93.92	ug/L		96
27) C115	1,1,1-Trichloroethan	4.29	97	2204770	96.16	ug/L		92
28) C120	Carbon tetrachloride	4.40	117	1906097	99.84	ug/L		99
29) C116	1,1-Dichloropropene	4.39	75	2043179	94.30	ug/L		99
31) C165	Benzene	4.53	78	6195597	93.13	ug/L		100
32) C065	1,2-Dichloroethane	4.55	62	1990395	94.21	ug/L		97
33) C110	2-Butanone	3.95	43	3640349	475.39	ug/L		95
34) C256	Cyclohexane	4.32	56	2358107	94.27	ug/L	#	78
35) C150	Trichloroethene	4.95	95	1541303	95.76	ug/L		92
36) C140	1,2-Dichloropropane	5.11	63	1531730	95.52	ug/L		99
37) C278	Dibromomethane	5.21	93	916897	97.47	ug/L		97
38) C130	Bromodichloromethane	5.30	83	1999838	97.75	ug/L		96
39) C161	2-Chloroethylvinyl E	5.45	63	5101812	464.69	ug/L	#	86
40) C012	Methylcycolhexane	5.06	83	2776936	97.10	ug/L	#	83

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5796.D
Acq On : 6 Jul 2010 13:01
Operator : TRB
Sample : T002973-CAL5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 14:08:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

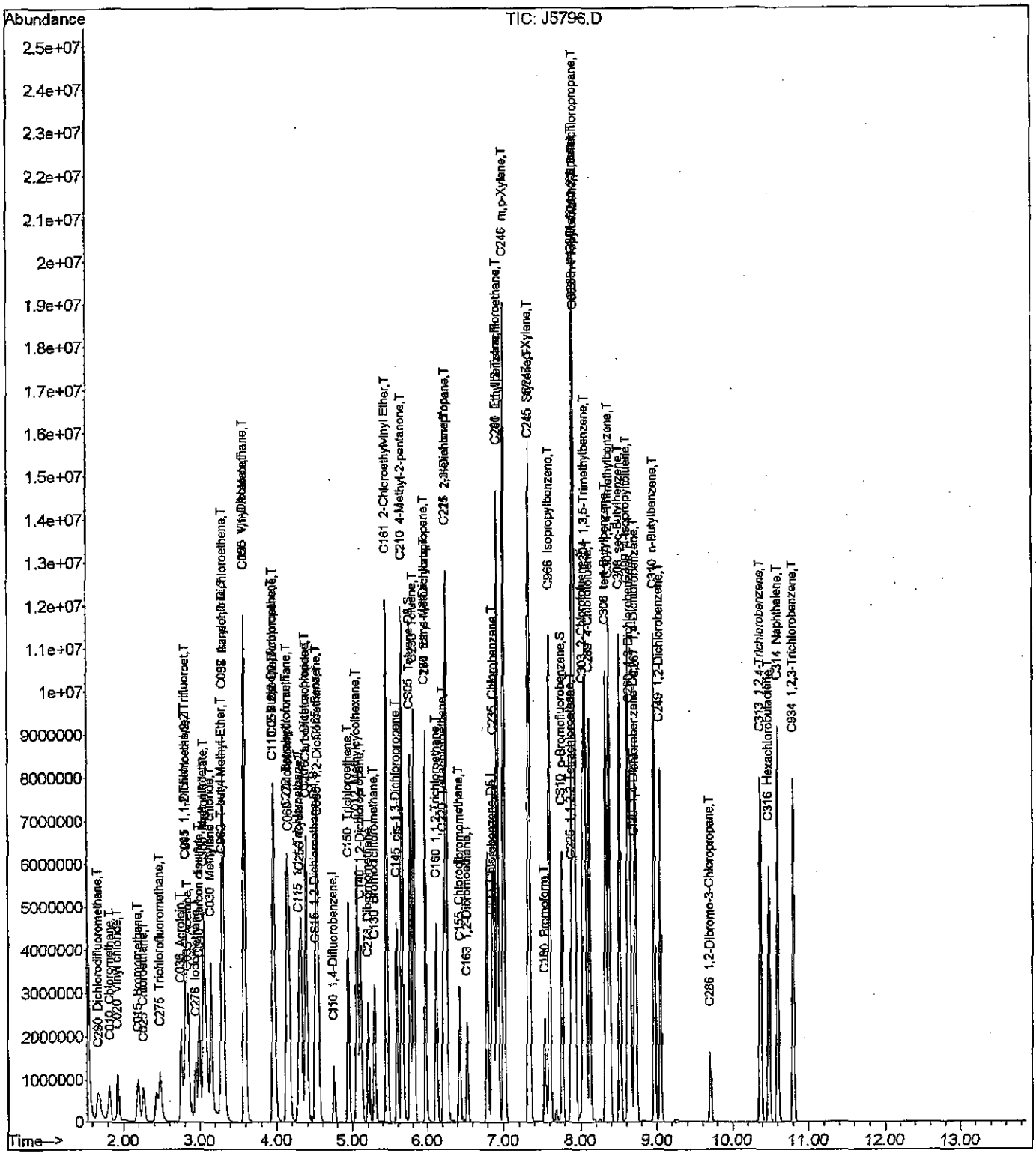
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	2554910	97.87	ug/L		95
44)	C230	Toluene	5.82	92	4107245	93.79	ug/L		96
45)	C170	trans-1,3-Dichloropr	5.98	75	2391910	98.23	ug/L		90
46)	C284	Ethyl Methacrylate	5.98	69	2347303	100.41	ug/L	#	73
47)	C160	1,1,2-Trichloroethan	6.13	83	1209993	96.66	ug/L		92
48)	C210	4-Methyl-2-pentanone	5.66	43	7588320	470.23	ug/L	#	80
49)	C220	Tetrachloroethene	6.22	166	1656725	94.96	ug/L		97
50)	C221	1,3-Dichloropropane	6.25	76	2417400	93.22	ug/L		99
51)	C155	Chlorodibromomethane	6.44	129	1627855	102.52	ug/L		99
52)	C163	1,2-Dibromoethane	6.53	107	1559226	98.80	ug/L		98
53)	C215	2-Hexanone	6.26	43	5511125	470.32	ug/L	#	81
54)	C235	Chlorobenzene	6.88	112	4238340	94.30	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	1427813	95.68	ug/L	#	82
56)	C240	Ethylbenzene	6.93	91	7280351	91.60	ug/L		96
57)	C246	m,p-Xylene	7.02	106	5932531	181.24	ug/L		92
58)	C247	o-Xylene	7.33	106	2961422	92.61	ug/L		94
59)	C245	Styrene	7.35	104	5008938	94.04	ug/L		98
62)	C180	Bromoform	7.55	173	1134631	106.85	ug/L		97
63)	C966	Isopropylbenzene	7.61	105	7865040	93.36	ug/L		98
64)	C301	Bromobenzene	7.91	156	1766885	89.01	ug/L	#	63
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	2057846	95.32	ug/L		98
66)	C282	1,2,3-Trichloropropa	7.93	110	557418	88.76	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	2797038	466.17	ug/L	#	73
68)	C302	n-Propylbenzene	7.94	91	9089708	90.23	ug/L		97
69)	C303	2-Chlorotoluene	8.04	126	1788624	92.89	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	1847445	93.78	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	6647422	93.93	ug/L		100
72)	C306	tert-Butylbenzene	8.34	134	1447165	94.34	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	6802211	93.56	ug/L		99
74)	C308	sec-Butylbenzene	8.52	105	8647637	94.17	ug/L		100
75)	C260	1,3-Dichlorobenzene	8.66	146	3710545	92.96	ug/L		98
76)	C309	4-Isopropyltoluene	8.62	119	7002914	93.96	ug/L		94
77)	C267	1,4-Dichlorobenzene	8.73	146	3802188	92.98	ug/L		94
78)	C249	1,2-Dichlorobenzene	9.05	146	3624623	93.12	ug/L		99
79)	C310	n-Butylbenzene	8.97	91	6531306	93.75	ug/L		93
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	415076	101.19	ug/L		88
81)	C313	1,2,4-Trichlorobenze	10.39	180	2533735	94.18	ug/L		99
82)	C316	Hexachlorobutadiene	10.49	225	1183138	95.50	ug/L		98
83)	C314	Naphthalene	10.61	128	7531074	94.98	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	2477913	94.37	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5796.D
Acq On : 6 Jul 2010 13:01
Operator : TRB
Sample : T002973-CAL5
Misc :
ALS Vial : 5 Sample Multiplier: 1

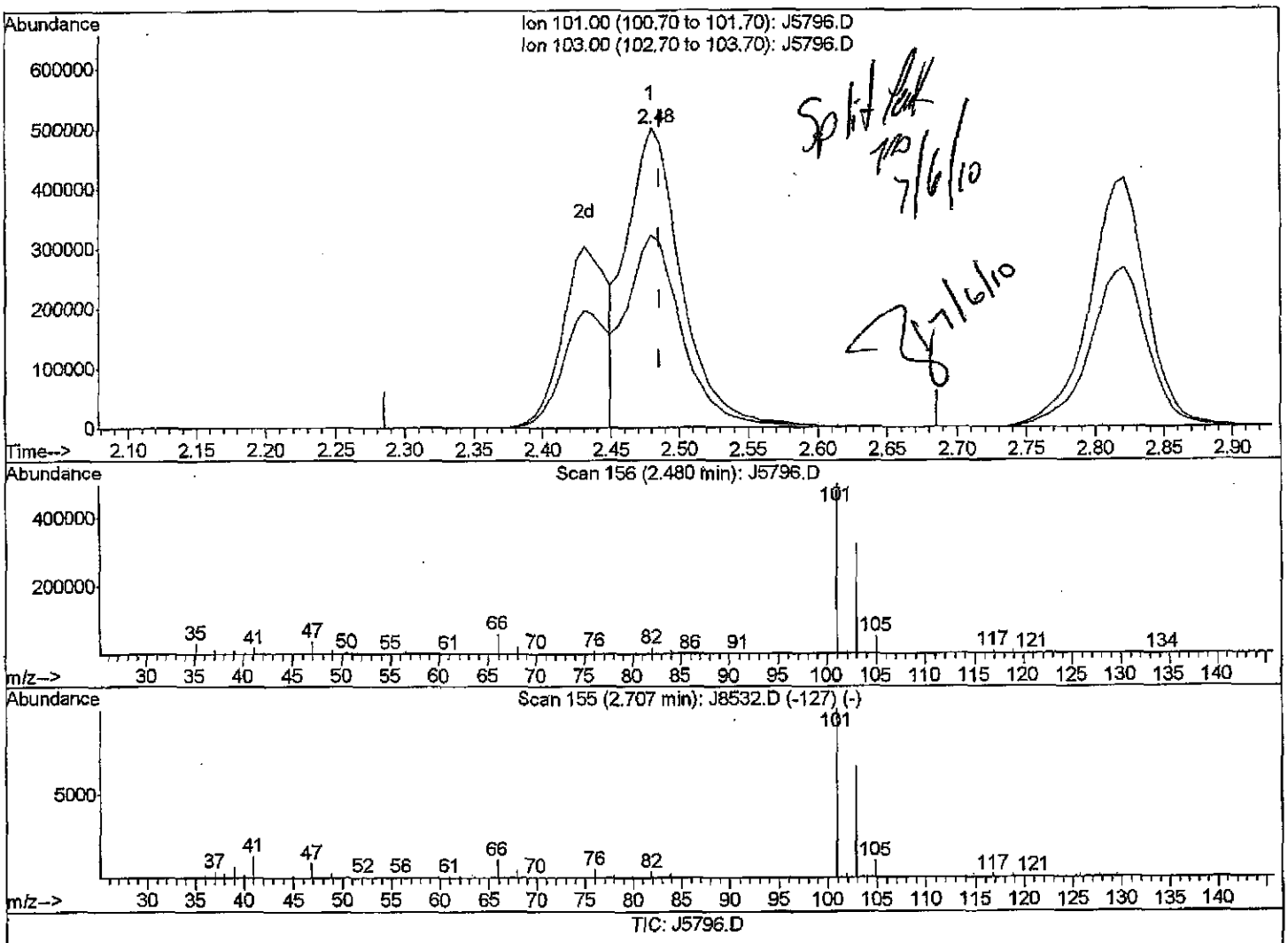
Quant Time: Jul 06 14:08:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5796.D
Acq On : 6 Jul 2010 13:01
Operator : TRB
Sample : T002973-CAL5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 14:06:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



TIC: J5796.D

(7) C275 Trichlorofluoromethane (T)

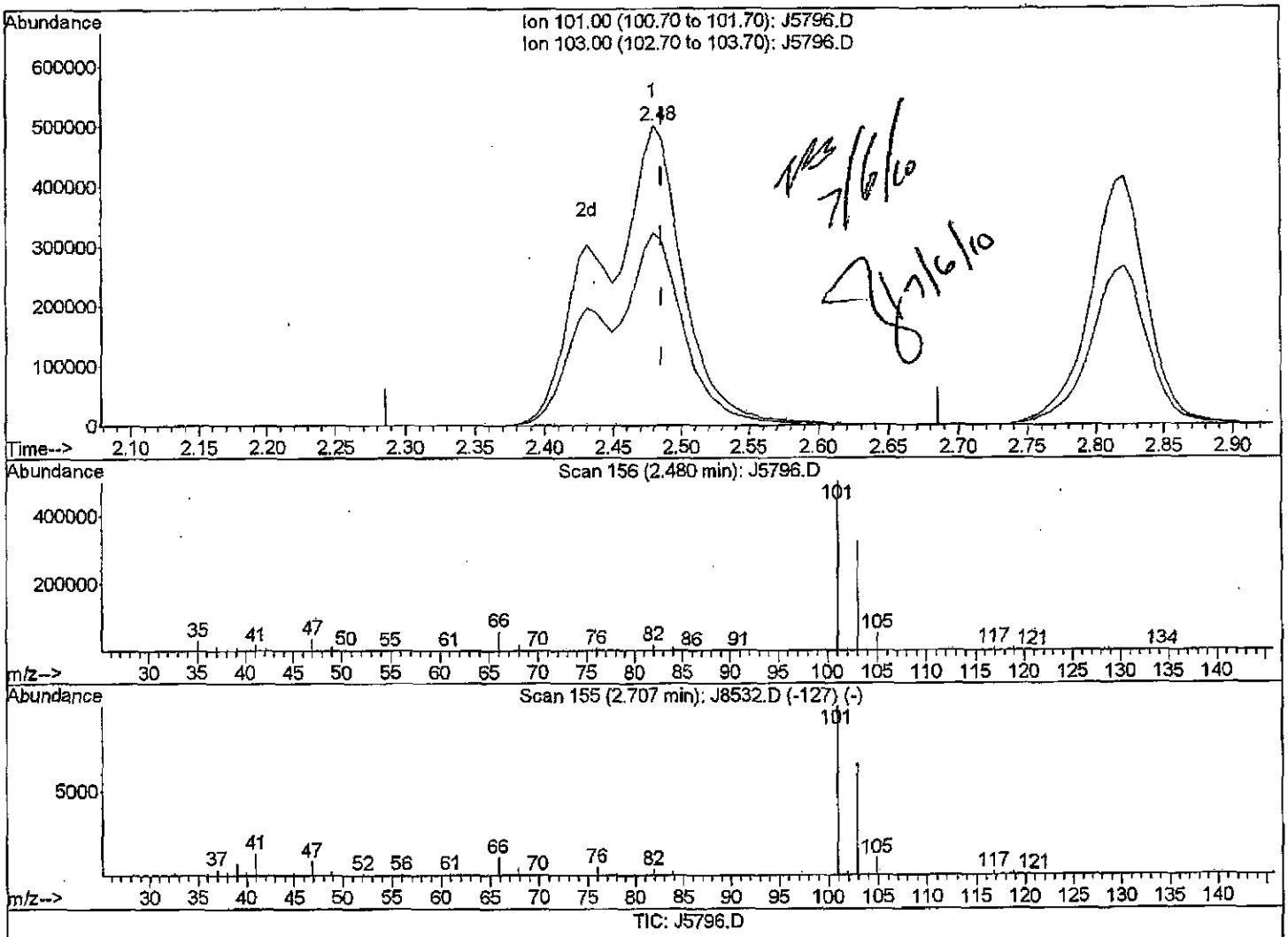
2.48min (-0.006) 64.85ug/L

response 1391693

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.22
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5796.D
Acq On : 6 Jul 2010 13:01
Operator : TRB
Sample : T002973-CAL5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 14:06:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



TIC: J5796.D

(7) C275 Trichlorofluoromethane (T)

2.48min (-0.006) 97.26ug/L m

response 2087398

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5799.D
Acq On : 6 Jul 2010 14:17
Operator : TRB
Sample : T002973-SCV1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 14:34:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	931903	25.00	ug/L		0.00 105.78%
42) CI20	Chlorobenzene-D5	6.86	117	847132	25.00	ug/L		0.00 105.23%
61) CI30	1,4-Dichlorobenzene-	8.71	152	495676	25.00	ug/L		0.00 106.46%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.51	65	379232	23.64	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	94.56%		
43) CS05	Toluene-D8	5.77	98	1452854	25.73	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	102.92%		
60) CS10	p-Bromofluorobenzene	7.77	174	438146	25.15	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	100.60%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	318798	21.39	ug/L		97
3) C010	Chloromethane	1.82	50	252025	22.25	ug/L		98
4) C020	Vinyl chloride	1.94	62	265363	22.73	ug/L		94
5) C015	Bromomethane	2.19	94	136055	17.61	ug/L		97
6) C025	Chloroethane	2.27	64	203229	21.69	ug/L		100
7) C275	Trichlorofluorometha	2.49	101	488878m	24.24	ug/L		98
8) C045	1,1-Dichloroethene	2.83	96	296782	22.14	ug/L	#	80
9) C030	Methylene chloride	3.16	84	376179	22.41	ug/L	#	85
10) C040	Carbon disulfide	3.00	76	989606	24.60	ug/L		98
11) C036	Acrolein	2.77	56	533164	521.67	ug/L		93
12) C038	Acrylonitrile	3.32	53	721689	120.97	ug/L		99
13) C035	Acetone	2.86	43	543535	120.60	ug/L		99
14) C300	Acetonitrile	3.07	41	1911255	1032.86	ug/L		98
15) C276	Iodomethane	2.96	142	533286	32.06	ug/L		91
16) C291	1,1,2 Trichloro-1,2,	2.82	101	296027	24.63	ug/L		90
17) C962	T-butyl Methyl Ether	3.30	73	1109113	23.98	ug/L		97
18) C057	trans-1,2-Dichloroet	3.32	96	360700	24.18	ug/L		96
19) C255	Methyl Acetate	3.06	43	488899	37.29	ug/L		96
20) C050	1,1-Dichloroethane	3.60	63	595597	23.65	ug/L		95
21) C125	Vinyl Acetate	3.60	43	3242668	113.61	ug/L		97
22) C051	2,2-Dichloropropane	3.97	77	470556	23.84	ug/L	#	42
23) C056	cis-1,2-Dichloroethe	3.97	96	394040	24.31	ug/L		95
24) C272	Tetrahydrofuran	4.16	42	656099	134.24	ug/L		97
25) C222	Bromochloromethane	4.14	128	187203	23.85	ug/L		96
26) C060	Chloroform	4.17	83	584419	23.43	ug/L		96
27) C115	1,1,1-Trichloroethan	4.30	97	504931	23.43	ug/L		94
28) C120	Carbon tetrachloride	4.40	117	428106	23.86	ug/L		98
29) C116	1,1-Dichloropropene	4.39	75	479601	23.55	ug/L		98
31) C165	Benzene	4.53	78	1477711	23.63	ug/L		99
32) C065	1,2-Dichloroethane	4.56	62	469677	23.65	ug/L		96
33) C110	2-Butanone	3.96	43	924881	128.53	ug/L		95
34) C256	Cyclohexane	4.33	56	610820	25.98	ug/L	#	81
35) C150	Trichloroethene	4.95	95	352217	23.28	ug/L		92
36) C140	1,2-Dichloropropane	5.11	63	358336	23.77	ug/L		100
37) C278	Dibromomethane	5.22	93	215410	24.36	ug/L		90
38) C130	Bromodichloromethane	5.30	83	457801	23.80	ug/L		95
39) C161	2-Chloroethylvinyl E	5.46	63	1387508	134.45	ug/L	#	86
40) C012	Methylcycolhexane	5.06	83	712286	26.50	ug/L	#	84

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5799.D
Acq On : 6 Jul 2010 14:17
Operator : TRB
Sample : T002973-SCV1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 14:34:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

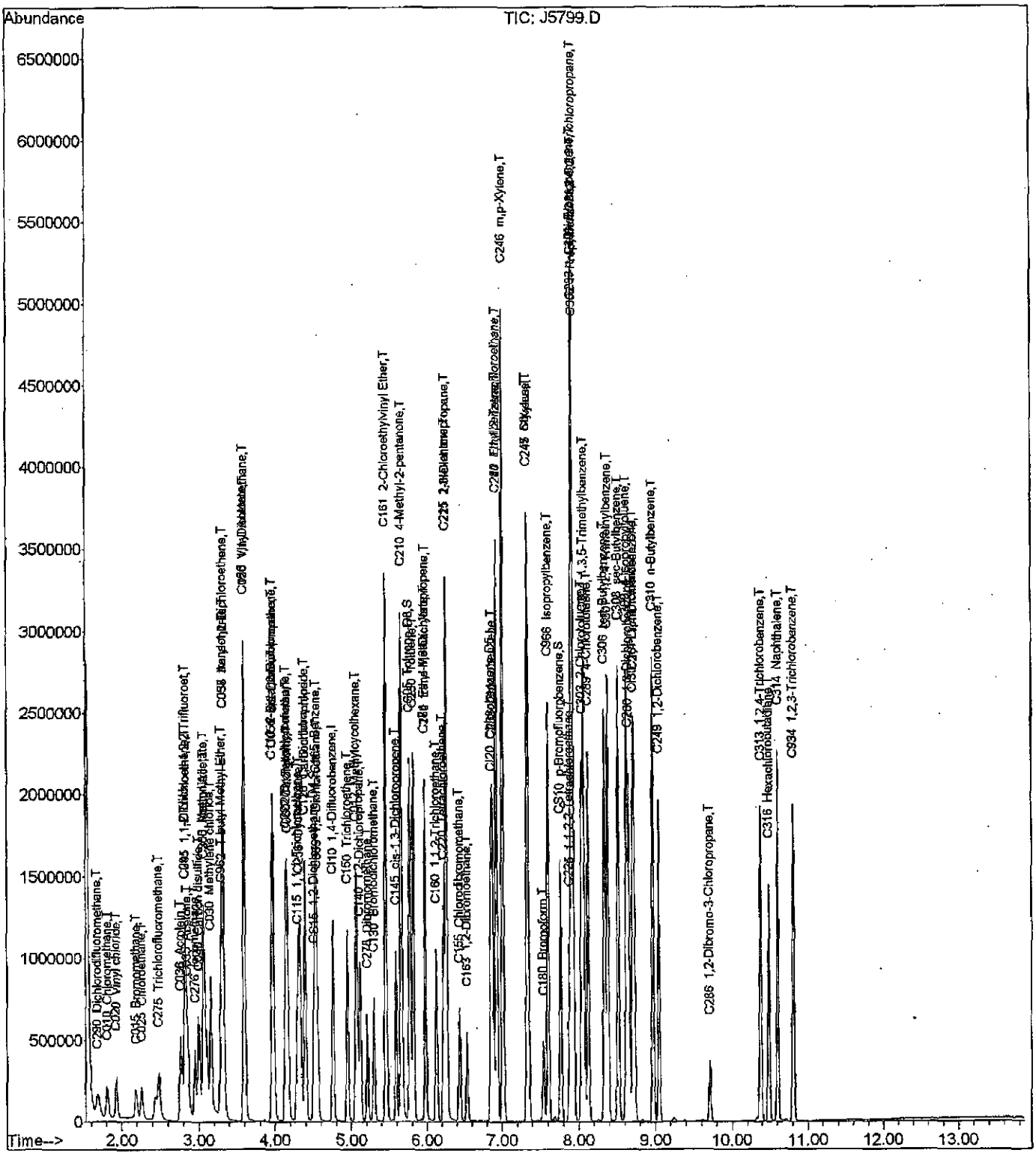
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	583529	23.78	ug/L		91
44)	C230	Toluene	5.82	92	973851	23.71	ug/L		97
45)	C170	trans-1,3-Dichloropr	5.98	75	540364	23.66	ug/L		90
46)	C284	Ethyl Methacrylate	5.99	69	571367	26.05	ug/L	#	73
47)	C160	1,1,2-Trichloroethan	6.13	83	279999	23.84	ug/L		92
48)	C210	4-Methyl-2-pentanone	5.66	43	1990110	131.46	ug/L	#	84
49)	C220	Tetrachloroethene	6.22	166	391090	23.90	ug/L		98
50)	C221	1,3-Dichloropropane	6.25	76	589242	24.22	ug/L		99
51)	C155	Chlorodibromomethane	6.44	129	356470	23.93	ug/L		98
52)	C163	1,2-Dibromoethane	6.54	107	359318	24.27	ug/L		99
53)	C215	2-Hexanone	6.26	43	1434904	130.53	ug/L	#	82
54)	C235	Chlorobenzene	6.88	112	1010870	23.98	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	338275	24.16	ug/L	#	79
56)	C240	Ethylbenzene	6.93	91	1764220	23.66	ug/L		96
57)	C246	m,p-Xylene	7.02	106	1460817	47.57	ug/L		93
58)	C247	o-Xylene	7.33	106	715163	23.84	ug/L		94
59)	C245	Styrene	7.34	104	1156828	23.15	ug/L		96
62)	C180	Bromoform	7.55	173	234373	23.68	ug/L		100
63)	C966	Isopropylbenzene	7.61	105	1773500	22.58	ug/L		98
64)	C301	Bromobenzene	7.91	156	445376	24.07	ug/L	#	57
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	474224	23.56	ug/L		99
66)	C282	1,2,3-Trichloropropa	7.93	110	153327	26.19	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	727333	130.04	ug/L	#	71
68)	C302	n-Propylbenzene	7.94	91	2285777	24.34	ug/L		98
69)	C303	2-Chlorotoluene	8.04	126	424877	23.67	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	439838	23.95	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	1592664	24.14	ug/L		99
72)	C306	tert-Butylbenzene	8.34	134	339673	23.75	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	1633726	24.10	ug/L		99
74)	C308	sec-Butylbenzene	8.52	105	2073926	24.23	ug/L		99
75)	C260	1,3-Dichlorobenzene	8.66	146	884642	23.78	ug/L		98
76)	C309	4-Isopropyltoluene	8.63	119	1707233	24.57	ug/L		92
77)	C267	1,4-Dichlorobenzene	8.73	146	907193	23.80	ug/L		93
78)	C249	1,2-Dichlorobenzene	9.05	146	865624	23.86	ug/L		99
79)	C310	n-Butylbenzene	8.97	91	1577403	24.29	ug/L		94
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	94386	24.68	ug/L	#	82
81)	C313	1,2,4-Trichlorobenze	10.39	180	608455	24.26	ug/L		96
82)	C316	Hexachlorobutadiene	10.49	225	278040	24.08	ug/L		97
83)	C314	Naphthalene	10.61	128	1811397	24.51	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	593738	24.26	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5799.D
Acq On : 6 Jul 2010 14:17
Operator : TRB
Sample : T002973-SCV1
Misc :
ALS Vial : 8 Sample Multiplier: 1

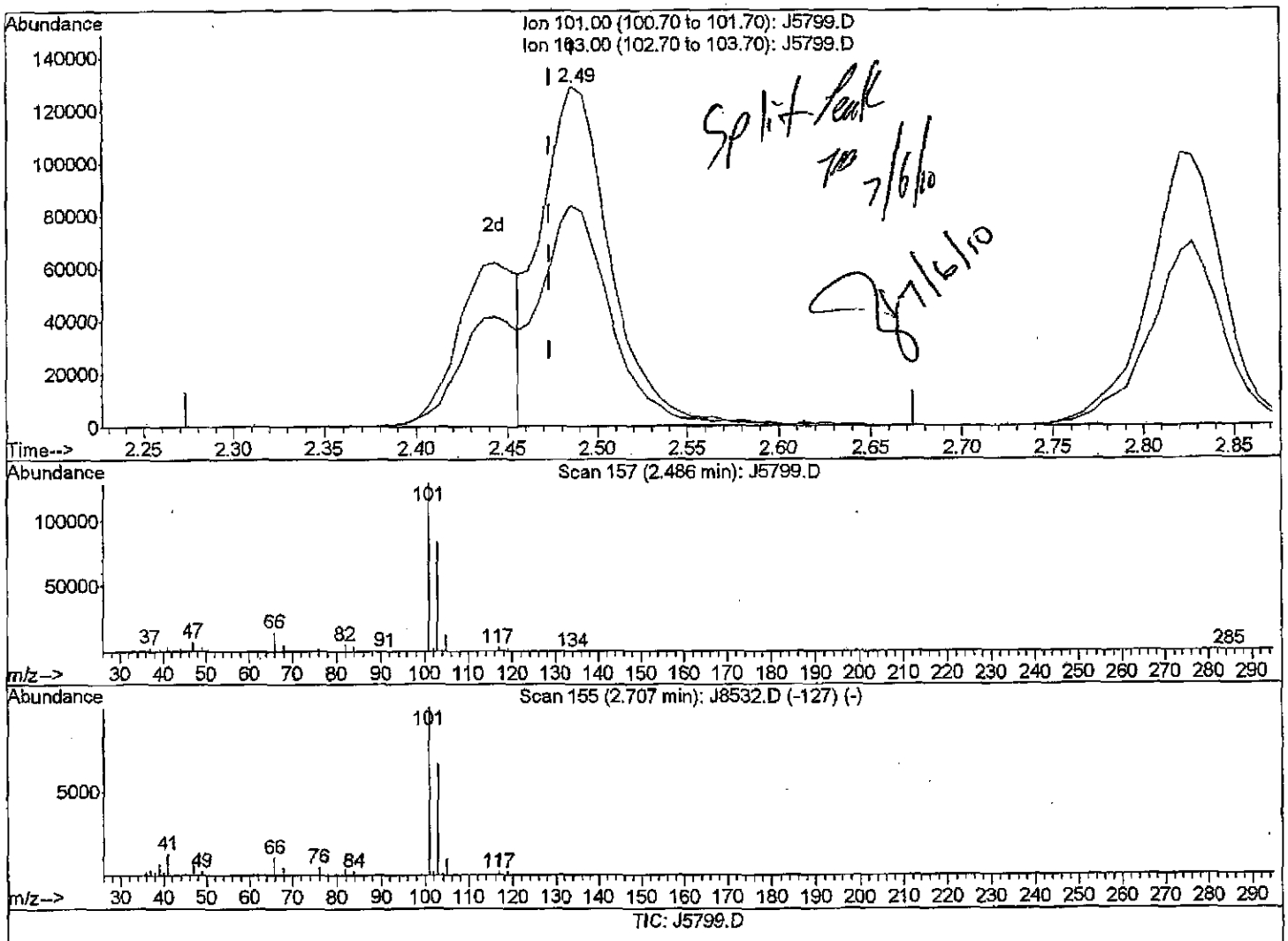
Quant Time: Jul 06 14:34:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5799.D
Acq On : 6 Jul 2010 14:17
Operator : TRB
Sample : T002973-SCV1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 14:33:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration



TIC: J5799.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.012) 17.07ug/L

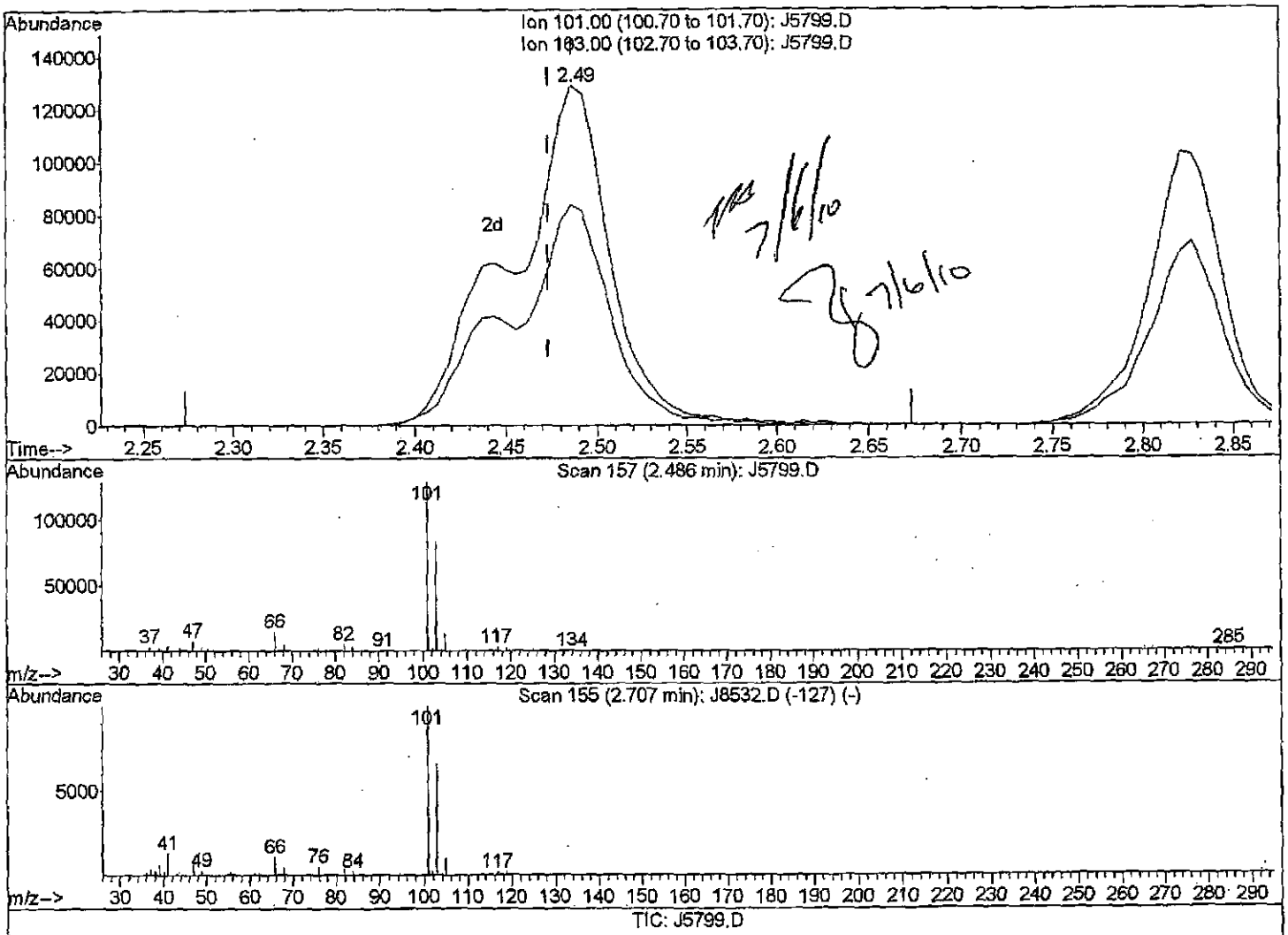
response 344271

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.89
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5799.D
Acq On : 6 Jul 2010 14:17
Operator : TRB
Sample : T002973-SCV1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 14:33:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration



TIC: J5799.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.012) 24.24ug/L m

response 488878

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.89
0.00	0.00	0.00
0.00	0.00	0.00

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973J	Calibration:	R10G020
Lab File ID:	J5801.D	Calibration Date:	07/06/10 11:55
Sequence:	T002985	Injection Date:	07/06/10
Lab Sample ID:	T002985-CCV1	Injection Time:	14:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	26.0	0.5782041	0.6005502		3.9	100
1,1,2,2-Tetrachloroethane	A	25.0	24.9	1.015041	1.011013	0.3	-0.4	100
1,1,2-Trichloroethane	A	25.0	25.2	0.3465519	0.349615		0.9	100
1,1,2-Trichlorotrifluoroethane	A	25.0	27.2	0.3223753	0.3512057		8.9	100
1,1-Dichloroethane	A	25.0	25.6	0.6756685	0.6923883	0.1	2.5	100
1,1-Dichloroethene	A	25.0	26.4	0.3595302	0.3803929		5.8	20
1,2,4-Trichlorobenzene	A	25.0	25.5	1.264873	1.289334		1.9	100
1,2-Dibromo-3-chloropropane	A	25.0	24.5	0.1928636	0.1892893		-1.9	100
1,2-Dibromoethane (EDB)	A	25.0	25.6	0.4369065	0.4466776		2.2	100
1,2-Dichlorobenzene	A	25.0	25.0	1.830053	1.827549		-0.1	100
1,2-Dichloroethane	A	25.0	25.1	0.5327554	0.5343096		0.3	100
1,2-Dichloroethane-d4	A	25.0	23.7	0.4303091	0.4083636		-5.1	100
1,2-Dichloroethene, Total	A	50.0	52.3	15565.56	16455.6		5.7	100
1,2-Dichloropropane	A	25.0	25.0	0.4043927	0.4050668		0.2	20
1,3-Dichlorobenzene	A	25.0	25.4	1.876572	1.903623		1.4	100
1,4-Dichlorobenzene	A	25.0	25.2	1.922507	1.934419		0.6	100
2-Butanone (MEK)	A	125	129	0.1930437	0.1992757		3.2	100
2-Hexanone	A	125	131	0.324404	0.3391064		4.5	100
4-Bromofluorobenzene	A	25.0	24.6	0.5141617	0.5048265		-1.8	100
4-Methyl-2-pentanone (MIBK)	A	125	128	0.4467522	0.4587394		2.7	100
Acetone	A	125	122	0.1209077	0.1180643		-2.4	100
Benzene	A	25.0	25.8	1.677579	1.732489		3.3	100
Bromodichloromethane	A	25.0	25.4	0.5139398	0.524311		1.6	100
Bromoform	A	25.0	25.3	0.4992539	0.5045986	0.1	1.1	100
Bromomethane	A	25.0	25.8	0.2072646	0.2136338		3.1	100
Carbon disulfide	A	25.0	26.5	1.07929	1.143041		5.9	100
Carbon Tetrachloride	A	25.0	26.8	0.4814386	0.5162515		7.2	100
Chlorobenzene	A	25.0	25.6	1.244255	1.27221	0.3	2.2	100
Chlorodibromomethane	A	25.0	25.6	0.4395942	0.449695		2.3	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973J	Calibration:	R10G020
Lab File ID:	J5801.D	Calibration Date:	07/06/10 11:55
Sequence:	T002985	Injection Date:	07/06/10
Lab Sample ID:	T002985-CCV1	Injection Time:	14:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroethane	A	25.0	24.5	0.2513153	0.2464394		-1.9	100
Chloroform	A	25.0	25.7	0.6690413	0.6882519		2.9	20
Chloromethane	A	25.0	24.6	0.3038171	0.2987636	0.1	-1.7	100
cis-1,2-Dichloroethene	A	25.0	26.0	0.4348428	0.4528991		4.2	100
cis-1,3-Dichloropropene	A	25.0	25.9	0.6582845	0.6810692		3.5	100
Cyclohexane	A	25.0	27.1	0.630793	0.6829861		8.3	100
Dichlorodifluoromethane	A	25.0	26.2	0.3998793	0.4196074		4.9	100
Ethylbenzene	A	25.0	25.9	2.200273	2.280136		3.6	20
Isopropylbenzene	A	25.0	25.8	3.96084	4.096126		3.4	100
Methyl Acetate	A	25.0	25.8	0.3517586	0.3627997		3.1	100
Methyl tert-Butyl Ether	A	25.0	25.6	1.240572	1.268344		2.2	100
Methylcyclohexane	A	25.0	27.2	0.7211773	0.7839196		8.7	100
Methylene Chloride	A	25.0	23.8	0.4503801	0.4283917		-4.9	100
Styrene	A	25.0	25.8	1.474521	1.521453		3.2	100
Tetrachloroethene	A	25.0	25.8	0.482988	0.4987626		3.3	100
Toluene	A	25.0	25.6	1.212324	1.240124		2.3	20
Toluene-d8	A	25.0	25.0	1.66608	1.662426		-0.2	100
trans-1,2-Dichloroethene	A	25.0	26.3	0.4001123	0.4204236		5.1	100
trans-1,3-Dichloropropene	A	25.0	25.7	0.6741409	0.6934433		2.9	100
Trichloroethene	A	25.0	26.0	0.4058736	0.4212727		3.8	100
Trichlorofluoromethane	A	25.0	26.3	0.5409592	0.568925		5.2	100
Vinyl chloride	A	25.0	25.8	0.3131243	0.3228273		3.1	20
Xylenes, total	A	75.0	77.5	0.899237	0.9290936		3.3	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5801.D
Acq On : 6 Jul 2010 14:49
Operator : TRB
Sample : T002985-CCV1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 06 15:05:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	942126	25.00	ug/L	0.00 106.94%
42) CI20	Chlorobenzene-D5	6.86	117	862320	25.00	ug/L	0.00 107.11%
61) CI30	1,4-Dichlorobenzene-	8.71	152	505586	25.00	ug/L	0.00 108.59%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	384730	23.73	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	94.92%		
43) CS05	Toluene-D8	5.77	98	1433543	24.95	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	99.80%		
60) CS10	p-Bromofluorobenzene	7.77	174	435322	24.55	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	98.20%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.69	85	395323	26.23	ug/L	95
3) C010	Chloromethane	1.81	50	281473	24.58	ug/L	97
4) C020	Vinyl chloride	1.92	62	304144	25.77	ug/L	97
5) C015	Bromomethane	2.19	94	201270	25.77	ug/L	100
6) C025	Chloroethane	2.26	64	232177	24.51	ug/L	99
7) C275	Trichlorofluorometha	2.48	101	535999m	26.29	ug/L	100
8) C045	1,1-Dichloroethene	2.82	96	358378	26.45	ug/L #	79
9) C030	Methylene chloride	3.16	84	403599	23.78	ug/L	87
10) C040	Carbon disulfide	3.00	76	1076889	26.48	ug/L	99
11) C036	Acrolein	2.75	56	567527	549.27	ug/L	94
12) C038	Acrylonitrile	3.31	53	769536	127.59	ug/L	100
13) C035	Acetone	2.85	43	556157	122.06	ug/L	100
14) C300	Acetonitrile	3.06	41	1894462	1012.68	ug/L	97
15) C276	Iodomethane	2.95	142	445201	26.47	ug/L	91
16) C291	1,1,2 Trichloro-1,2,	2.82	101	330880	27.24	ug/L	92
17) C962	T-butyl Methyl Ether	3.30	73	1194940	25.56	ug/L	97
18) C057	trans-1,2-Dichloroet	3.32	96	396092	26.27	ug/L	93
19) C255	Methyl Acetate	3.05	43	341803	25.78	ug/L	98
20) C050	1,1-Dichloroethane	3.60	63	652317	25.62	ug/L	97
21) C125	Vinyl Acetate	3.59	43	3787761	131.27	ug/L	97
22) C051	2,2-Dichloropropane	3.97	77	527918	26.45	ug/L #	42
23) C056	cis-1,2-Dichloroethe	3.97	96	426688	26.04	ug/L	96
24) C272	Tetrahydrofuran	4.15	42	622685	126.02	ug/L	96
25) C222	Bromochloromethane	4.14	128	199478	25.14	ug/L	97
26) C060	Chloroform	4.17	83	648420	25.72	ug/L	95
27) C115	1,1,1-Trichloroethan	4.29	97	565794	25.97	ug/L	93
28) C120	Carbon tetrachloride	4.40	117	486374	26.81	ug/L	100
29) C116	1,1-Dichloropropene	4.39	75	540026	26.23	ug/L	96
31) C165	Benzene	4.53	78	1632223	25.82	ug/L	99
32) C065	1,2-Dichloroethane	4.55	62	503387	25.07	ug/L	97
33) C110	2-Butanone	3.95	43	938714	129.04	ug/L	97
34) C256	Cyclohexane	4.32	56	643459	27.07	ug/L #	80
35) C150	Trichloroethene	4.95	95	396892	25.95	ug/L	92
36) C140	1,2-Dichloropropane	5.11	63	381624	25.04	ug/L	99
37) C278	Dibromomethane	5.21	93	223124	24.96	ug/L	92
38) C130	Bromodichloromethane	5.30	83	493967	25.41	ug/L	96
39) C161	2-Chloroethylvinyl E	5.45	63	1361726	130.52	ug/L #	86
40) C012	Methylcycolhexane	5.06	83	738551	27.17	ug/L #	83

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5801.D
Acq On : 6 Jul 2010 14:49
Operator : TRB
Sample : T002985-CCV1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 06 15:05:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

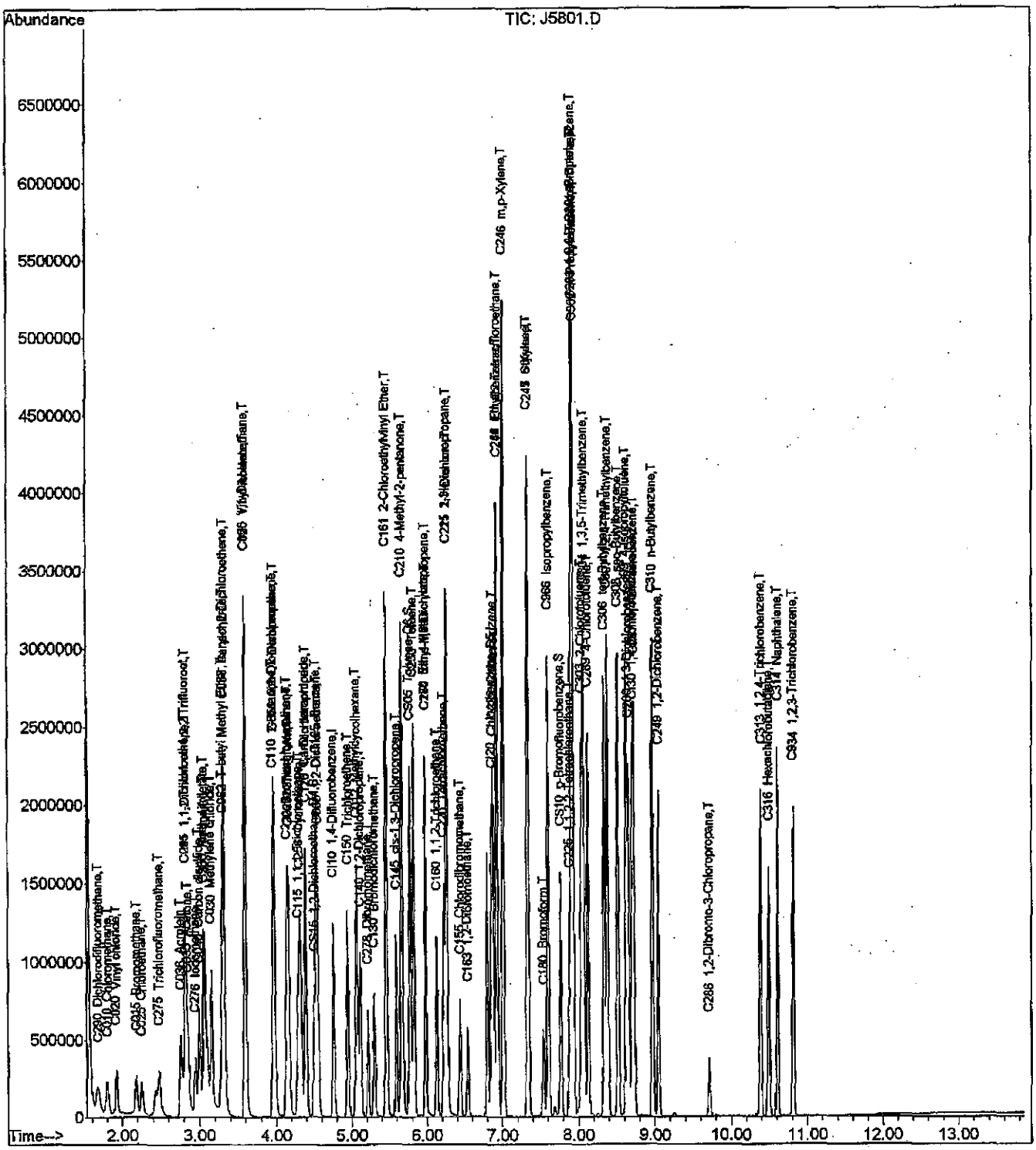
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	641653	25.87	ug/L		96
44)	C230	Toluene	5.82	92	1069384	25.57	ug/L		99
45)	C170	trans-1,3-Dichloropr	5.98	75	597970	25.72	ug/L		90
46)	C284	Ethyl Methacrylate	5.98	69	585704	26.24	ug/L	#	72
47)	C160	1,1,2-Trichloroethan	6.13	83	301480	25.22	ug/L		95
48)	C210	4-Methyl-2-pentanone	5.66	43	1977901	128.35	ug/L	#	82
49)	C220	Tetrachloroethene	6.22	166	430093	25.82	ug/L		97
50)	C221	1,3-Dichloropropane	6.25	76	619956	25.04	ug/L		98
51)	C155	Chlorodibromomethane	6.44	129	387781	25.57	ug/L		97
52)	C163	1,2-Dibromoethane	6.53	107	385179	25.56	ug/L		98
53)	C215	2-Hexanone	6.26	43	1462091	130.67	ug/L	#	82
54)	C235	Chlorobenzene	6.88	112	1097052	25.56	ug/L		98
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	367166	25.77	ug/L	#	82
56)	C240	Ethylbenzene	6.93	91	1966207	25.91	ug/L		95
57)	C246	m,p-Xylene	7.02	106	1612528	51.59	ug/L		90
58)	C247	o-Xylene	7.33	106	791000	25.90	ug/L		91
59)	C245	Styrene	7.34	104	1311979	25.80	ug/L		96
62)	C180	Bromoform	7.55	173	255118	25.27	ug/L		98
63)	C966	Isopropylbenzene	7.61	105	2070944	25.85	ug/L		98
64)	C301	Bromobenzene	7.91	156	482964	25.59	ug/L	#	62
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	511154	24.90	ug/L		98
66)	C282	1,2,3-Trichloropropa	7.92	110	151962	25.45	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	757552	132.79	ug/L	#	73
68)	C302	n-Propylbenzene	7.94	91	2490739	26.00	ug/L		97
69)	C303	2-Chlorotoluene	8.04	126	461985	25.23	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	478845	25.56	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	1743004	25.90	ug/L		98
72)	C306	tert-Butylbenzene	8.34	134	372457	25.54	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	1781825	25.77	ug/L		100
74)	C308	sec-Butylbenzene	8.52	105	2294550	26.28	ug/L		100
75)	C260	1,3-Dichlorobenzene	8.66	146	962445	25.36	ug/L		98
76)	C309	4-Isopropyltoluene	8.62	119	1863984	26.30	ug/L		93
77)	C267	1,4-Dichlorobenzene	8.73	146	978015	25.15	ug/L		93
78)	C249	1,2-Dichlorobenzene	9.05	146	923983	24.97	ug/L		99
79)	C310	n-Butylbenzene	8.97	91	1731726	26.14	ug/L		93
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	95702	24.54	ug/L	#	78
81)	C313	1,2,4-Trichlorobenze	10.39	180	651869	25.48	ug/L		100
82)	C316	Hexachlorobutadiene	10.49	225	311066	26.41	ug/L		99
83)	C314	Naphthalene	10.61	128	1911221	25.35	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	621686	24.90	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5801.D
Acq On : 6 Jul 2010 14:49
Operator : TRB
Sample : T002985-CCV1
Misc :
ALS Vial : 10 Sample Multiplier: 1

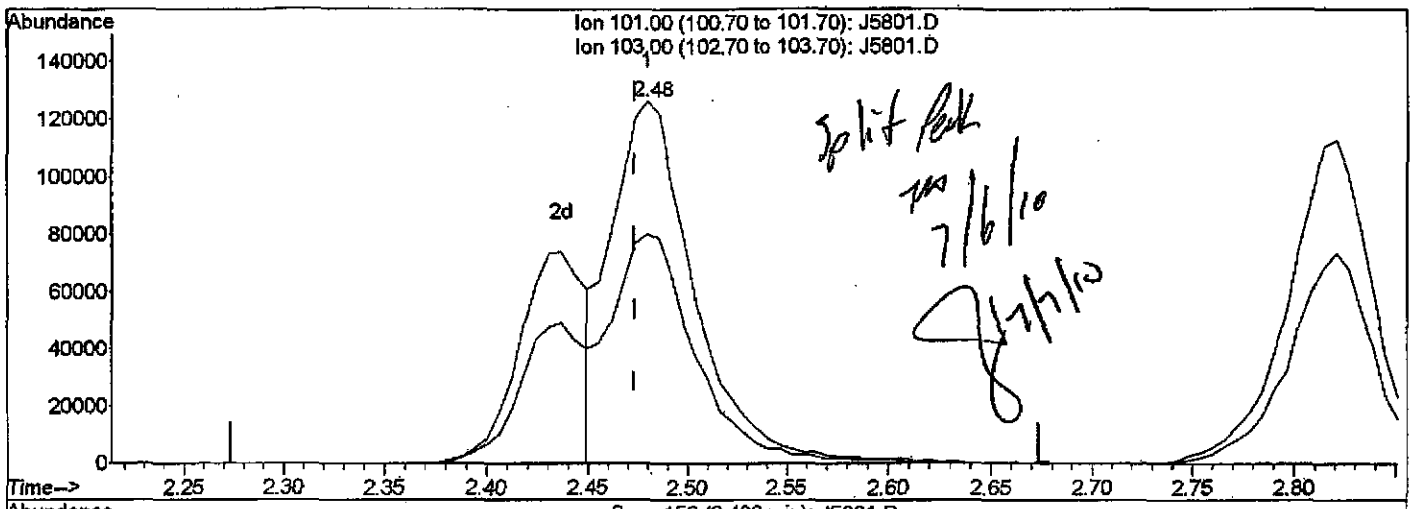
Quant Time: Jul 06 15:05:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

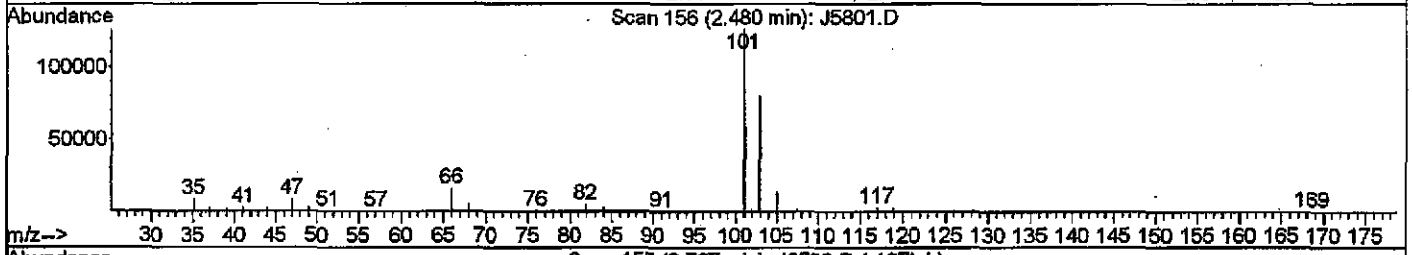


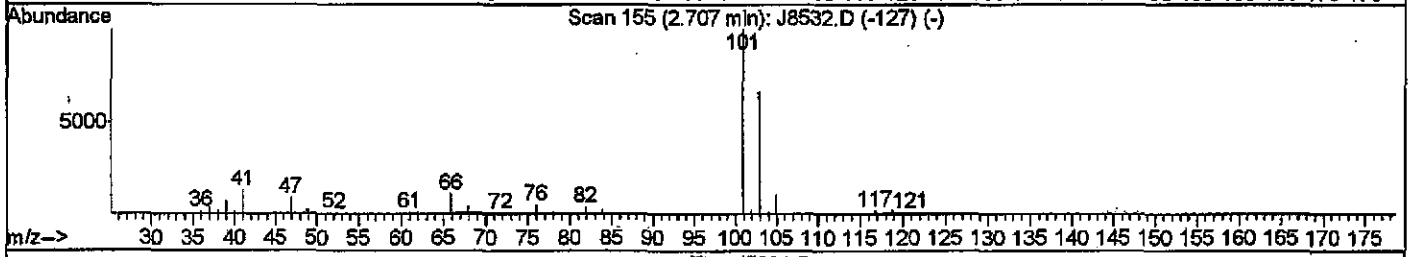
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5801.D
Acq On : 6 Jul 2010 14:49
Operator : TRB
Sample : T002985-CCV1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 06 15:05:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration







TIC: J5801.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.006) 18.03ug/L

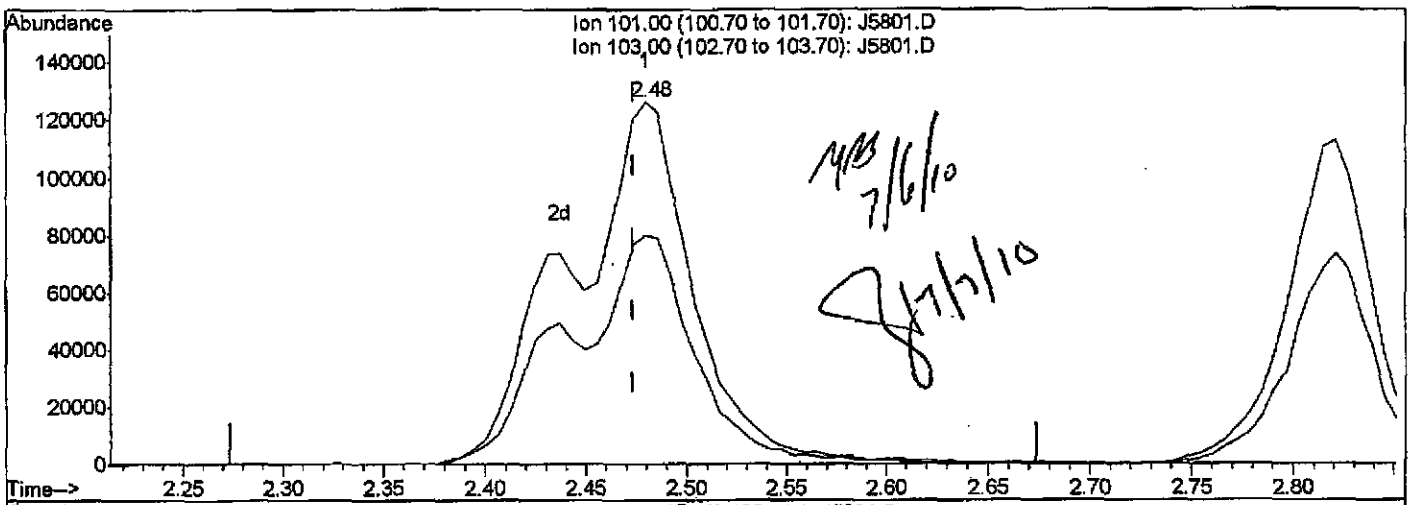
response 367493

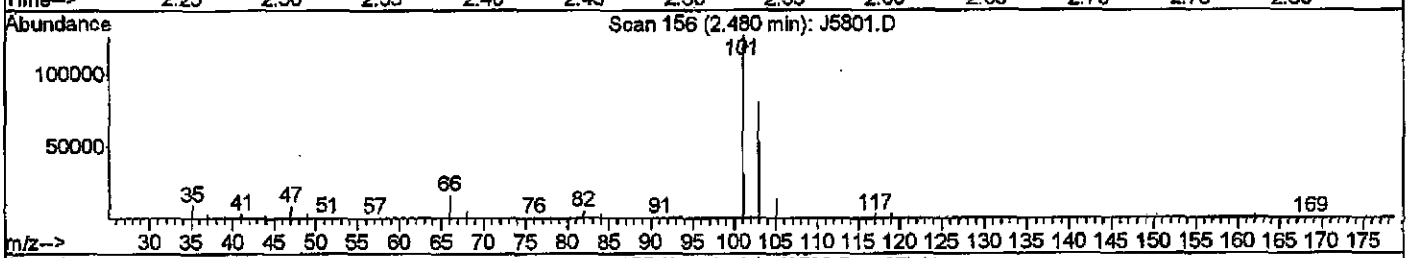
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.23
0.00	0.00	0.00
0.00	0.00	0.00

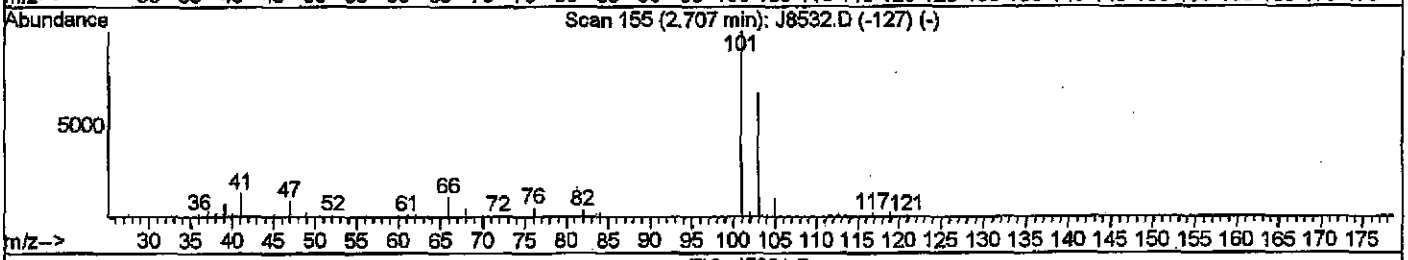
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5801.D
Acq On : 6 Jul 2010 14:49
Operator : TRB
Sample : T002985-CCV1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 06 15:05:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration







TIC: J5801.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.006) 26.29ug/L m

response 535999

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.23
0.00	0.00	0.00
0.00	0.00	0.00

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973J	Calibration:	R10G020
Lab File ID:	J5827.D	Calibration Date:	07/06/10 11:55
Sequence:	T002997	Injection Date:	07/07/10
Lab Sample ID:	T002997-CCV1	Injection Time:	09:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	25.5	0.5782041	0.5904692		2.1	100
1,1,2,2-Tetrachloroethane	A	25.0	24.3	1.015041	0.9871669	0.3	-2.7	100
1,1,2-Trichloroethane	A	25.0	24.2	0.3465519	0.3354758		-3.2	100
1,1,2-Trichlorotrifluoroethane	A	25.0	26.3	0.3223753	0.3396723		5.4	100
1,1-Dichloroethane	A	25.0	24.4	0.6756685	0.6606686	0.1	-2.2	100
1,1-Dichloroethene	A	25.0	25.7	0.3595302	0.3690073		2.6	20
1,2,4-Trichlorobenzene	A	25.0	24.4	1.264873	1.234103		-2.4	100
1,2-Dibromo-3-chloropropane	A	25.0	24.1	0.1928636	0.1857404		-3.7	100
1,2-Dibromoethane (EDB)	A	25.0	24.6	0.4369065	0.4301506		-1.5	100
1,2-Dichlorobenzene	A	25.0	24.4	1.830053	1.789175		-2.2	100
1,2-Dichloroethane	A	25.0	24.6	0.5327554	0.524752		-1.5	100
1,2-Dichloroethane-d4	A	25.0	24.1	0.4303091	0.4144066		-3.7	100
1,2-Dichloroethene, Total	A	50.0	51.6	15565.56	15982.6		2.7	100
1,2-Dichloropropane	A	25.0	24.7	0.4043927	0.3990197		-1.3	20
1,3-Dichlorobenzene	A	25.0	24.1	1.876572	1.811805		-3.5	100
1,4-Dichlorobenzene	A	25.0	24.3	1.922507	1.869594		-2.8	100
2-Butanone (MEK)	A	125	122	0.1930437	0.1886229		-2.3	100
2-Hexanone	A	125	122	0.324404	0.3172098		-2.2	100
4-Bromofluorobenzene	A	25.0	24.0	0.5141617	0.4926386		-4.2	100
4-Methyl-2-pentanone (MIBK)	A	125	122	0.4467522	0.4373918		-2.1	100
Acetone	A	125	120	0.1209077	0.1160781		-4.0	100
Benzene	A	25.0	25.2	1.677579	1.687477		0.6	100
Bromodichloromethane	A	25.0	24.7	0.5159398	0.5103445		-1.1	100
Bromoform	A	25.0	24.7	0.4992539	0.4939013	0.1	-1.1	100
Bromomethane	A	25.0	24.8	0.2072646	0.2058754		-0.7	100
Carbon disulfide	A	25.0	25.4	1.07929	1.095265		1.5	100
Carbon Tetrachloride	A	25.0	25.8	0.4814386	0.4961948		3.1	100
Chlorobenzene	A	25.0	24.5	1.244255	1.220657	0.3	-1.9	100
Chlorodibromomethane	A	25.0	24.9	0.4395942	0.4376194		-0.4	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973I	Calibration:	R10G020
Lab File ID:	I5827.D	Calibration Date:	07/06/10 11:55
Sequence:	T002997	Injection Date:	07/07/10
Lab Sample ID:	T002997-CCV1	Injection Time:	09:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroethane	A	25.0	25.6	0.2513153	0.2573977		2.4	100
Chloroform	A	25.0	25.4	0.6690413	0.6786564		1.4	20
Chloromethane	A	25.0	25.7	0.3038171	0.3126631	0.1	2.9	100
cis-1,2-Dichloroethene	A	25.0	25.7	0.4348428	0.446816		2.8	100
cis-1,3-Dichloropropene	A	25.0	24.9	0.6582845	0.6556158		-0.4	100
Cyclohexane	A	25.0	25.6	0.630793	0.6462934		2.5	100
Dichlorodifluoromethane	A	25.0	24.7	0.3998793	0.3956637		-1.1	100
Ethylbenzene	A	25.0	24.6	2.200273	2.163216		-1.7	20
Isopropylbenzene	A	25.0	24.8	3.96084	3.92192		-1.0	100
Methyl Acetate	A	25.0	24.2	0.3517586	0.3401146		-3.3	100
Methyl tert-Butyl Ether	A	25.0	25.5	1.240572	1.267263		2.2	100
Methylcyclohexane	A	25.0	26.3	0.7211773	0.7598879		5.4	100
Methylene Chloride	A	25.0	24.1	0.4503801	0.4340406		-3.6	100
Styrene	A	25.0	24.7	1.474521	1.457188		-1.2	100
Tetrachloroethene	A	25.0	24.6	0.482988	0.4756193		-1.5	100
Toluene	A	25.0	24.2	1.212324	1.171525		-3.4	20
Toluene-d8	A	25.0	24.5	1.66608	1.630967		-2.1	100
trans-1,2-Dichloroethene	A	25.0	25.9	0.4001123	0.4152286		3.8	100
trans-1,3-Dichloropropene	A	25.0	24.8	0.6741409	0.6696687		-0.7	100
Trichloroethene	A	25.0	25.2	0.4058736	0.408342		0.6	100
Trichlorofluoromethane	A	25.0	25.9	0.5409592	0.5601127		3.5	100
Vinyl chloride	A	25.0	26.8	0.3131243	0.3350629		7.0	20
Xylenes, total	A	75.0	73.4	0.899237	0.8795914		-2.2	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5827.D
Acq On : 7 Jul 2010 9:29
Operator : TRB
Sample : T002997-CCV1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 07 09:58:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

		Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.75	114	927017	25.00	ug/L		0.00 98.40%
42)	CI20	Chlorobenzene-D5	6.86	117	861317	25.00	ug/L		0.00 99.88%
61)	CI30	1,4-Dichlorobenzene-	8.71	152	500268	25.00	ug/L		0.00 98.95%
		System Monitoring Compounds							
30)	CS15	1,2-Dichloroethane-D	4.50	65	384162	24.08	ug/L		0.00
		Spiked Amount 25.000	Range 66 - 137		Recovery = 96.32%				
43)	CS05	Toluene-D8	5.77	98	1404780	24.47	ug/L		0.00
		Spiked Amount 25.000	Range 71 - 126		Recovery = 97.88%				
60)	CS10	p-Bromofluorobenzene	7.77	174	424318	23.95	ug/L		0.00
		Spiked Amount 25.000	Range 73 - 120		Recovery = 95.80%				
		Target Compounds							Qvalue
2)	C290	Dichlorodifluorometh	1.68	85	366787	24.74	ug/L		98
3)	C010	Chloromethane	1.80	50	289844	25.73	ug/L		98
4)	C020	Vinyl chloride	1.92	62	310609	26.75	ug/L		100
5)	C015	Bromomethane	2.19	94	190850	24.83	ug/L		100
6)	C025	Chloroethane	2.25	64	238612	25.61	ug/L		94
7)	C275	Trichlorofluorometha	2.47	101	519234m	25.89	ug/L		99
8)	C045	1,1-Dichloroethene	2.81	96	342076	25.66	ug/L	#	79
9)	C030	Methylene chloride	3.15	84	402363	24.09	ug/L		89
10)	C040	Carbon disulfide	2.99	76	1015329	25.37	ug/L		100
11)	C036	Acrolein	2.75	56	596210	586.43	ug/L		96
12)	C038	Acrylonitrile	3.31	53	728781	122.81	ug/L		99
13)	C035	Acetone	2.85	43	538032	120.01	ug/L		99
14)	C300	Acetonitrile	3.06	41	1821666	989.63	ug/L		96
15)	C276	Iodomethane	2.94	142	416444	25.17	ug/L		94
16)	C291	1,1,2 Trichloro-1,2,	2.81	101	314882	26.34	ug/L		92
17)	C962	T-butyl Methyl Ether	3.29	73	1174774	25.54	ug/L		98
18)	C057	trans-1,2-Dichloroet	3.31	96	384924	25.94	ug/L		94
19)	C255	Methyl Acetate	3.05	43	315292	24.17	ug/L		100
20)	C050	1,1-Dichloroethane	3.59	63	612451	24.44	ug/L		96
21)	C125	Vinyl Acetate	3.58	43	3702501	130.40	ug/L		97
22)	C051	2,2-Dichloropropane	3.97	77	510207	25.98	ug/L	#	42
23)	C056	cis-1,2-Dichloroethe	3.97	96	414206	25.69	ug/L		97
24)	C272	Tetrahydrofuran	4.15	42	583536	120.02	ug/L		97
25)	C222	Bromochloromethane	4.13	128	192379	24.64	ug/L		96
26)	C060	Chloroform	4.17	83	629126	25.36	ug/L		94
27)	C115	1,1,1-Trichloroethan	4.29	97	547375	25.53	ug/L		92
28)	C120	Carbon tetrachloride	4.39	117	459981	25.77	ug/L		99
29)	C116	1,1-Dichloropropene	4.38	75	505259	24.94	ug/L		98
31)	C165	Benzene	4.53	78	1564320	25.15	ug/L		98
32)	C065	1,2-Dichloroethane	4.55	62	486454	24.62	ug/L		97
33)	C110	2-Butanone	3.95	43	874283	122.14	ug/L		97
34)	C256	Cyclohexane	4.32	56	599125	25.61	ug/L	#	79
35)	C150	Trichloroethene	4.94	95	378540	25.15	ug/L		94
36)	C140	1,2-Dichloropropane	5.11	63	369898	24.67	ug/L		99
37)	C278	Dibromomethane	5.21	93	221742	25.21	ug/L		96
38)	C130	Bromodichloromethane	5.30	83	473098	24.73	ug/L		96
39)	C161	2-Chloroethylvinyl E	5.45	63	1309624	127.57	ug/L	#	86
40)	C012	Methylcycolhexane	5.06	83	704429	26.34	ug/L	#	83

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : JS827.D
Acq On : 7 Jul 2010 9:29
Operator : TRB
Sample : T002997-CCV1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 07 09:58:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

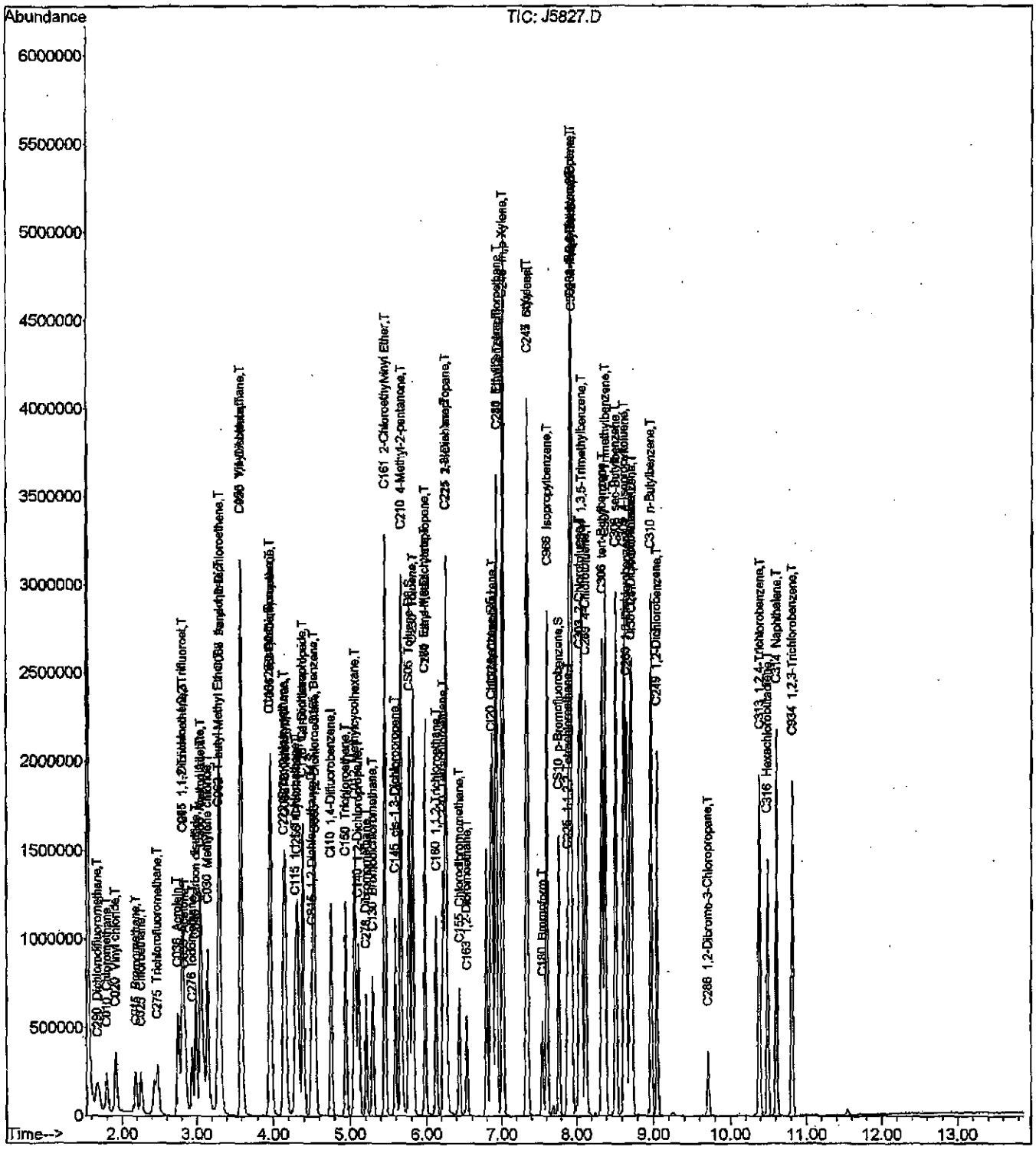
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloroprop	5.59	75	607767	24.90	ug/L		93
44) C230	Toluene	5.82	92	1009054	24.16	ug/L		99
45) C170	trans-1,3-Dichloropr	5.98	75	576797	24.83	ug/L		90
46) C284	Ethyl Methacrylate	5.98	69	559804	25.11	ug/L	#	73
47) C160	1,1,2-Trichloroethan	6.13	83	288951	24.20	ug/L		94
48) C210	4-Methyl-2-pentanone	5.66	43	1883665	122.38	ug/L	#	83
49) C220	Tetrachloroethene	6.22	166	409659	24.62	ug/L		97
50) C221	1,3-Dichloropropane	6.25	76	597731	24.17	ug/L		99
51) C155	Chlorodibromomethane	6.44	129	376929	24.89	ug/L		99
52) C163	1,2-Dibromoethane	6.53	107	370496	24.61	ug/L		98
53) C215	2-Hexanone	6.26	43	1366091	122.23	ug/L	#	81
54) C235	Chlorobenzene	6.87	112	1051373	24.53	ug/L		95
55) C281	1,1,1,2-Tetrachloroe	6.93	131	354863	24.93	ug/L		87
56) C240	Ethylbenzene	6.92	91	1863215	24.58	ug/L		97
57) C246	m,p-Xylene	7.01	106	1533266	49.11	ug/L		95
58) C247	o-Xylene	7.33	106	739555	24.25	ug/L		95
59) C245	Styrene	7.34	104	1255101	24.71	ug/L		97
62) C180	Bromoform	7.55	173	247083	24.73	ug/L		98
63) C966	Isopropylbenzene	7.61	105	1962011	24.75	ug/L		99
64) C301	Bromobenzene	7.91	156	455285	24.38	ug/L	#	58
65) C225	1,1,2,2-Tetrachloroe	7.88	83	493848	24.31	ug/L		98
66) C282	1,2,3-Trichloropropa	7.92	110	141578	23.96	ug/L		100
67) C283	t-1,4-Dichloro-2-But	7.91	53	648921	114.96	ug/L	#	71
68) C302	n-Propylbenzene	7.94	91	2332519	24.61	ug/L		97
69) C303	2-Chlorotoluene	8.04	126	433547	23.93	ug/L		100
70) C289	4-Chlorotoluene	8.12	126	448215	24.18	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.06	105	1654736	24.85	ug/L		98
72) C306	tert-Butylbenzene	8.34	134	349424	24.21	ug/L		100
73) C307	1,2,4-Trimethylbenze	8.38	105	1692532	24.74	ug/L		97
74) C308	sec-Butylbenzene	8.51	105	2170312	25.12	ug/L		97
75) C260	1,3-Dichlorobenzene	8.66	146	906388	24.14	ug/L		99
76) C309	4-Isopropyltoluene	8.62	119	1770344	25.25	ug/L		94
77) C267	1,4-Dichlorobenzene	8.73	146	935298	24.31	ug/L		94
78) C249	1,2-Dichlorobenzene	9.05	146	895067	24.44	ug/L		98
79) C310	n-Butylbenzene	8.97	91	1648274	25.15	ug/L		98
80) C286	1,2-Dibromo-3-Chloro	9.71	75	92920	24.08	ug/L	#	80
81) C313	1,2,4-Trichlorobenze	10.39	180	617382	24.39	ug/L		100
82) C316	Hexachlorobutadiene	10.49	225	293515	25.18	ug/L		100
83) C314	Naphthalene	10.60	128	1777223	23.82	ug/L		100
84) C934	1,2,3-Trichlorobenze	10.81	180	581851	23.55	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5827.D
Acq On : 7 Jul 2010 9:29
Operator : TRB
Sample : T002997-CCV1
Misc :
ALS Vial : 1 Sample Multiplier: 1

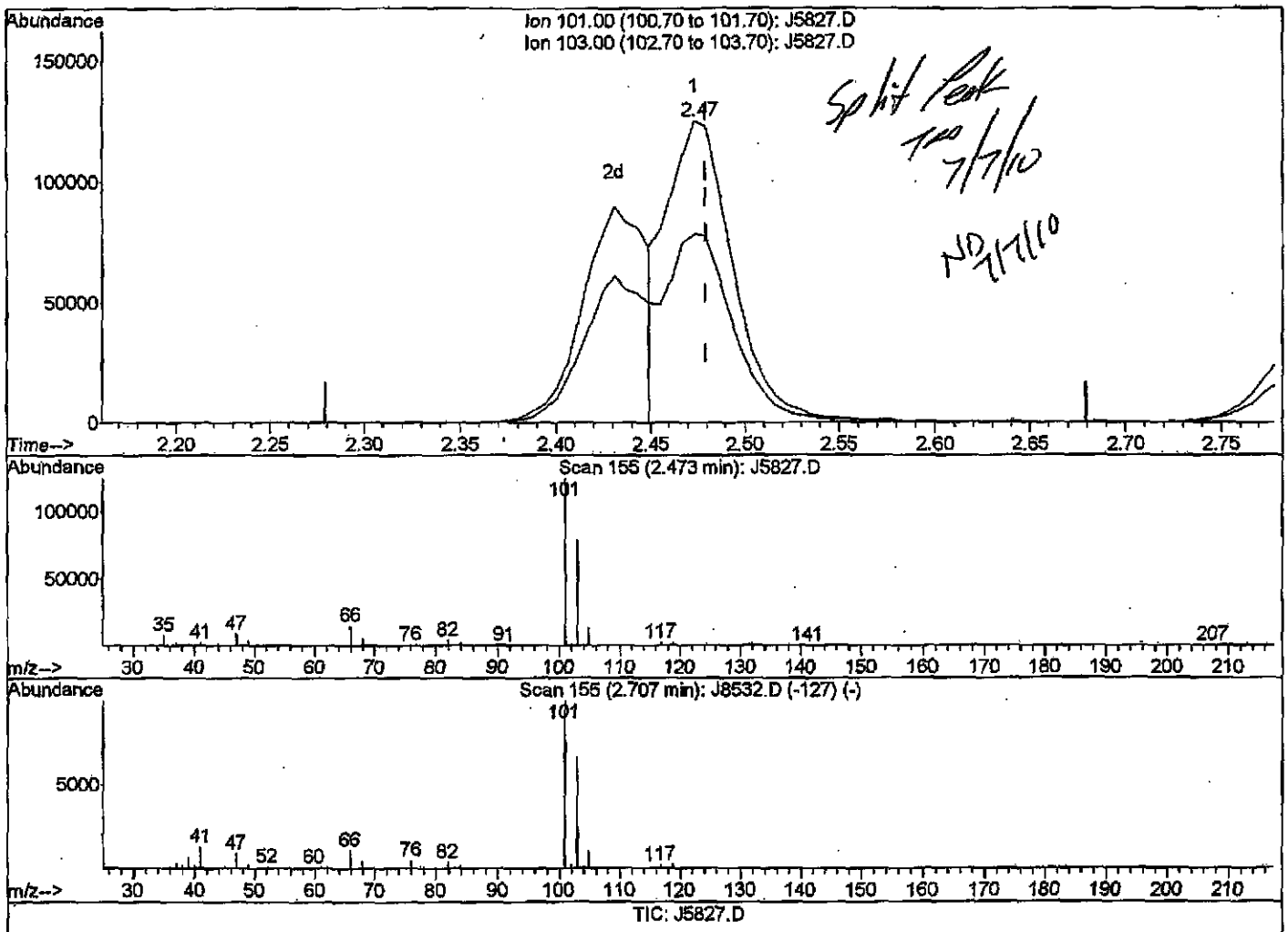
Quant Time: Jul 07 09:58:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5827.D
Acq On : 7 Jul 2010 9:29
Operator : TRB
Sample : T002997-CCV1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 07 09:57:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



TIC: J5827.D

(7) C275 Trichlorofluoromethane (T)

2.47min (-0.006) 15.35ug/L

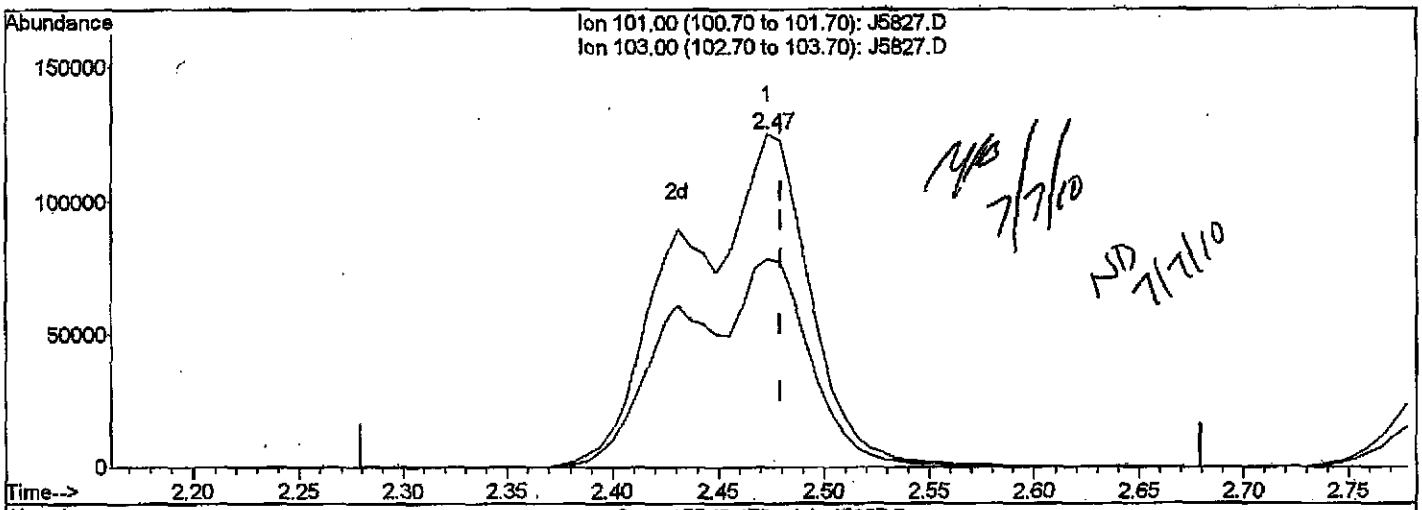
response 307825

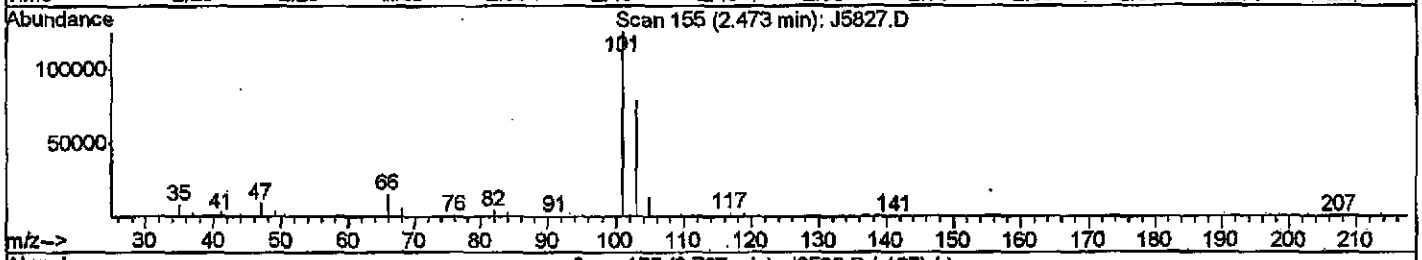
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.44
0.00	0.00	0.00
0.00	0.00	0.00

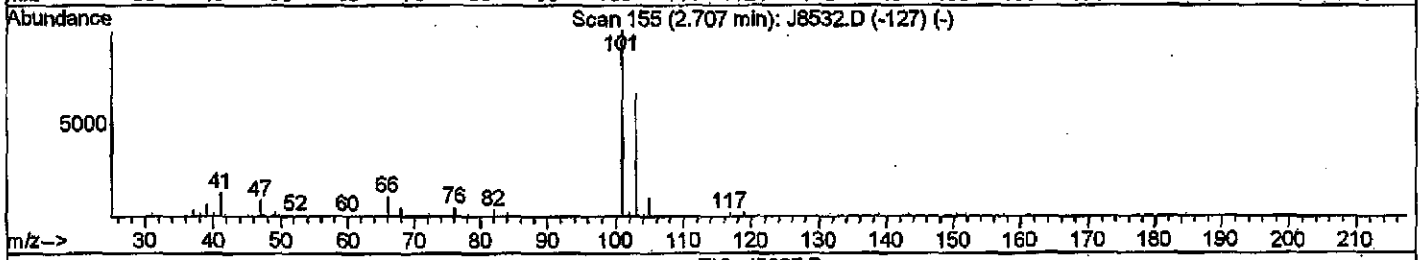
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5827.D
Acq On : 7 Jul 2010 9:29
Operator : TRB
Sample : T002997-CCV1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 07 09:57:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration







TIC: J5827.D

(7) C275 Trichlorofluoromethane (T)

2.47min (-0.006) 25.89ug/L m

response 519234

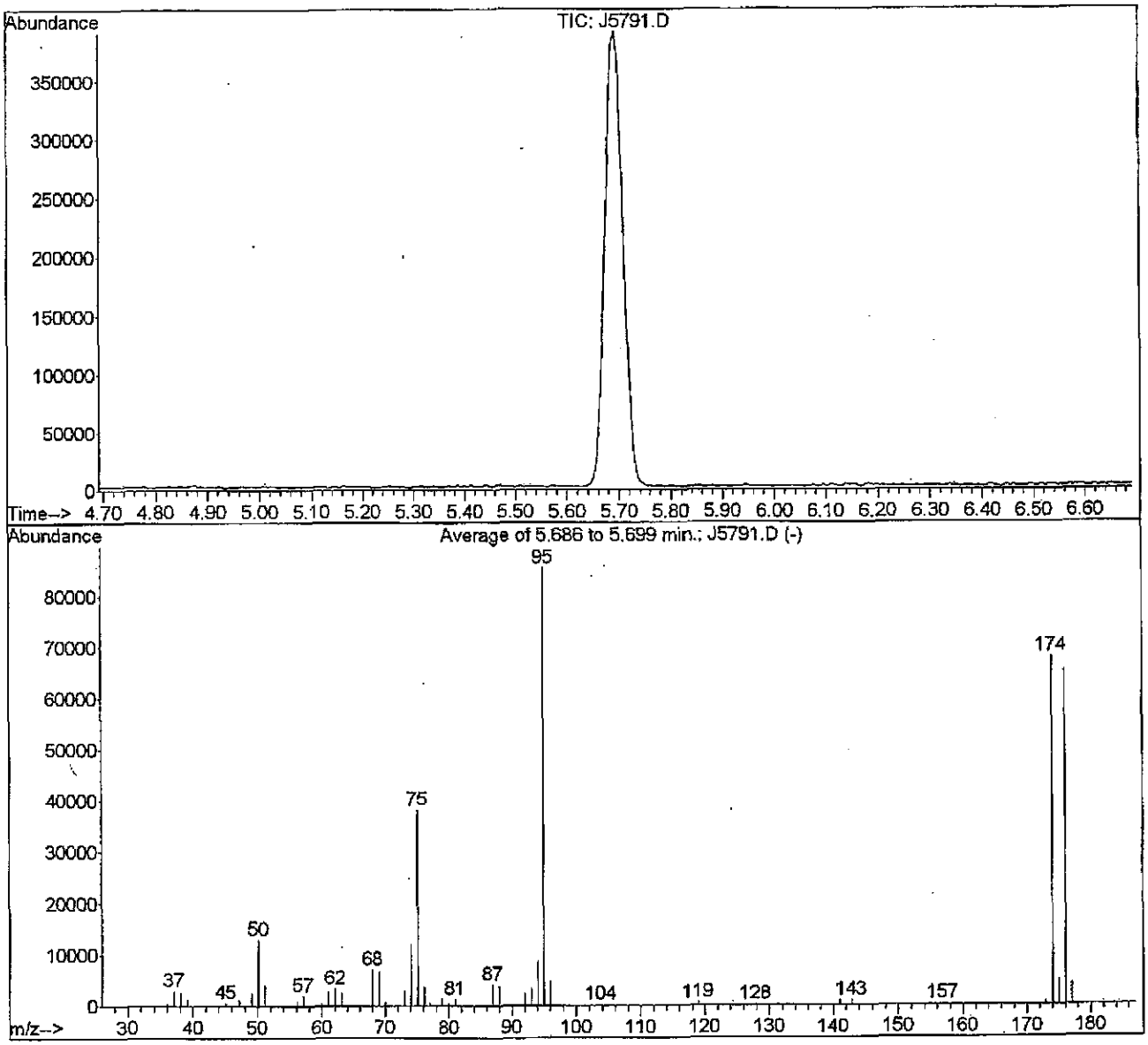
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.44
0.00	0.00	0.00
0.00	0.00	0.00

BFB Tune Evaluation

Data File : H:\GCMS_VOA\J\070610\J5791.D
Acq On : 6 Jul 2010 10:13
Sample : T002973-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: TRB
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 560 (5.69 min)
Average of 3 scans: 559,560,561 minus background scan 540 (5.57 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	12967	PASS
75	95	30	60	44.7	38197	PASS
95	95	100	100	100.0	85360	PASS
96	95	5	9	5.6	4816	PASS
173	174	0	2	1.0	673	PASS
174	95	50	100	79.6	67906	PASS
175	174	5	9	6.9	4704	PASS
176	174	95	101	96.2	65314	PASS
177	176	5	9	6.4	4168	PASS

J5791.D R10G020.M Tue Jul 06 10:21:12 2010

Average of 5.686 to 5.699 min.: J5791.D
T002973-TUN1
Modified:subtracted

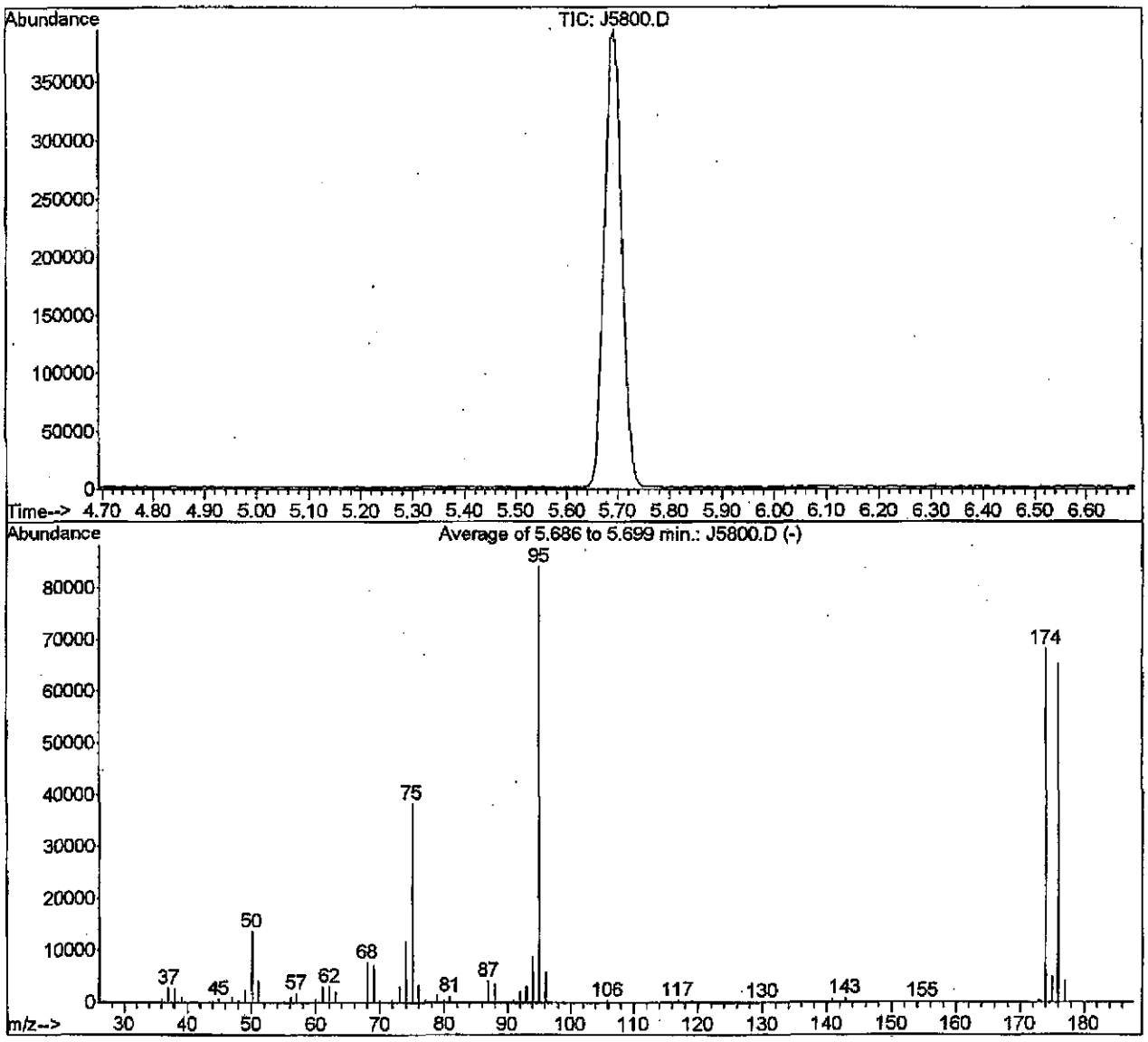
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	537	60.00	597	77.00	573	141.00	830
37.10	2979	61.00	2872	78.95	1379	142.85	890
38.10	2562	62.05	3407	81.00	1333	172.95	673
39.10	1317	63.05	2586	87.00	4231	174.00	67906
45.05	574	68.00	7163	88.00	3758	174.95	4704
47.05	1159	69.05	6720	92.00	2266	176.00	65314
49.05	2652	70.05	610	93.00	3273	177.00	4168
50.10	12967	73.00	2978	94.05	8689		
51.10	4035	74.10	12023	95.05	85360		
56.10	913	75.10	38197	96.00	4816		
57.10	1973	76.10	3734	118.95	619		

BFB Tune Evaluation

Data File : H:\GCMS_VOA\J\070610\J5800.D
Acq On : 6 Jul 2010 14:37
Sample : T002985-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 9
Operator: TRB
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 560 (5.69 min)
Average of 3 scans: 559,560,561 minus background scan 540 (5.57 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.2	13621	PASS
75	95	30	60	45.6	38402	PASS
95	95	100	100	100.0	84208	PASS
96	95	5	9	6.9	5810	PASS
173	174	0	2	0.6	434	PASS
174	95	50	100	81.1	68277	PASS
175	174	5	9	7.2	4925	PASS
176	174	95	101	95.5	65221	PASS
177	176	5	9	6.5	4225	PASS

J5800.D R10G020.M Tue Jul 06 14:44:57 2010

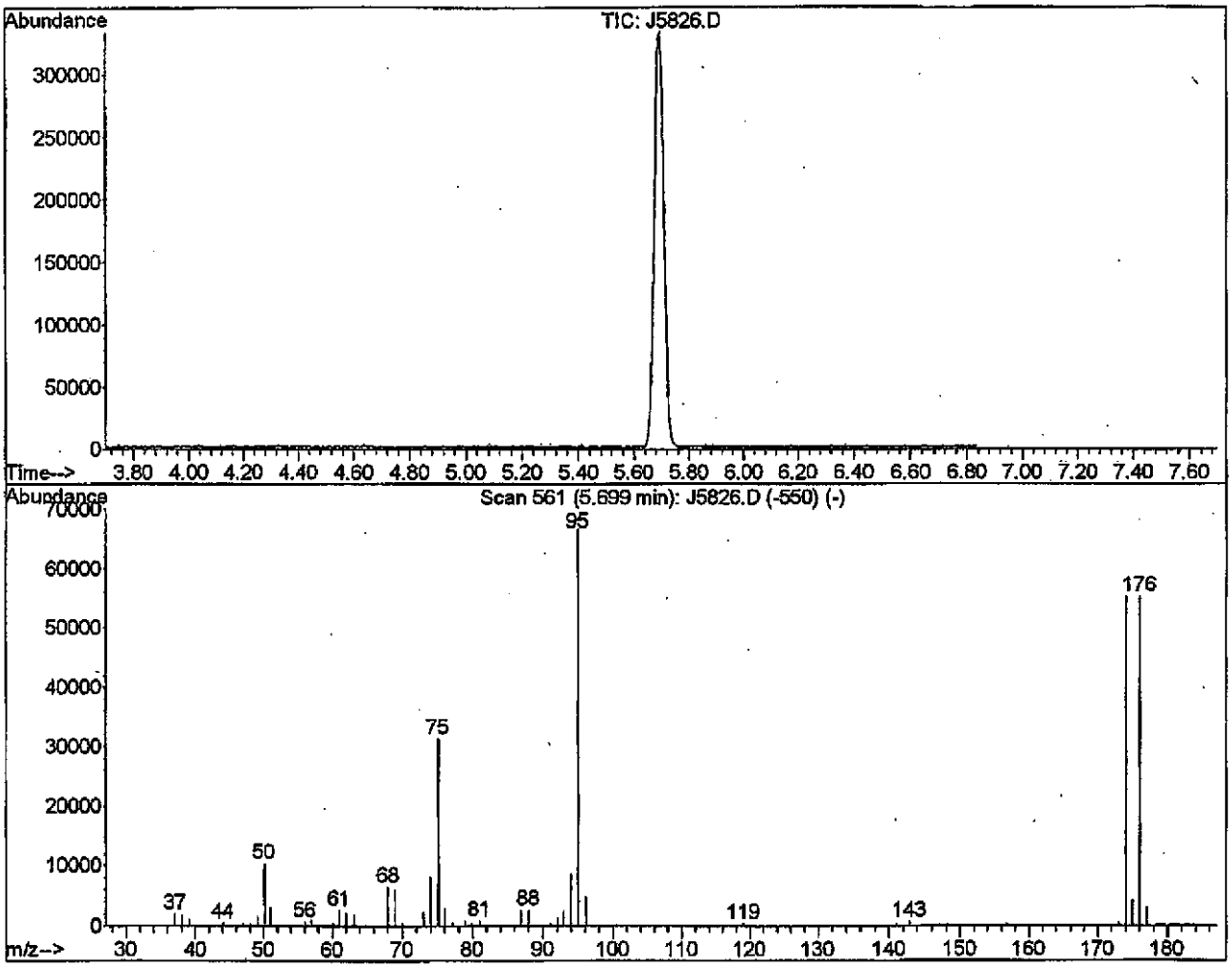
Average of 5.686 to 5.699 min.: J5800.D
T002985-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	690	57.00	1783	76.05	3340	96.05	5810
37.10	2772	59.95	619	78.90	1273	105.90	431
38.10	2625	61.05	3043	79.95	522	116.90	513
39.10	1092	62.05	3062	80.90	1203	119.05	458
45.00	735	63.10	2059	87.00	4132	140.85	598
47.05	1032	68.05	7650	88.00	3581	142.90	788
48.05	442	69.05	7208	90.95	447	172.95	434
49.05	2283	72.00	539	92.00	2168	174.00	68277
50.10	13621	73.05	3135	93.05	3107	175.00	4925
51.10	4160	74.00	11541	94.05	8840	176.00	65221
56.05	1067	75.05	38402	95.05	84208	177.00	4225

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5826.D
Acq On : 7 Jul 2010 9:16
Operator : TRB
Sample : T002997-TUN1
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Title : 8260 5ML WATER
Last Update : Wed Jul 07 08:35:56 2010



Spectrum Information: Scan 561

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	10383	PASS
75	95	30	60	47.0	31328	PASS
95	95	100	100	100.0	66672	PASS
96	95	5	9	7.2	4823	PASS
173	174	0.00	2	0.9	514	PASS
174	95	50	100	82.8	55232	PASS
175	174	5	9	7.5	4170	PASS
176	174	95	101	100.1	55280	PASS
177	176	5	9	5.4	3001	PASS

Scan 561 (5.699 min): J5826.D (-550)
T002997-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	1984	57.00	966	76.10	2966	95.00	66672
38.10	1726	60.10	468	77.20	564	96.10	4823
39.10	1082	61.00	2689	78.90	769	119.10	366
40.00	17	62.00	2066	79.80	374	141.00	450
44.05	553	63.10	1790	81.00	819	142.90	692
47.00	368	68.00	6469	86.90	2629	173.00	514
48.10	390	69.00	5918	88.00	2655	174.00	55232
49.10	1652	70.00	395	91.10	355	175.00	4170
50.10	10383	73.00	2240	92.10	1319	176.00	55280
51.00	3099	74.00	8016	93.00	2406	177.00	3001
56.10	724	75.10	31328	94.00	8464		

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-BLK1 File ID: J5803.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 15:33

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-BLK1 File ID: J5803.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 15:33

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.4	94	66 - 137	
4-Bromofluorobenzene	25.0	24.4	98	73 - 120	
Toluene-d8	25.0	25.1	100	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	488852	8.71	505586	8.71	
1,4-Difluorobenzene	930573	4.75	942126	4.75	
Chlorobenzene-d5	841969	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5803.D
Acq On : 6 Jul 2010 15:33
Operator : TRB
Sample : 10G0253-BLK1
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 06 16:16:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration

	Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	930573	25.00 ug/L	0.00 98.77%
42) CI20	Chlorobenzene-D5	6.86	117	841969	25.00 ug/L	0.00 97.64%
61) CI30	1,4-Dichlorobenzene-	8.71	152	488852	25.00 ug/L	0.00 96.69%

	System Monitoring Compounds					
30) CS15	1,2-Dichloroethane-D	4.50	65	375272	23.43 ug/L	0.00
Spiked Amount	25.000	Range 66 - 137		Recovery =	93.72%	
43) CS05	Toluene-D8	5.77	98	1407927	25.09 ug/L	0.00
Spiked Amount	25.000	Range 71 - 126		Recovery =	100.36%	
60) CS10	p-Bromofluorobenzene	7.76	174	423445	24.45 ug/L	0.00
Spiked Amount	25.000	Range 73 - 120		Recovery =	97.80%	

	Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.82	50	251	N.D.	
4) C020	Vinyl chloride	1.89	62	418	N.D.	
5) C015	Bromomethane	2.18	94	347	N.D.	
6) C025	Chloroethane	2.26	64	100	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.15	84	2671	N.D.	
10) C040	Carbon disulfide	2.99	76	1010	N.D.	
11) C036	Acrolein	2.79	56	12624	12.37 ug/L #	58
12) C038	Acrylonitrile	3.32	53	386	N.D.	
13) C035	Acetone	2.87	43	4711	N.D.	
14) C300	Acetonitrile	3.07	41	9488	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	3.30	73	89	N.D.	
18) C057	trans-1,2-Dichloro	3.32	96	153	N.D.	
19) C255	Methyl Acetate	3.06	43	1435	N.D.	
20) C050	1,1-Dichloroethane	3.60	63	75	N.D.	
21) C125	Vinyl Acetate	3.60	43	478	N.D.	
22) C051	2,2-Dichloropropan	3.96	77	251	N.D.	
23) C056	cis-1,2-Dichloroet	3.98	96	102	N.D.	
24) C272	Tetrahydrofuran	4.16	42	1903	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	4.17	83	1684	N.D.	
27) C115	1,1,1-Trichloroeth	4.35	97	117	N.D.	
28) C120	Carbon tetrachlori	4.38	117	89	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
31) C165	Benzene	4.54	78	384	N.D.	
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
33) C110	2-Butanone	3.97	43	1970	N.D.	
34) C256	Cyclohexane	4.31	56	157	N.D.	
35) C150	Trichloroethene	0.00	95	0	N.D.	
36) C140	1,2-Dichloropropan	5.12	63	81	N.D.	
37) C278	Dibromomethane	5.24	93	154	N.D.	
38) C130	Bromodichlorometha	0.00	83	0	N.D.	
39) C161	2-Chloroethylvinyl	5.52	63	86	N.D.	
40) C012	Methylcycolhexane	5.05	83	175	N.D.	

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5803.D
Acq On : 6 Jul 2010 15:33
Operator : TRB
Sample : 10G0253-BLK1
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 06 16:16:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration

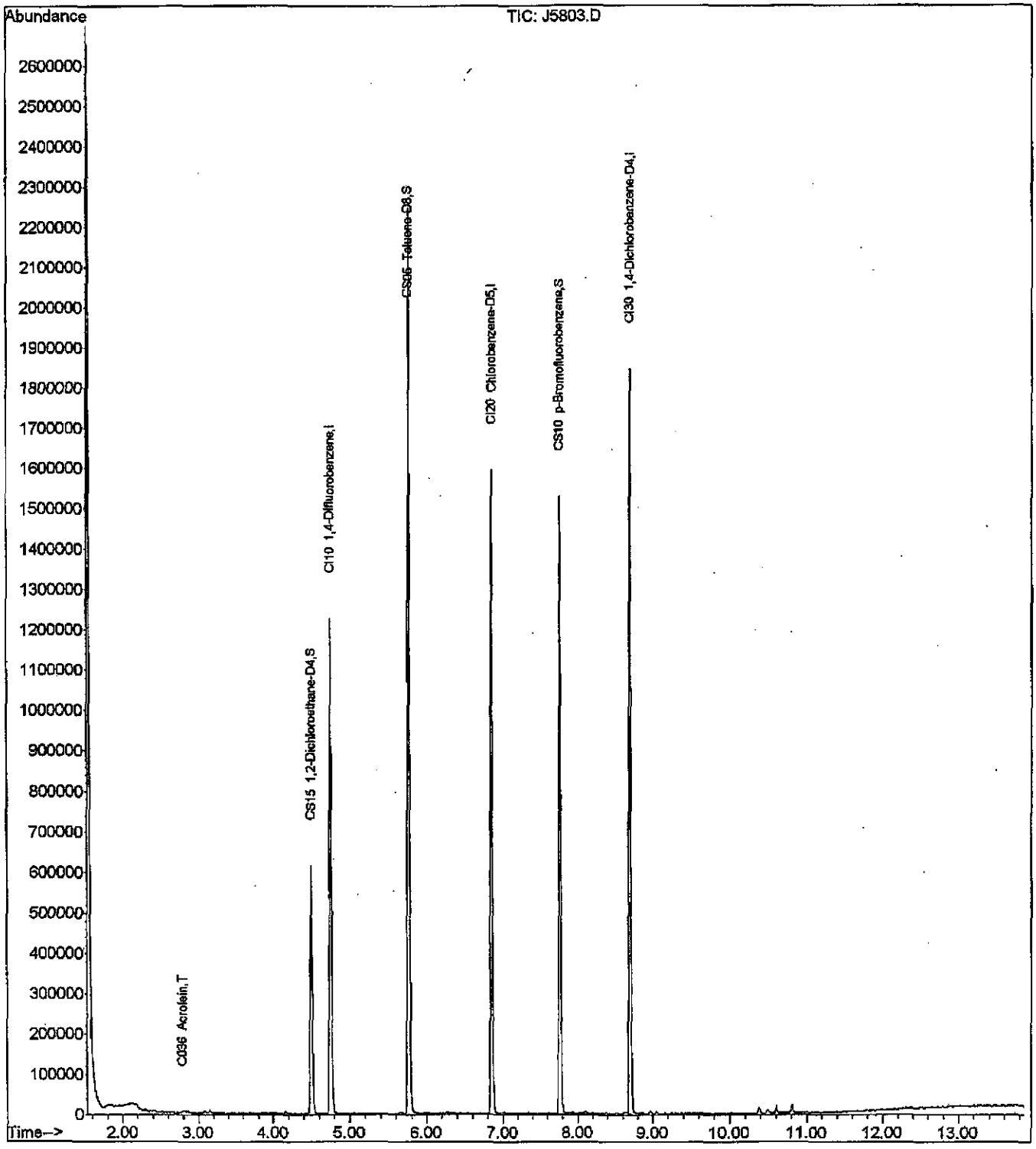
Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloropr	5.58	75	94	N.D.	
44)	C230	Toluene	5.81	92	1845	N.D.	
45)	C170	trans-1,3-Dichloro	5.98	75	114	N.D.	
46)	C284	Ethyl Methacrylate	5.99	69	292	N.D.	
47)	C160	1,1,2-Trichloroeth	6.17	83	87	N.D.	
48)	C210	4-Methyl-2-pentano	5.67	43	2663	N.D.	
49)	C220	Tetrachloroethene	0.00	166	0	N.D.	
50)	C221	1,3-Dichloropropan	6.24	76	73	N.D.	
51)	C155	Chlorodibromometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	6.47	107	74	N.D.	
53)	C215	2-Hexanone	6.27	43	3746	N.D.	
54)	C235	Chlorobenzene	6.89	112	480	N.D.	
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	6.92	91	1109	N.D.	
57)	C246	m,p-Xylene	7.01	106	864	N.D.	
58)	C247	o-Xylene	7.33	106	249	N.D.	
59)	C245	Styrene	7.35	104	1160	N.D.	
62)	C180	Bromoform	7.62	173	94	N.D.	
63)	C966	Isopropylbenzene	7.61	105	1061	N.D.	
64)	C301	Bromobenzene	7.90	156	344	N.D.	
65)	C225	1,1,2,2-Tetrachlor	7.87	83	164	N.D.	
66)	C282	1,2,3-Trichloropro	7.77	110	76	N.D.	
67)	C283	t-1,4-Dichloro-2-B	7.91	53	208	N.D.	
68)	C302	n-Propylbenzene	7.94	91	2126	N.D.	
69)	C303	2-Chlorotoluene	8.05	126	101	N.D.	
70)	C289	4-Chlorotoluene	8.12	126	567	N.D.	
71)	C304	1,3,5-Trimethylben	8.07	105	1188	N.D.	
72)	C306	tert-Butylbenzene	8.34	134	371	N.D.	
73)	C307	1,2,4-Trimethylben	8.38	105	1560	N.D.	
74)	C308	sec-Butylbenzene	8.52	105	2158	N.D.	
75)	C260	1,3-Dichlorobenzen	8.65	146	1132	N.D.	
76)	C309	4-Isopropyltoluene	8.62	119	3539	N.D.	
77)	C267	1,4-Dichlorobenzen	8.73	146	1550	N.D.	
78)	C249	1,2-Dichlorobenzen	9.05	146	1207	N.D.	
79)	C310	n-Butylbenzene	8.97	91	3139	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	9.72	75	349	N.D.	
81)	C313	1,2,4-Trichloroben	10.39	180	5010	N.D.	
82)	C316	Hexachlorobutadien	10.49	225	1842	N.D.	
83)	C314	Naphthalene	10.61	128	13927	N.D.	
84)	C934	1,2,3-Trichloroben	10.81	180	5560	N.D.	

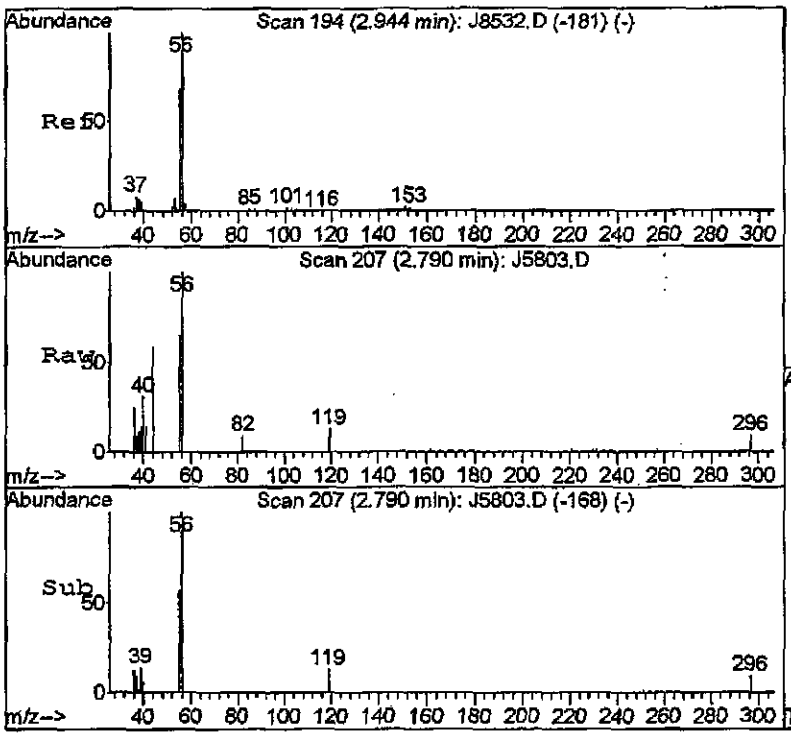
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5803.D
Acq On : 6 Jul 2010 15:33
Operator : TRB
Sample : 10G0253-BLK1
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 06 16:16:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration

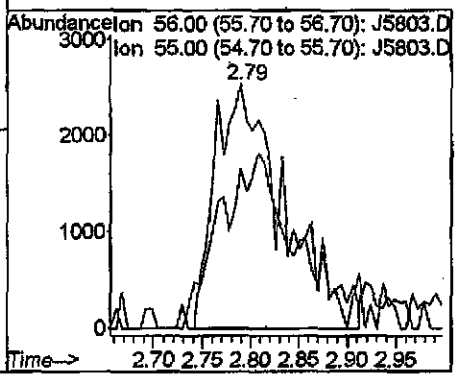




#11
C036 Acrolein
Concen: 12.37 ug/L
RT: 2.79 min Scan# 207
Delta R.T. 0.04 min
Lab File: J5803.D
Acq: 6 Jul 2010 15:33

Tgt Ion: 56 Resp: 12624

Ion	Ratio	Lower	Upper
56	100		
55	38.0	58.7	88.1#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0303-BLK1 File ID: J5829.D

Sampled: Prepared: 07/07/10 08:51 Analyzed: 07/07/10 10:14

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0303 Sequence: T002997 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0303-BLK1 File ID: J5829.D

Sampled: Prepared: 07/07/10 08:51 Analyzed: 07/07/10 10:14

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0303 Sequence: T002997 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	23.7	95	73 - 120	
Toluene-d8	25.0	24.0	96	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	489390	8.71	500268	8.71	
1,4-Difluorobenzene	947366	4.75	927017	4.75	
Chlorobenzene-d5	859345	6.86	861317	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5829.D
Acq On : 7 Jul 2010 10:14
Operator : TRB
Sample : 10G0303-BLK1
Misc :
ALS Vial : 3 Sample Multiplier: 1

16 TICS

SAS 7/7/10

Quant Time: Jul 07 10:31:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	947366	25.00	ug/L	0.00 102.20%
42) CI20	Chlorobenzene-D5	6.86	117	859345	25.00	ug/L	0.00 99.77%
61) CI30	1,4-Dichlorobenzene-	8.71	152	489390	25.00	ug/L	0.00 97.83%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.50	65	374213	22.95	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	91.80%	
43) CS05	Toluene-D8	5.77	98	1373940	23.99	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	95.96%	
60) CS10	p-Bromofluorobenzene	7.77	174	418980	23.71	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	94.84%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.79	50	237	N.D.		
4) C020	Vinyl chloride	1.92	62	252	N.D.		
5) C015	Bromomethane	2.19	94	86	N.D.		
6) C025	Chloroethane	2.27	64	176	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.80	96	73	N.D.		
9) C030	Methylene chloride	3.16	84	4657	N.D.		
10) C040	Carbon disulfide	3.00	76	1048	N.D.		
11) C036	Acrolein	2.80	56	12279	11.82	ug/L	92
12) C038	Acrylonitrile	3.31	53	467	N.D.		
13) C035	Acetone	2.87	43	3057	N.D.		
14) C300	Acetonitrile	3.08	41	9866	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.36	96	113	N.D.		
19) C255	Methyl Acetate	3.04	43	74	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.58	43	178	N.D.		
22) C051	2,2-Dichloropropan	3.95	77	183	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	4.16	42	1942	N.D.		
25) C222	Bromochloromethane	4.15	128	82	N.D.		
26) C060	Chloroform	4.17	83	1760	N.D.		
27) C115	1,1,1-Trichloroeth	4.29	97	78	N.D.		
28) C120	Carbon tetrachlori	4.40	117	191	N.D.		
29) C116	1,1-Dichloropropen	4.29	75	76	N.D.		
31) C165	Benzene	4.51	78	79	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.98	43	2007	N.D.		
34) C256	Cyclohexane	4.28	56	119	N.D.		
35) C150	Trichloroethene	0.00	95	0	N.D.		
36) C140	1,2-Dichloropropan	5.11	63	116	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.24	83	109	N.D.		
39) C161	2-Chloroethylvinyl	5.45	63	323	N.D.		
40) C012	Methylcycolhexane	5.06	83	465	N.D.		

MS

7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5829.D
Acq On : 7 Jul 2010 10:14
Operator : TRB
Sample : 10G0303-BLK1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 07 10:31:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloropr	5.55	75	89	N.D.	
44)	C230	Toluene	5.83	92	867	N.D.	
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46)	C284	Ethyl Methacrylate	5.98	69	554	N.D.	
47)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48)	C210	4-Methyl-2-pentano	5.67	43	2690	N.D.	
49)	C220	Tetrachloroethene	0.00	166	0	N.D.	
50)	C221	1,3-Dichloropropan	6.32	76	73	N.D.	
51)	C155	Chlorodibromometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53)	C215	2-Hexanone	6.27	43	3787	N.D.	
54)	C235	Chlorobenzene	6.88	112	442	N.D.	
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	6.93	91	1373	N.D.	
57)	C246	m,p-Xylene	7.02	106	846	N.D.	
58)	C247	o-Xylene	7.32	106	233	N.D.	
59)	C245	Styrene	7.34	104	593	N.D.	
62)	C180	Bromoform	0.00	173	0	N.D.	
63)	C966	Isopropylbenzene	7.61	105	967	N.D.	
64)	C301	Bromobenzene	7.90	156	362	N.D.	
65)	C225	1,1,2,2-Tetrachlor	7.77	83	92	N.D.	
66)	C282	1,2,3-Trichloropro	7.93	110	92	N.D.	
67)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68)	C302	n-Propylbenzene	7.94	91	1841	N.D.	
69)	C303	2-Chlorotoluene	8.05	126	114	N.D.	
70)	C289	4-Chlorotoluene	8.12	126	90	N.D.	
71)	C304	1,3,5-Trimethylben	8.07	105	775	N.D.	
72)	C306	tert-Butylbenzene	8.34	134	185	N.D.	
73)	C307	1,2,4-Trimethylben	8.38	105	1847	N.D.	
74)	C308	sec-Butylbenzene	8.51	105	1978	N.D.	
75)	C260	1,3-Dichlorobenzen	8.66	146	1273	N.D.	
76)	C309	4-Isopropyltoluene	8.62	119	2218	N.D.	
77)	C267	1,4-Dichlorobenzen	8.73	146	1042	N.D.	
78)	C249	1,2-Dichlorobenzen	9.05	146	925	N.D.	
79)	C310	n-Butylbenzene	8.97	91	2949	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	9.71	75	93	N.D.	
81)	C313	1,2,4-Trichloroben	10.39	180	5811	N.D.	
82)	C316	Hexachlorobutadien	10.49	225	2711	N.D.	
83)	C314	Naphthalene	10.61	128	18775	N.D.	
84)	C934	1,2,3-Trichloroben	10.81	180	7760	N.D.	

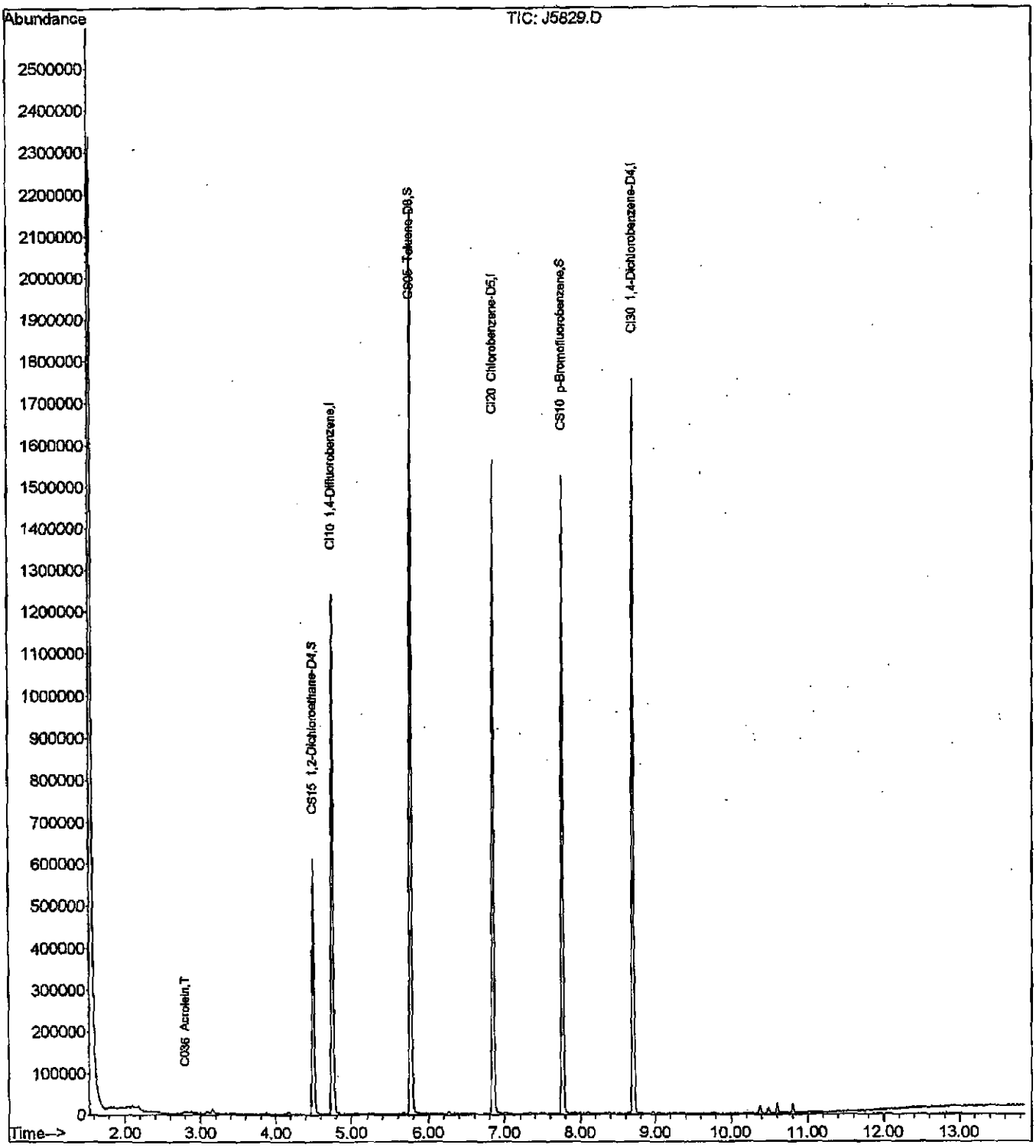
(#) = qualifier out of range (m) = manual integration (+) = signals summed

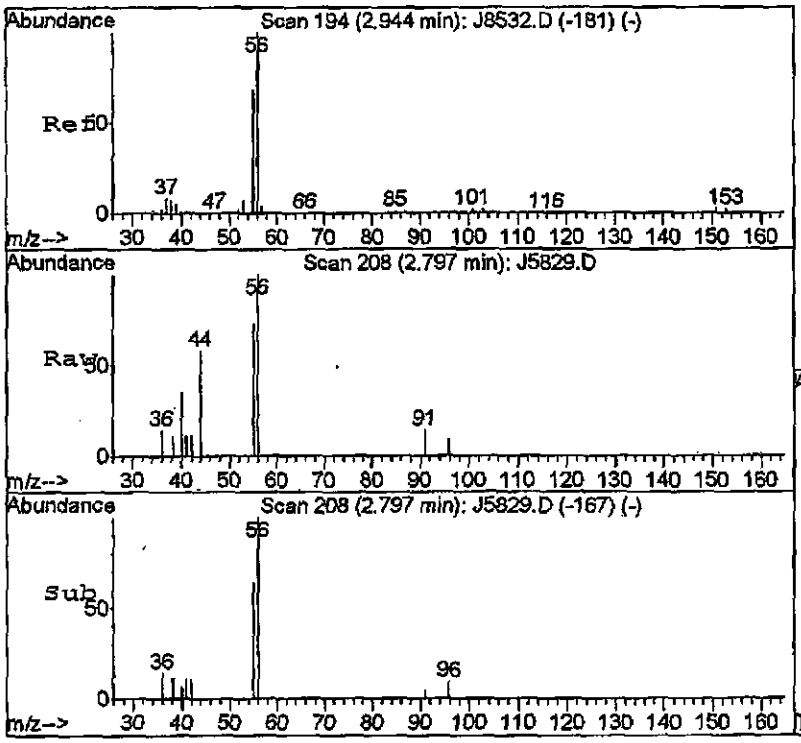
7/12/2010

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5829.D
Acq On : 7 Jul 2010 10:14
Operator : TRB
Sample : 10G0303-BLK1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 07 10:31:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

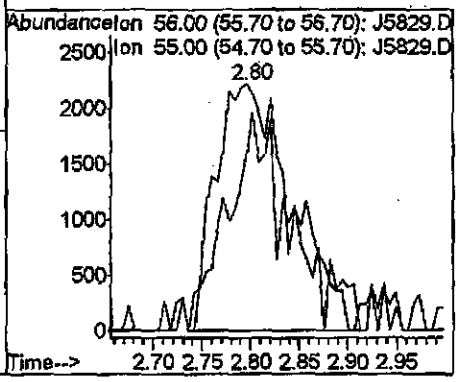




#11
C036 Acrolein
Concen: 11.82 ug/L
RT: 2.80 min Scan# 208
Delta R.T. 0.05 min
Lab File: J5829.D
Acq: 7 Jul 2010 10:14

Tgt Ion: 56 Resp: 12279

Ion	Ratio	Lower	Upper
56	100		
55	66.9	58.7	88.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-BS1 File ID: J5802.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 15:11

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	24.8	
79-34-5	1,1,2,2-Tetrachloroethane	1	25.0	
79-00-5	1,1,2-Trichloroethane	1	24.9	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	25.9	
75-34-3	1,1-Dichloroethane	1	24.5	
75-35-4	1,1-Dichloroethene	1	24.8	
120-82-1	1,2,4-Trichlorobenzene	1	25.2	
96-12-8	1,2-Dibromo-3-chloropropane	1	25.0	
106-93-4	1,2-Dibromoethane (EDB)	1	25.2	
95-50-1	1,2-Dichlorobenzene	1	24.7	
107-06-2	1,2-Dichloroethane	1	24.8	
540-59-0	1,2-Dichloroethene, Total	1	50.2	
78-87-5	1,2-Dichloropropane	1	24.7	
541-73-1	1,3-Dichlorobenzene	1	24.8	
106-46-7	1,4-Dichlorobenzene	1	24.7	
78-93-3	2-Butanone (MEK)	1	126	
591-78-6	2-Hexanone	1	130	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	128	
67-64-1	Acetone	1	122	
71-43-2	Benzene	1	24.8	
75-27-4	Bromodichloromethane	1	24.9	
75-25-2	Bromoform	1	25.3	
74-83-9	Bromomethane	1	26.4	
75-15-0	Carbon disulfide	1	25.2	
56-23-5	Carbon Tetrachloride	1	25.2	
108-90-7	Chlorobenzene	1	25.3	
124-48-1	Chlorodibromomethane	1	25.4	
75-00-3	Chloroethane	1	23.6	
67-66-3	Chloroform	1	24.7	
74-87-3	Chloromethane	1	23.4	
156-59-2	cis-1,2-Dichloroethene	1	25.1	
10061-01-5	cis-1,3-Dichloropropene	1	25.1	
110-82-7	Cyclohexane	1	25.6	
75-71-8	Dichlorodifluoromethane	1	25.1	
100-41-4	Ethylbenzene	1	25.0	
98-82-8	Isopropylbenzene	1	24.7	
79-20-9	Methyl Acetate	1	23.8	
1634-04-4	Methyl tert-Butyl Ether	1	25.3	
108-87-2	Methylcyclohexane	1	26.0	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-BS1 File ID: J5802.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 15:11

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	23.2	
100-42-5	Styrene	1	25.4	
127-18-4	Tetrachloroethene	1	25.2	
108-88-3	Toluene	1	24.7	
156-60-5	trans-1,2-Dichloroethene	1	25.1	
10061-02-6	trans-1,3-Dichloropropene	1	25.7	
79-01-6	Trichloroethene	1	24.8	
75-69-4	Trichlorofluoromethane	1	25.0	
75-01-4	Vinyl chloride	1	24.3	
1330-20-7	Xylenes, total	1	75.7	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.7	95	66 - 137	
4-Bromofluorobenzene	25.0	25.0	100	73 - 120	
Toluene-d8	25.0	25.3	101	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	503476	8.71	505586	8.71	
1,4-Difluorobenzene	936593	4.76	942126	4.75	
Chlorobenzene-d5	848100	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5802.D
Acq On : 6 Jul 2010 15:11
Operator : TRB
Sample : 10G0253-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 15:27:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	936593	25.00	ug/L	0.00 99.41%
42) CI20	Chlorobenzene-D5	6.86	117	848100	25.00	ug/L	0.00 98.35%
61) CI30	1,4-Dichlorobenzene-	8.71	152	503476	25.00	ug/L	0.00 99.58%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.51	65	382356	23.72	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	94.88%		
43) CS05	Toluene-D8	5.77	98	1430190	25.30	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	101.20%		
60) CS10	p-Bromofluorobenzene	7.76	174	435156	24.95	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	99.80%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.69	85	375808	25.09	ug/L	99
3) C010	Chloromethane	1.82	50	266575	23.42	ug/L	99
4) C020	Vinyl chloride	1.94	62	284880	24.28	ug/L	96
5) C015	Bromomethane	2.19	94	205233	26.43	ug/L	97
6) C025	Chloroethane	2.27	64	222170	23.60	ug/L	98
7) C275	Trichlorofluorometha	2.49	101	505562m	24.95	ug/L	98
8) C045	1,1-Dichloroethene	2.83	96	334369	24.82	ug/L #	81
9) C030	Methylene chloride	3.16	84	390735	23.16	ug/L	91
10) C040	Carbon disulfide	3.00	76	1017699	25.17	ug/L	99
11) C036	Acrolein	2.77	56	617080	600.75	ug/L	94
12) C038	Acrylonitrile	3.32	53	765708	127.71	ug/L	99
13) C035	Acetone	2.86	43	551595	121.77	ug/L	100
14) C300	Acetonitrile	3.07	41	1892192	1017.44	ug/L	97
15) C276	Iodomethane	2.95	142	417036	24.94	ug/L	93
16) C291	1,1,2 Trichloro-1,2,	2.83	101	312481	25.87	ug/L	92
17) C962	T-butyl Methyl Ether	3.30	73	1177891	25.34	ug/L	97
18) C057	trans-1,2-Dichloroet	3.33	96	376867	25.14	ug/L	91
19) C255	Methyl Acetate	3.06	43	313973	23.83	ug/L	99
20) C050	1,1-Dichloroethane	3.60	63	619355	24.47	ug/L	93
21) C125	Vinyl Acetate	3.59	43	3715035	129.51	ug/L	97
22) C051	2,2-Dichloropropane	3.97	77	496851	25.04	ug/L #	41
23) C056	cis-1,2-Dichloroethe	3.97	96	408816	25.09	ug/L	95
24) C272	Tetrahydrofuran	4.16	42	618532	125.92	ug/L	97
25) C222	Bromochloromethane	4.14	128	194077	24.61	ug/L	97
26) C060	Chloroform	4.17	83	618750	24.69	ug/L	95
27) C115	1,1,1-Trichloroethan	4.30	97	536941	24.79	ug/L	95
28) C120	Carbon tetrachloride	4.40	117	454373	25.19	ug/L	99
29) C116	1,1-Dichloropropene	4.39	75	510918	24.96	ug/L	97
31) C165	Benzene	4.54	78	1559446	24.81	ug/L	99
32) C065	1,2-Dichloroethane	4.56	62	495080	24.80	ug/L	97
33) C110	2-Butanone	3.96	43	907783	125.52	ug/L	95
34) C256	Cyclohexane	4.33	56	606258	25.65	ug/L #	80
35) C150	Trichloroethene	4.95	95	377860	24.85	ug/L	93
36) C140	1,2-Dichloropropane	5.11	63	374004	24.69	ug/L	99
37) C278	Dibromomethane	5.21	93	225986	25.43	ug/L	96
38) C130	Bromodichloromethane	5.30	83	480942	24.88	ug/L	99
39) C161	2-Chloroethylvinyl E	5.46	63	1354314	130.57	ug/L #	87
40) C012	Methylcycolhexane	5.06	83	703108	26.02	ug/L #	84

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5802.D
Acq On : 6 Jul 2010 15:11
Operator : TRB
Sample : 10G0253-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 15:27:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	618394	25.07	ug/L		92
44)	C230	Toluene	5.82	92	1015176	24.68	ug/L		100
45)	C170	trans-1,3-Dichloropr	5.98	75	587822	25.70	ug/L		90
46)	C284	Ethyl Methacrylate	5.98	69	580067	26.42	ug/L	#	73
47)	C160	1,1,2-Trichloroethan	6.12	83	293135	24.93	ug/L		93
48)	C210	4-Methyl-2-pentanone	5.66	43	1947468	128.50	ug/L	#	83
49)	C220	Tetrachloroethene	6.22	166	413337	25.23	ug/L		95
50)	C221	1,3-Dichloropropane	6.25	76	613945	25.21	ug/L		99
51)	C155	Chlorodibromomethane	6.44	129	378832	25.40	ug/L		97
52)	C163	1,2-Dibromoethane	6.53	107	373905	25.23	ug/L		99
53)	C215	2-Hexanone	6.26	43	1425828	129.56	ug/L	#	81
54)	C235	Chlorobenzene	6.88	112	1068666	25.32	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	351926	25.11	ug/L	#	83
56)	C240	Ethylbenzene	6.93	91	1864094	24.97	ug/L		95
57)	C246	m,p-Xylene	7.02	106	1555364	50.59	ug/L		91
58)	C247	o-Xylene	7.33	106	754406	25.12	ug/L		94
59)	C245	Styrene	7.34	104	1272212	25.43	ug/L		95
62)	C180	Bromoform	7.55	173	254081	25.27	ug/L		100
63)	C966	Isopropylbenzene	7.61	105	1970612	24.70	ug/L		98
64)	C301	Bromobenzene	7.91	156	464678	24.72	ug/L	#	62
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	511028	25.00	ug/L		97
66)	C282	1,2,3-Trichloropropa	7.93	110	148040	24.90	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.92	53	751319	132.25	ug/L	#	75
68)	C302	n-Propylbenzene	7.94	91	2369855	24.85	ug/L		97
69)	C303	2-Chlorotoluene	8.04	126	446391	24.49	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	459737	24.65	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	1661059	24.79	ug/L		100
72)	C306	tert-Butylbenzene	8.34	134	357249	24.60	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	1700588	24.70	ug/L		98
74)	C308	sec-Butylbenzene	8.51	105	2168204	24.94	ug/L		98
75)	C260	1,3-Dichlorobenzene	8.65	146	936415	24.78	ug/L		99
76)	C309	4-Isopropyltoluene	8.62	119	1776204	25.17	ug/L		93
77)	C267	1,4-Dichlorobenzene	8.73	146	957052	24.72	ug/L		93
78)	C249	1,2-Dichlorobenzene	9.05	146	910441	24.70	ug/L		99
79)	C310	n-Butylbenzene	8.97	91	1648512	24.99	ug/L		93
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	97011	24.98	ug/L	#	85
81)	C313	1,2,4-Trichlorobenze	10.39	180	640900	25.16	ug/L		100
82)	C316	Hexachlorobutadiene	10.49	225	300805	25.64	ug/L		95
83)	C314	Naphthalene	10.61	128	1885492	25.12	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	610557	24.56	ug/L		98

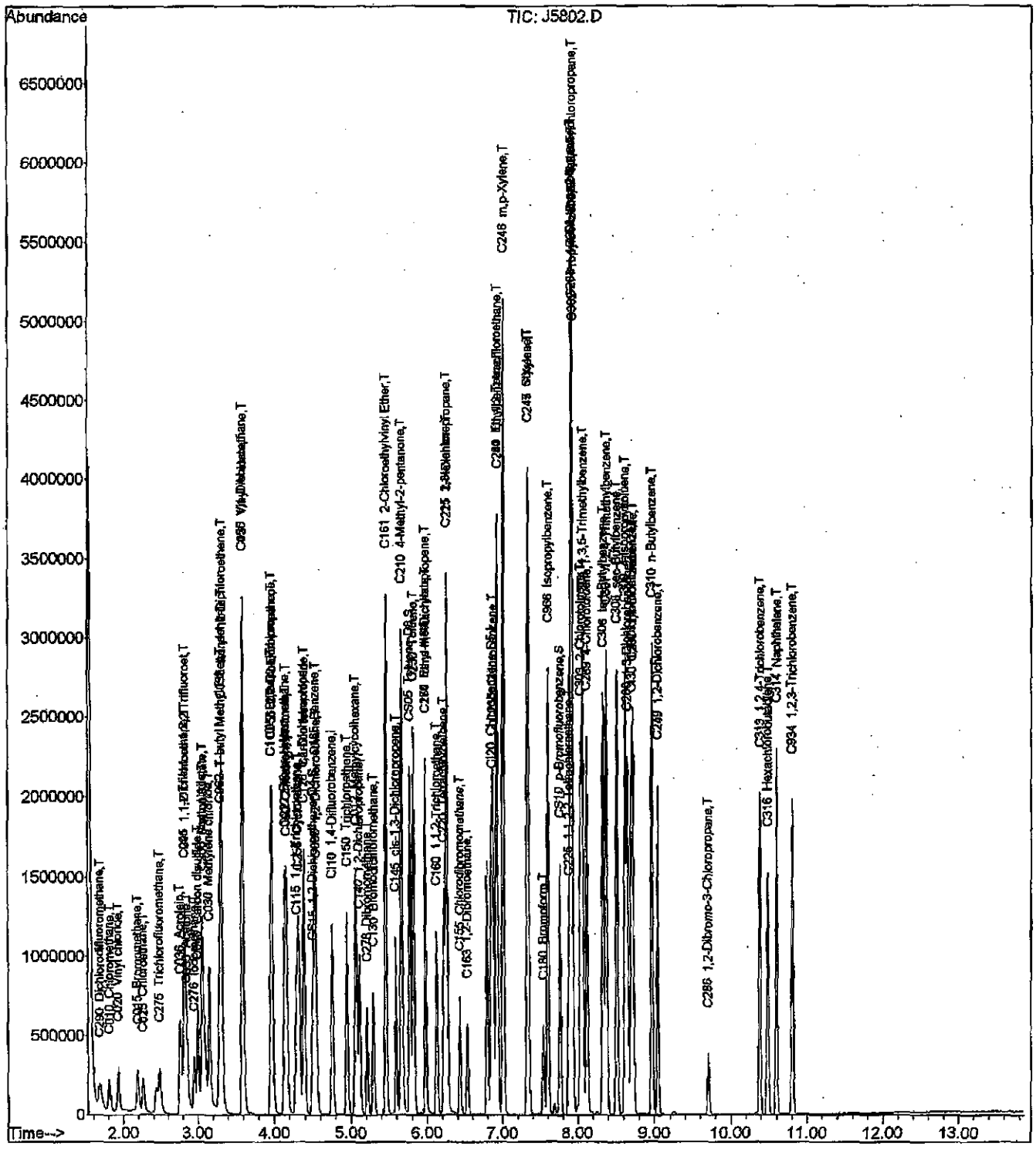
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/12/10

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5802.D
Acq On : 6 Jul 2010 15:11
Operator : TRB
Sample : 10G0253-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

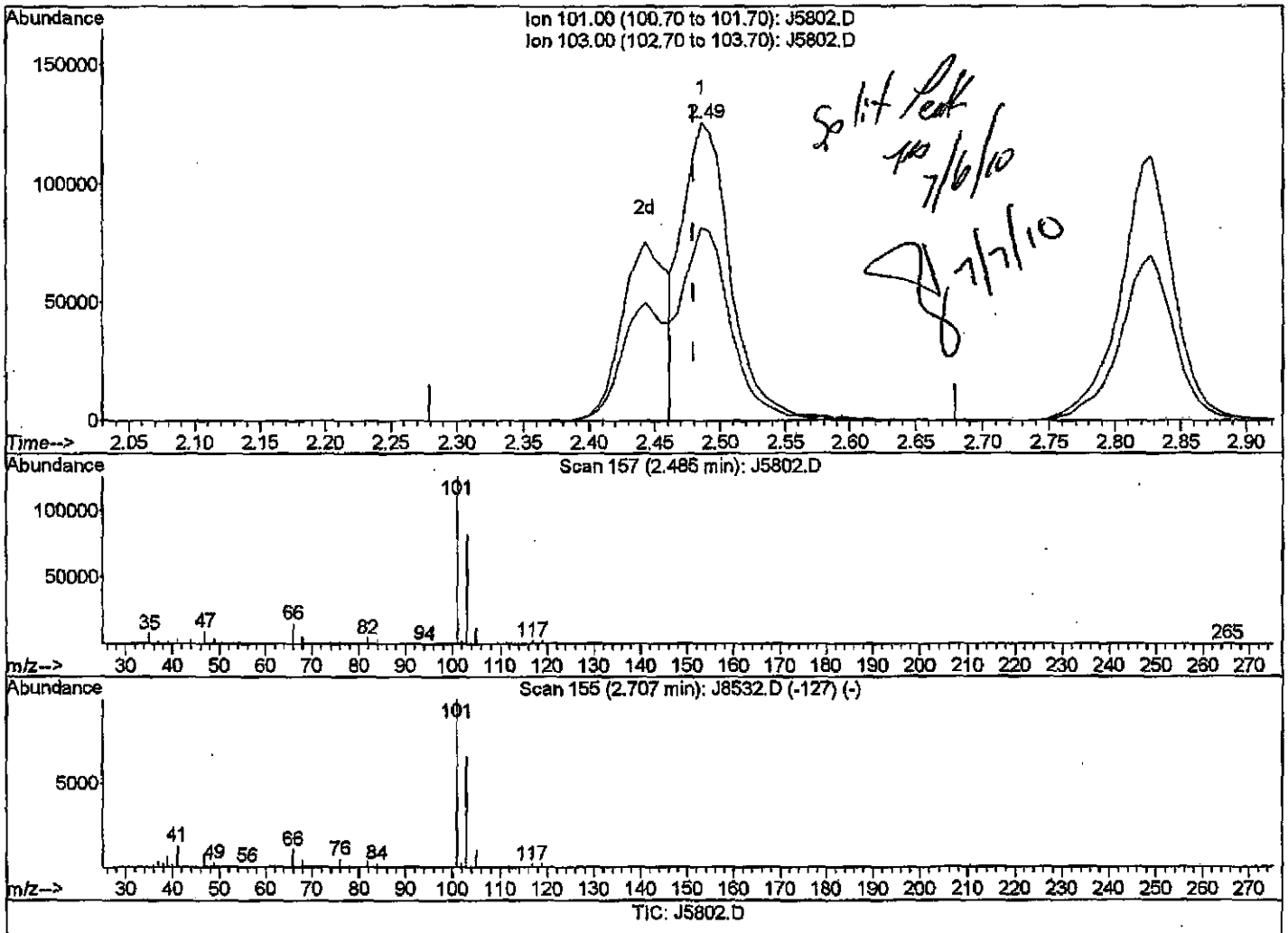
Quant Time: Jul 06 15:27:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5802.D
Acq On : 6 Jul 2010 15:11
Operator : TRB
Sample : 10G0253-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 15:26:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration



(7) C275 Trichlorofluoromethane (T)

2.49min (+0.006) 16.00ug/L

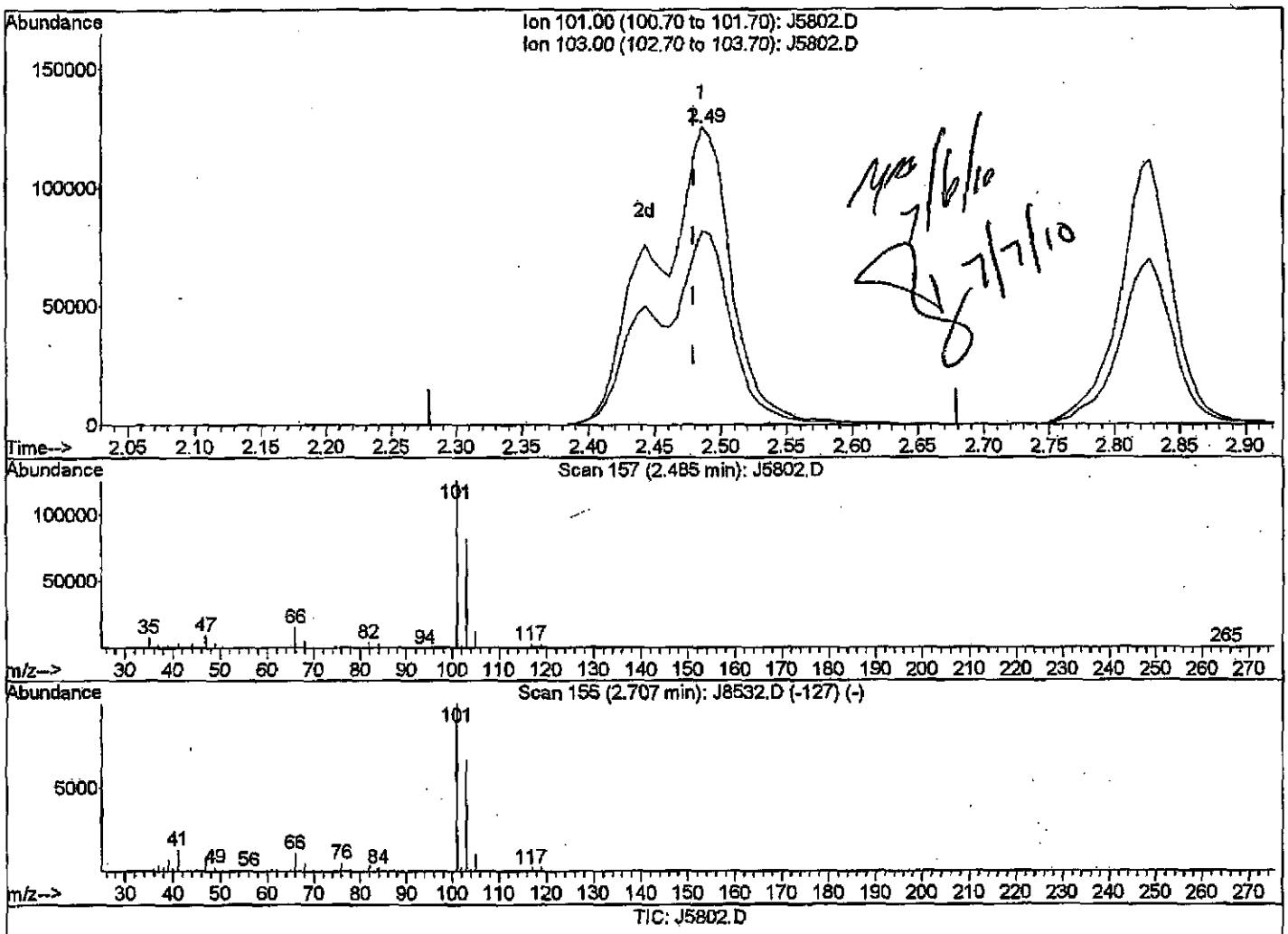
response 324228

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5802.D
Acq On : 6 Jul 2010 15:11
Operator : TRB
Sample : 10G0253-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 15:26:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration



TIC: J5802.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.006) 24.95ug/L m

response 505562

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.93
0.00	0.00	0.00
0.00	0.00	0.00

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water *Laboratory ID:* 10G0303-BS1 File ID: J5828.D

Sampled: Prepared: 07/07/10 08:51 Analyzed: 07/07/10 09:51

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0303 Sequence: T002997 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	25.9	
79-34-5	1,1,2,2-Tetrachloroethane	1	23.6	
79-00-5	1,1,2-Trichloroethane	1	24.7	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	26.6	
75-34-3	1,1-Dichloroethane	1	24.8	
75-35-4	1,1-Dichloroethene	1	25.7	
120-82-1	1,2,4-Trichlorobenzene	1	24.7	
96-12-8	1,2-Dibromo-3-chloropropane	1	23.1	
106-93-4	1,2-Dibromoethane (EDB)	1	24.7	
95-50-1	1,2-Dichlorobenzene	1	24.3	
107-06-2	1,2-Dichloroethane	1	24.1	
540-59-0	1,2-Dichloroethene, Total	1	50.3	
78-87-5	1,2-Dichloropropane	1	24.1	
541-73-1	1,3-Dichlorobenzene	1	24.6	
106-46-7	1,4-Dichlorobenzene	1	24.7	
78-93-3	2-Butanone (MEK)	1	118	
591-78-6	2-Hexanone	1	121	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	121	
67-64-1	Acetone	1	113	
71-43-2	Benzene	1	25.0	
75-27-4	Bromodichloromethane	1	24.8	
75-25-2	Bromoform	1	24.3	
74-83-9	Bromomethane	1	24.8	
75-15-0	Carbon disulfide	1	25.6	
56-23-5	Carbon Tetrachloride	1	25.6	
108-90-7	Chlorobenzene	1	25.0	
124-48-1	Chlorodibromomethane	1	24.8	
75-00-3	Chloroethane	1	25.4	
67-66-3	Chloroform	1	24.9	
74-87-3	Chloromethane	1	25.2	
156-59-2	cis-1,2-Dichloroethene	1	24.8	
10061-01-5	cis-1,3-Dichloropropene	1	24.4	
110-82-7	Cyclohexane	1	26.2	
75-71-8	Dichlorodifluoromethane	1	25.3	
100-41-4	Ethylbenzene	1	25.4	
98-82-8	Isopropylbenzene	1	25.3	
79-20-9	Methyl Acetate	1	23.3	
1634-04-4	Methyl tert-Butyl Ether	1	24.6	
108-87-2	Methylcyclohexane	1	26.6	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0303-BS1 File ID: J5828.D

Sampled: Prepared: 07/07/10 08:51 Analyzed: 07/07/10 09:51

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0303 Sequence: T002997 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	23.2	
100-42-5	Styrene	1	25.2	
127-18-4	Tetrachloroethene	1	25.6	
108-88-3	Toluene	1	24.8	
156-60-5	trans-1,2-Dichloroethene	1	25.5	
10061-02-6	trans-1,3-Dichloropropene	1	24.5	
79-01-6	Trichloroethene	1	25.4	
75-69-4	Trichlorofluoromethane	1	26.2	
75-01-4	Vinyl chloride	1	26.5	
1330-20-7	Xylenes, total	1	75.8	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.9	92	66 - 137	
4-Bromofluorobenzene	25.0	23.9	96	73 - 120	
Toluene-d8	25.0	24.4	98	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	507392	8.71	500268	8.71	
1,4-Difluorobenzene	958700	4.75	927017	4.75	
Chlorobenzene-d5	865189	6.86	861317	6.86	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5828.D
Acq On : 7 Jul 2010 9:51
Operator : TRB
Sample : 10G0303-BS1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 07 10:10:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.75	114	958700	25.00	ug/L		0.00 103.42%
42)	CI20	Chlorobenzene-D5	6.86	117	865189	25.00	ug/L		0.00 100.45%
61)	CI30	1,4-Dichlorobenzene-	8.71	152	507392	25.00	ug/L		0.00 101.42%
	System Monitoring Compounds								
30)	CS15	1,2-Dichloroethane-D	4.50	65	378495	22.94	ug/L		0.00
	Spiked Amount	25.000	Range	66 - 137		Recovery =	91.76%		
43)	CS05	Toluene-D8	5.77	98	1409761	24.45	ug/L		0.00
	Spiked Amount	25.000	Range	71 - 126		Recovery =	97.80%		
60)	CS10	p-Bromofluorobenzene	7.77	174	425697	23.92	ug/L		0.00
	Spiked Amount	25.000	Range	73 - 120		Recovery =	95.68%		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.69	85	387321	25.26	ug/L		99
3)	C010	Chloromethane	1.81	50	293345	25.18	ug/L		98
4)	C020	Vinyl chloride	1.93	62	318380	26.51	ug/L		96
5)	C015	Bromomethane	2.19	94	196979	24.78	ug/L		99
6)	C025	Chloroethane	2.26	64	245202	25.44	ug/L		94
7)	C275	Trichlorofluorometha	2.48	101	544228m	26.23	ug/L		93
8)	C045	1,1-Dichloroethene	2.82	96	354004	25.68	ug/L	#	76
9)	C030	Methylene chloride	3.16	84	401527	23.25	ug/L		87
10)	C040	Carbon disulfide	3.00	76	1061472	25.65	ug/L		98
11)	C036	Acrolein	2.76	56	638417	607.19	ug/L		95
12)	C038	Acrylonitrile	3.31	53	722952	117.80	ug/L		100
13)	C035	Acetone	2.85	43	522454	112.68	ug/L		99
14)	C300	Acetonitrile	3.06	41	1805311	948.34	ug/L		97
15)	C276	Iodomethane	2.95	142	431431	25.21	ug/L		93
16)	C291	1,1,2 Trichloro-1,2,	2.82	101	329331	26.64	ug/L		93
17)	C962	T-butyl Methyl Ether	3.30	73	1169483	24.58	ug/L		98
18)	C057	trans-1,2-Dichloroet	3.32	96	391542	25.52	ug/L		94
19)	C255	Methyl Acetate	3.05	43	314101	23.29	ug/L		98
20)	C050	1,1-Dichloroethane	3.60	63	642993	24.82	ug/L		95
21)	C125	Vinyl Acetate	3.59	43	3626912	123.52	ug/L		97
22)	C051	2,2-Dichloropropane	3.97	77	520380	25.62	ug/L	#	39
23)	C056	cis-1,2-Dichloroethe	3.97	96	413844	24.82	ug/L		96
24)	C272	Tetrahydrofuran	4.15	42	583213	115.99	ug/L		98
25)	C222	Bromochloromethane	4.14	128	199588	24.72	ug/L		96
26)	C060	Chloroform	4.17	83	638308	24.88	ug/L		99
27)	C115	1,1,1-Trichloroethan	4.30	97	574010	25.89	ug/L		93
28)	C120	Carbon tetrachloride	4.40	117	472608	25.60	ug/L		95
29)	C116	1,1-Dichloropropene	4.39	75	523308	24.98	ug/L		98
31)	C165	Benzene	4.53	78	1605502	24.96	ug/L		100
32)	C065	1,2-Dichloroethane	4.55	62	492637	24.11	ug/L		97
33)	C110	2-Butanone	3.95	43	872234	117.82	ug/L		97
34)	C256	Cyclohexane	4.32	56	634689	26.24	ug/L	#	79
35)	C150	Trichloroethene	4.95	95	395328	25.40	ug/L		94
36)	C140	1,2-Dichloropropane	5.11	63	373373	24.08	ug/L		99
37)	C278	Dibromomethane	5.21	93	221566	24.36	ug/L		96
38)	C130	Bromodichloromethane	5.30	83	490073	24.77	ug/L		97
39)	C161	2-Chloroethylvinyl E	5.45	63	1314028	123.77	ug/L	#	87
40)	C012	Methylcycolhexane	5.06	83	735938	26.61	ug/L	#	83

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5828.D
Acq On : 7 Jul 2010 9:51
Operator : TRB
Sample : 10G0303-BS1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 07 10:10:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	615700	24.39	ug/L		92
44)	C230	Toluene	5.82	92	1039217	24.77	ug/L		98
45)	C170	trans-1,3-Dichloropr	5.98	75	571475	24.49	ug/L		89
46)	C284	Ethyl Methacrylate	5.98	69	562929	25.13	ug/L	#	73
47)	C160	1,1,2-Trichloroethan	6.13	83	296282	24.70	ug/L		94
48)	C210	4-Methyl-2-pentanone	5.66	43	1867105	120.76	ug/L	#	82
49)	C220	Tetrachloroethene	6.22	166	427087	25.55	ug/L		97
50)	C221	1,3-Dichloropropane	6.25	76	605212	24.36	ug/L		99
51)	C155	Chlorodibromomethane	6.44	129	377056	24.78	ug/L		97
52)	C163	1,2-Dibromoethane	6.53	107	373865	24.73	ug/L		99
53)	C215	2-Hexanone	6.26	43	1353130	120.53	ug/L	#	83
54)	C235	Chlorobenzene	6.87	112	1074285	24.95	ug/L		94
55)	C281	1,1,1,2-Tetrachloroe	6.94	131	359663	25.16	ug/L	#	84
56)	C240	Ethylbenzene	6.92	91	1937562	25.45	ug/L		99
57)	C246	m,p-Xylene	7.01	106	1589543	50.68	ug/L		94
58)	C247	o-Xylene	7.33	106	771096	25.17	ug/L		89
59)	C245	Styrene	7.34	104	1286454	25.21	ug/L		95
62)	C180	Bromoform	7.55	173	246235	24.30	ug/L		97
63)	C966	Isopropylbenzene	7.61	105	2030506	25.26	ug/L		97
64)	C301	Bromobenzene	7.91	156	473685	25.01	ug/L	#	63
65)	C225	1,1,2,2-Tetrachloroe	7.88	83	485420	23.56	ug/L		97
66)	C282	1,2,3-Trichloropropa	7.92	110	142711	23.82	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	7.91	53	639261	111.66	ug/L	#	71
68)	C302	n-Propylbenzene	7.94	91	2427938	25.26	ug/L		99
69)	C303	2-Chlorotoluene	8.04	126	450495	24.52	ug/L		100
70)	C289	4-Chlorotoluene	8.12	126	457709	24.35	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.07	105	1711500	25.34	ug/L		100
72)	C306	tert-Butylbenzene	8.34	134	365999	25.00	ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.38	105	1741544	25.10	ug/L		100
74)	C308	sec-Butylbenzene	8.51	105	2272373	25.93	ug/L		97
75)	C260	1,3-Dichlorobenzene	8.66	146	937067	24.60	ug/L		98
76)	C309	4-Isopropyltoluene	8.62	119	1820772	25.60	ug/L		93
77)	C267	1,4-Dichlorobenzene	8.73	146	963561	24.69	ug/L		94
78)	C249	1,2-Dichlorobenzene	9.05	146	902130	24.29	ug/L		97
79)	C310	n-Butylbenzene	8.97	91	1686503	25.37	ug/L		97
80)	C286	1,2-Dibromo-3-Chloro	9.71	75	90434	23.10	ug/L	#	86
81)	C313	1,2,4-Trichlorobenze	10.39	180	635221	24.74	ug/L		99
82)	C316	Hexachlorobutadiene	10.49	225	304285	25.74	ug/L		100
83)	C314	Naphthalene	10.60	128	1808672	23.91	ug/L		100
84)	C934	1,2,3-Trichlorobenze	10.81	180	600876	23.98	ug/L		99

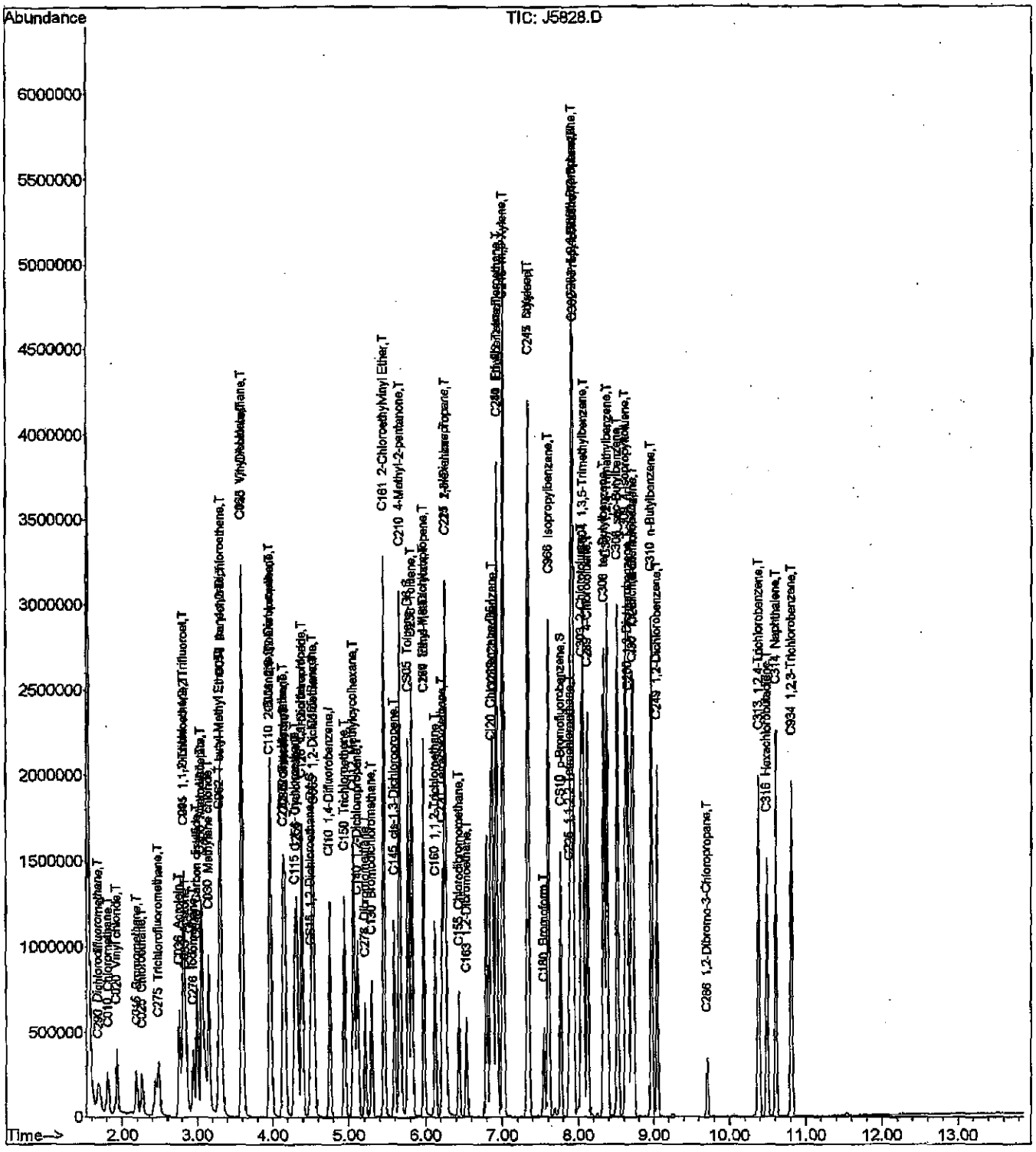
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/12/10

Quantitation Report (QT Reviewed)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5828.D
Acq On : 7 Jul 2010 9:51
Operator : TRB
Sample : 10G0303-BS1
Misc :
ALS Vial : 2 Sample Multiplier: 1

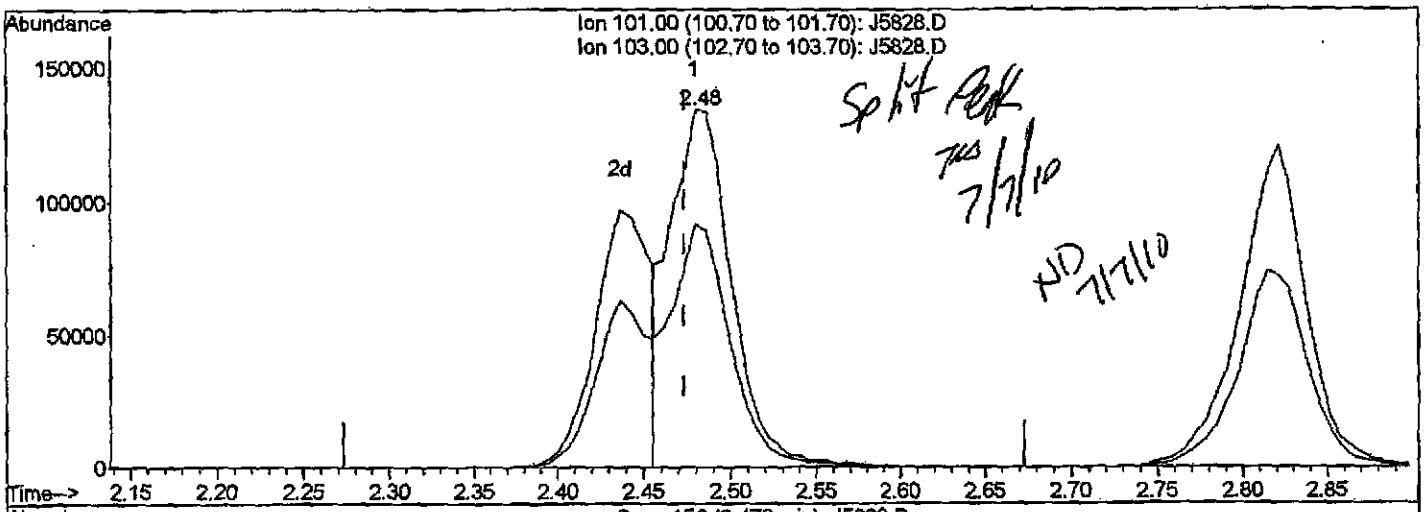
Quant Time: Jul 07 10:10:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5828.D
Acq On : 7 Jul 2010 9:51
Operator : TRB
Sample : 10G0303-BS1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 07 10:10:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration



TIC: J5828.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.006) 15.86ug/L

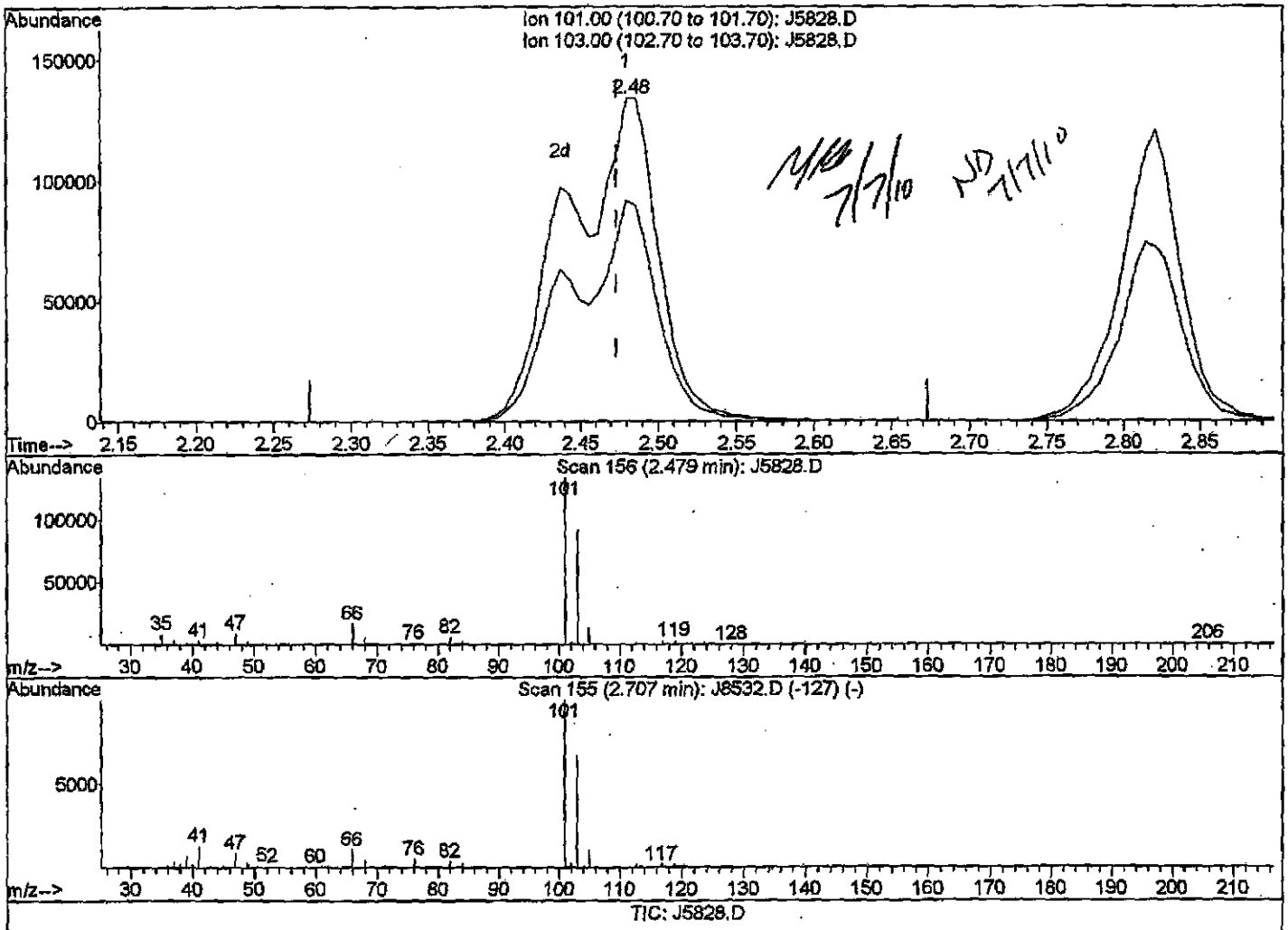
response 328919

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	68.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070710\
Data File : J5828.D
Acq On : 7 Jul 2010 9:51
Operator : TRB
Sample : 10G0303-BS1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 07 10:10:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration



TIC: J5828.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.006) 26.23ug/L m

response 544228

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	68.39
0.00	0.00	0.00
0.00	0.00	0.00

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike

Laboratory:	TestAmerica Buffalo		SDG:		
Client:	ARCADIS U.S., Inc. - Albany, NY		Project:	Arcadis, Geraghty & Miller - NY9A8463	
Matrix:	Water	Laboratory ID:	10G0253-MS1	File ID:	J5818.D
Sampled:		Prepared:	07/06/10 14:30	Analyzed:	07/06/10 21:05
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020	Instrument:	HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	23.7	
79-34-5	1,1,2,2-Tetrachloroethane	1	20.9	
79-00-5	1,1,2-Trichloroethane	1	22.0	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	20.2	
75-34-3	1,1-Dichloroethane	1	22.7	
75-35-4	1,1-Dichloroethene	1	23.3	
120-82-1	1,2,4-Trichlorobenzene	1	21.2	
96-12-8	1,2-Dibromo-3-chloropropane	1	20.0	
106-93-4	1,2-Dibromoethane (EDB)	1	22.1	
95-50-1	1,2-Dichlorobenzene	1	21.6	
107-06-2	1,2-Dichloroethane	1	21.8	
540-59-0	1,2-Dichloroethene, Total	1	46.8	
78-87-5	1,2-Dichloropropane	1	22.1	
541-73-1	1,3-Dichlorobenzene	1	22.1	
106-46-7	1,4-Dichlorobenzene	1	21.7	
78-93-3	2-Butanone (MEK)	1	103	
591-78-6	2-Hexanone	1	106	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	106	
67-64-1	Acetone	1	111	
71-43-2	Benzene	1	23.0	
75-27-4	Bromodichloromethane	1	20.6	
75-25-2	Bromoform	1	18.0	
74-83-9	Bromomethane	1	19.4	
75-15-0	Carbon disulfide	1	17.4	
56-23-5	Carbon Tetrachloride	1	22.2	
108-90-7	Chlorobenzene	1	22.7	
124-48-1	Chlorodibromomethane	1	19.4	
75-00-3	Chloroethane	1	23.1	
67-66-3	Chloroform	1	22.8	
74-87-3	Chloromethane	1	23.0	
156-59-2	cis-1,2-Dichloroethene	1	23.2	
10061-01-5	cis-1,3-Dichloropropene	1	19.9	
110-82-7	Cyclohexane	1	20.5	
75-71-8	Dichlorodifluoromethane	1	20.3	
100-41-4	Ethylbenzene	1	23.1	
98-82-8	Isopropylbenzene	1	22.7	
79-20-9	Methyl Acetate	1	20.6	
1634-04-4	Methyl tert-Butyl Ether	1	21.4	
108-87-2	Methylcyclohexane	1	19.5	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	10G0253-MS1	File ID:	J5818.D
Sampled:		Prepared:	07/06/10 14:30	Analyzed:	07/06/10 21:05
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0253	Sequence:	T002985	Calibration:	R10G020
Instrument:	HP5973J				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	20.9	
100-42-5	Styrene	1	22.9	
127-18-4	Tetrachloroethene	1	22.5	
108-88-3	Toluene	1	23.0	
156-60-5	trans-1,2-Dichloroethene	1	23.6	
10061-02-6	trans-1,3-Dichloropropene	1	19.9	
79-01-6	Trichloroethene	1	25.5	
75-69-4	Trichlorofluoromethane	1	21.9	
75-01-4	Vinyl chloride	1	23.8	
1330-20-7	Xylenes, total	1	68.3	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.2	93	66 - 137	
4-Bromofluorobenzene	25.0	23.9	96	73 - 120	
Toluene-d8	25.0	24.2	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	509722	8.71	505586	8.71	
1,4-Difluorobenzene	957989	4.76	942126	4.75	
Chlorobenzene-d5	863198	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5818.D
Acq On : 6 Jul 2010 21:05
Operator : TRB
Sample : 10G0253-MS1
Misc : RTG0521-14MS
ALS Vial : 27 Sample Multiplier: 1

S+E 7/7/10

Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.76	114	957989	25.00	ug/L		0.00 101.68%
42) CI20	Chlorobenzene-D5	6.86	117	863198	25.00	ug/L		0.00 100.10%
61) CI30	1,4-Dichlorobenzene-	8.71	152	509722	25.00	ug/L		0.00 100.82%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.50	65	383010	23.23	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	92.92%		
43) CS05	Toluene-D8	5.77	98	1392684	24.21	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	96.84%		
60) CS10	p-Bromofluorobenzene	7.77	174	424046	23.89	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	95.56%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	310978	20.29	ug/L		99
3) C010	Chloromethane	1.83	50	267644	22.99	ug/L		98
4) C020	Vinyl chloride	1.94	62	285676	23.81	ug/L		99
5) C015	Bromomethane	2.20	94	153753	19.36	ug/L		99
6) C025	Chloroethane	2.27	64	222527	23.11	ug/L		94
7) C275	Trichlorofluorometha	2.48	101	291499	m ~~14.06~~ 21.94	ug/L		99
8) C045	1,1-Dichloroethene	2.82	96	321516	23.34	ug/L	#	82
9) C030	Methylene chloride	3.16	84	360800	20.91	ug/L		88
10) C040	Carbon disulfide	3.00	76	717882	17.36	ug/L		100
11) C036	Acrolein	2.76	56	481113	457.92	ug/L		94
12) C038	Acrylonitrile	3.31	53	636511	103.79	ug/L		99
13) C035	Acetone	2.86	43	512399	110.59	ug/L		98
14) C300	Acetonitrile	3.06	41	1544585	811.98	ug/L		97
15) C276	Iodomethane	2.95	142	388856	22.74	ug/L		93
16) C291	1,1,2 Trichloro-1,2,	2.82	101	250126	20.25	ug/L		93
17) C962	T-butyl Methyl Ether	3.30	73	1016148	21.38	ug/L		96
18) C057	trans-1,2-Dichloroet	3.32	96	361995	23.61	ug/L		96
19) C255	Methyl Acetate	3.06	43	277333	20.57	ug/L		97
20) C050	1,1-Dichloroethane	3.60	63	588055	22.71	ug/L		95
21) C125	Vinyl Acetate	3.59	43	3220911	109.77	ug/L		97
22) C051	2,2-Dichloropropane	3.97	77	428038	21.09	ug/L	#	41
23) C056	cis-1,2-Dichloroethe	3.97	96	386935	23.22	ug/L		97
24) C272	Tetrahydrofuran	4.16	42	500992	99.71	ug/L		99
25) C222	Bromochloromethane	4.14	128	177360	21.98	ug/L		96
26) C060	Chloroform	4.17	83	584586	22.80	ug/L		96
27) C115	1,1,1-Trichloroethan	4.30	97	525033	23.70	ug/L		95
28) C120	Carbon tetrachloride	4.40	117	408749	22.16	ug/L		97
29) C116	1,1-Dichloropropene	4.39	75	475545	22.71	ug/L		99
31) C165	Benzene	4.53	78	1477699	22.99	ug/L		99
32) C065	1,2-Dichloroethane	4.56	62	444075	21.75	ug/L		97
33) C110	2-Butanone	3.96	43	764924	103.41	ug/L		94
34) C256	Cyclohexane	4.32	56	495981	20.52	ug/L	#	79
35) C150	Trichloroethene	4.95	95	397183	25.54	ug/L		93
36) C140	1,2-Dichloropropane	5.11	63	342693	22.11	ug/L		98
37) C278	Dibromomethane	5.21	93	199771	21.98	ug/L		95
38) C130	Bromodichloromethane	5.30	83	406237	20.55	ug/L		95
39) C161	2-Chloroethylvinyl E	5.46	63	1122836	105.84	ug/L	#	86
40) C012	Methylcycolhexane	5.06	83	539316	19.52	ug/L	#	83

7/7/10

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5818.D
Acq On : 6 Jul 2010 21:05
Operator : TRB
Sample : 10G0253-MS1
Misc : RTG0521-14MS
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloroprop	5.59	75	502249	19.91	ug/L		93
44) C230	Toluene	5.82	92	960694	22.95	ug/L		99
45) C170	trans-1,3-Dichloropr	5.98	75	462189	19.86	ug/L		88
46) C284	Ethyl Methacrylate	5.98	69	492224	22.03	ug/L	#	72
47) C160	1,1,2-Trichloroethan	6.13	83	263609	22.03	ug/L		94
48) C210	4-Methyl-2-pentanone	5.66	43	1632552	105.84	ug/L	#	83
49) C220	Tetrachloroethene	6.22	166	375563	22.52	ug/L		98
50) C221	1,3-Dichloropropane	6.25	76	542530	21.89	ug/L		98
51) C155	Chlorodibromomethane	6.44	129	293695	19.35	ug/L		100
52) C163	1,2-Dibromoethane	6.53	107	333637	22.12	ug/L		100
53) C215	2-Hexanone	6.26	43	1182304	105.55	ug/L	#	83
54) C235	Chlorobenzene	6.88	112	977142	22.74	ug/L		98
55) C281	1,1,1,2-Tetrachloroe	6.94	131	319799	22.42	ug/L	#	79
56) C240	Ethylbenzene	6.93	91	1758012	23.14	ug/L		98
57) C246	m,p-Xylene	7.02	106	1425016	45.54	ug/L		94
58) C247	o-Xylene	7.33	106	696601	22.79	ug/L		93
59) C245	Styrene	7.34	104	1163875	22.86	ug/L		96
62) C180	Bromoform	7.55	173	182996	17.98	ug/L		94
63) C966	Isopropylbenzene	7.61	105	1830250	22.66	ug/L		97
64) C301	Bromobenzene	7.91	156	430480	22.62	ug/L	#	73
65) C225	1,1,2,2-Tetrachloroe	7.88	83	433424	20.94	ug/L		98
66) C282	1,2,3-Trichloropropa	7.92	110	129989	21.59	ug/L		100
67) C283	t-1,4-Dichloro-2-But	7.92	53	408581	71.04	ug/L	#	54
68) C302	n-Propylbenzene	7.94	91	2124506	22.00	ug/L		96
69) C303	2-Chlorotoluene	8.04	126	408403	22.13	ug/L		100
70) C289	4-Chlorotoluene	8.12	126	414726	21.96	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.07	105	1533597	22.61	ug/L		99
72) C306	tert-Butylbenzene	8.34	134	328061	22.31	ug/L		100
73) C307	1,2,4-Trimethylbenze	8.38	105	1555191	22.31	ug/L		97
74) C308	sec-Butylbenzene	8.51	105	1991182	22.62	ug/L		97
75) C260	1,3-Dichlorobenzene	8.66	146	845817	22.11	ug/L		96
76) C309	4-Isopropyltoluene	8.62	119	1598594	22.38	ug/L		94
77) C267	1,4-Dichlorobenzene	8.73	146	851842	21.73	ug/L		94
78) C249	1,2-Dichlorobenzene	9.05	146	806595	21.62	ug/L		99
79) C310	n-Butylbenzene	8.97	91	1449903	21.71	ug/L		93
80) C286	1,2-Dibromo-3-Chloro	9.71	75	78547	19.97	ug/L	#	86
81) C313	1,2,4-Trichlorobenze	10.39	180	546444	21.19	ug/L		99
82) C316	Hexachlorobutadiene	10.49	225	247823	20.87	ug/L		99
83) C314	Naphthalene	10.60	128	1598844	21.04	ug/L		100
84) C934	1,2,3-Trichlorobenze	10.81	180	514731	20.45	ug/L		99

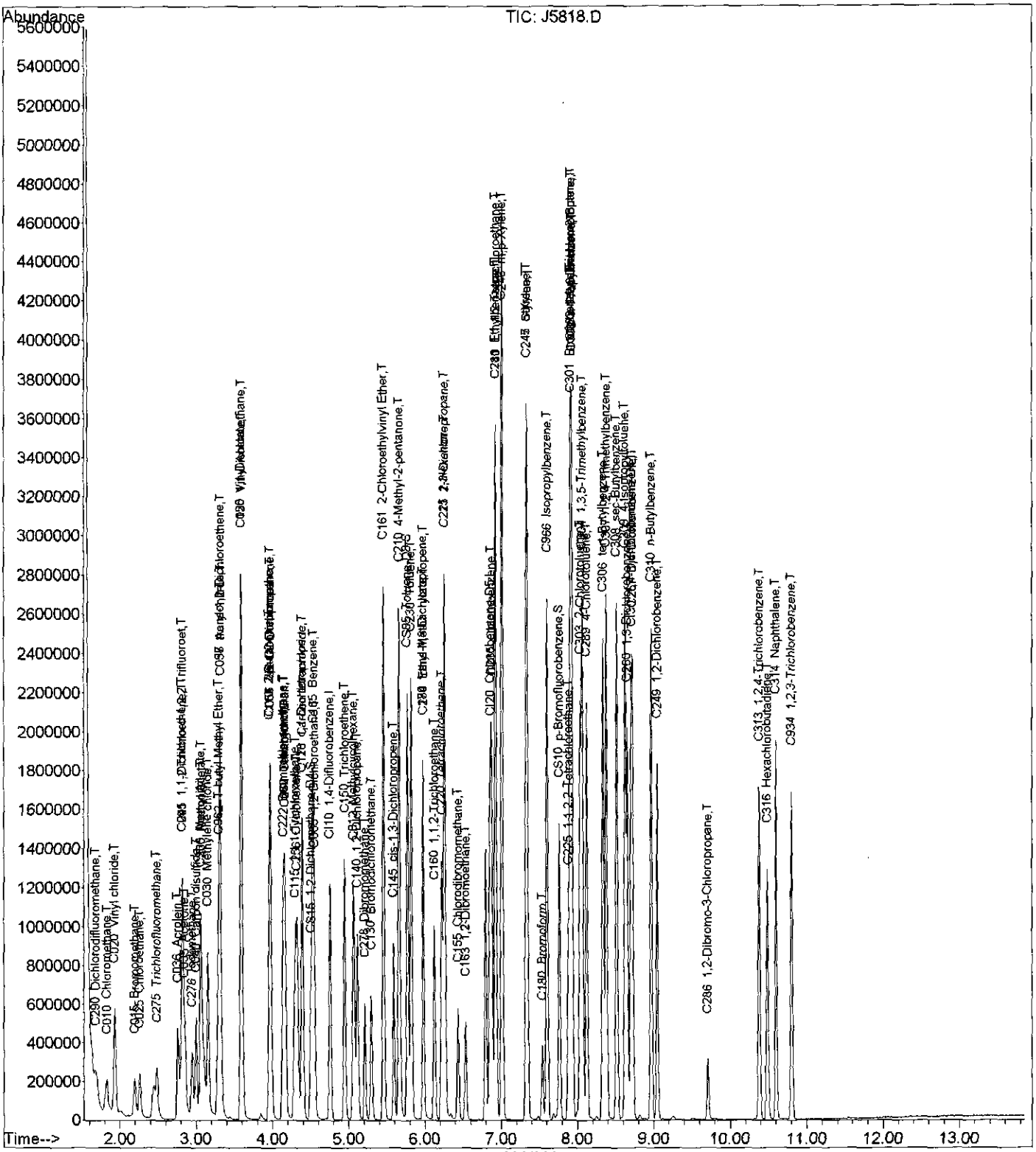
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7/12/10

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5818.D
Acq On : 6 Jul 2010 21:05
Operator : TRB
Sample : 10G0253-MS1
Misc : RTG0521-14MS
ALS Vial : 27 Sample Multiplier: 1

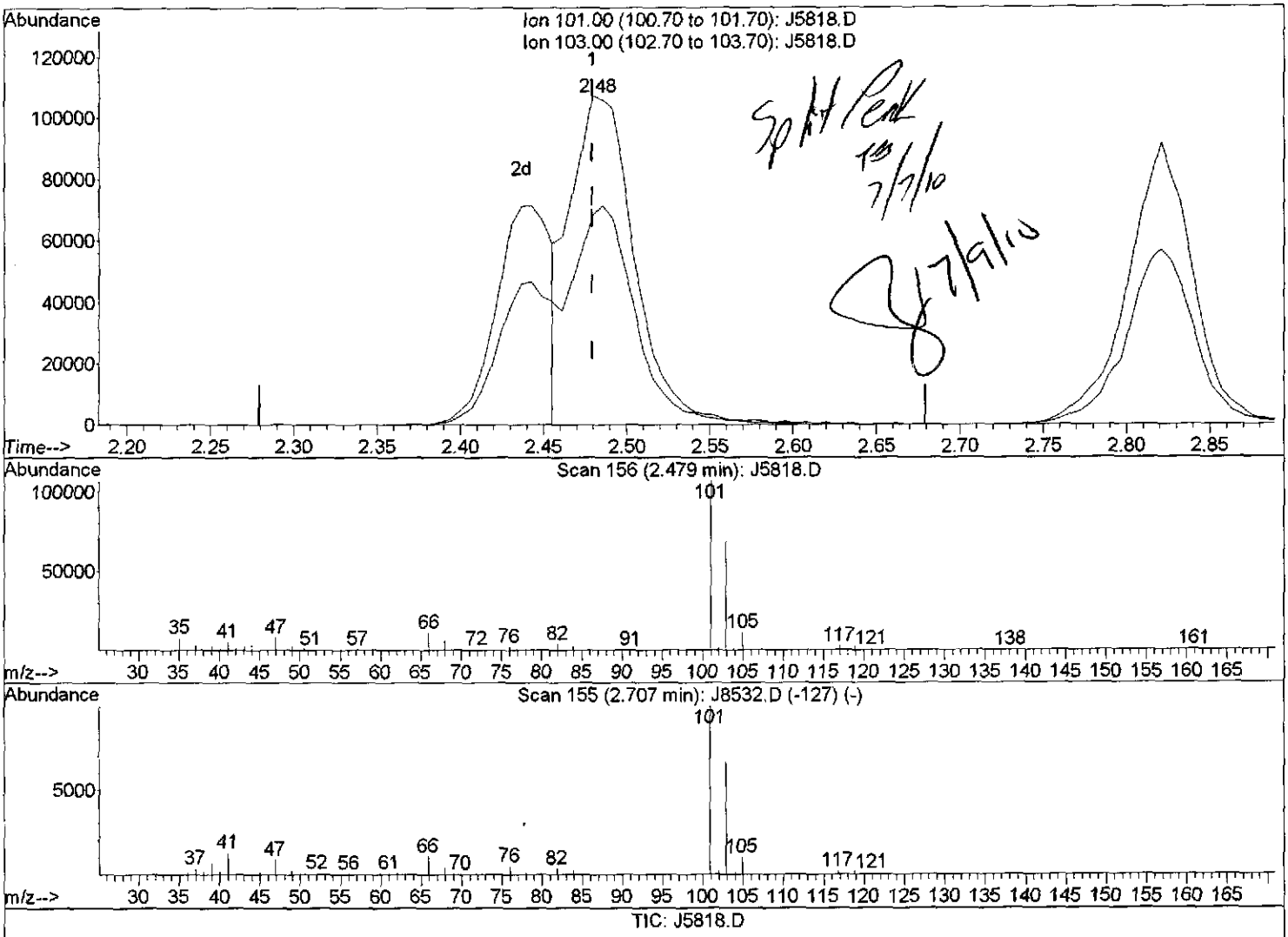
Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5818.D
Acq On : 6 Jul 2010 21:05
Operator : TRB
Sample : 10G0253-MS1
Misc : RTG0521-14MS
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



TIC: J5818.D

(7) C275 Trichlorofluoromethane (T)

2.48min (-0.000) 14.06ug/L

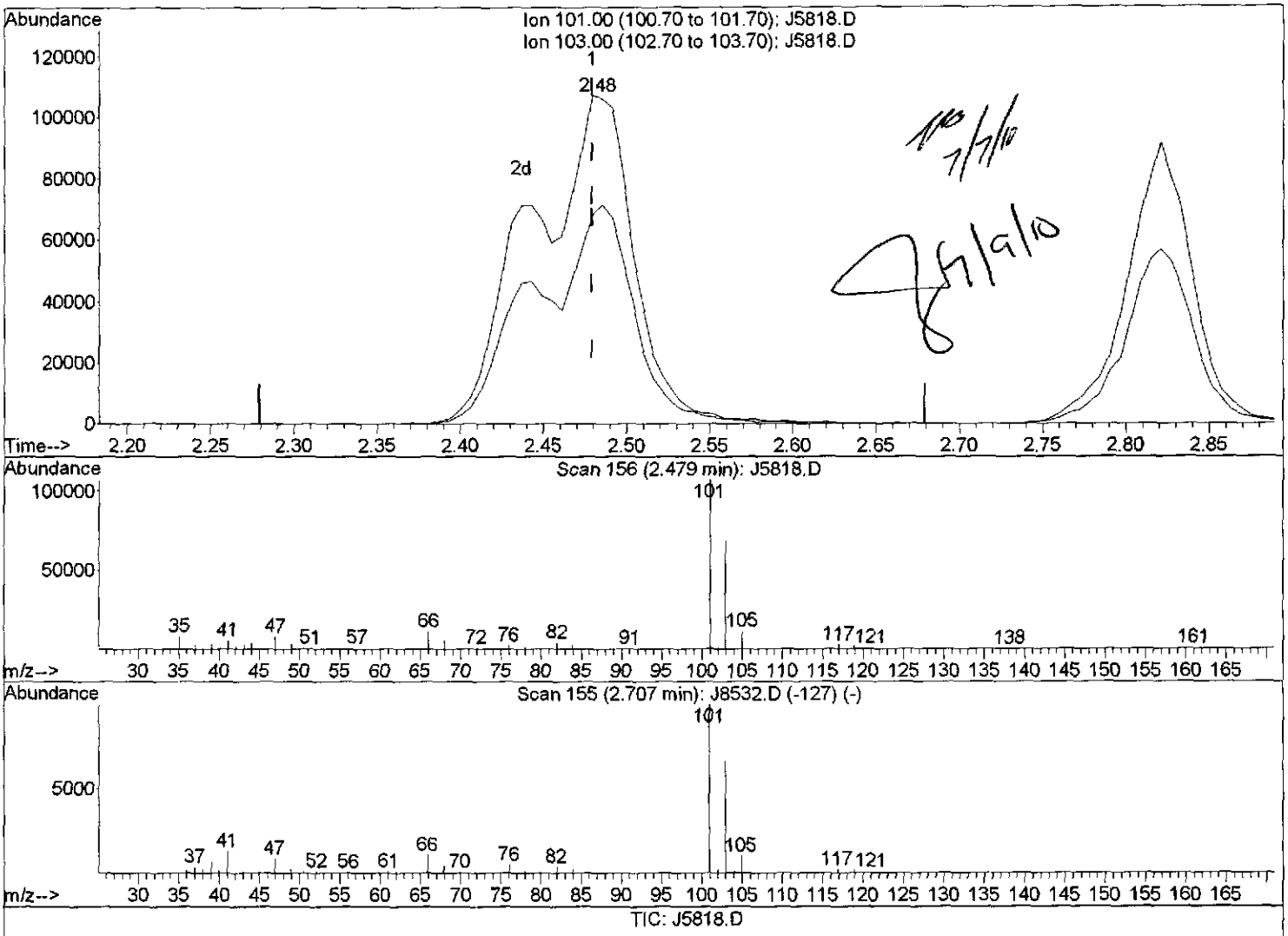
response 291499

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5818.D
Acq On : 6 Jul 2010 21:05
Operator : TRB
Sample : 10G0253-MS1
Misc : RTG0521-14MS
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



TIC: J5818.D

(7) C275 Trichlorofluoromethane (T)

2.48min (-0.000) 21.94ug/L m

response 454840

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.80
0.00	0.00	0.00
0.00	0.00	0.00

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike Dup

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-MSD1 File ID: J5819.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 21:27

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	27.6	
79-34-5	1,1,2,2-Tetrachloroethane	1	30.8	
79-00-5	1,1,2-Trichloroethane	1	30.2	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	25.6	
75-34-3	1,1-Dichloroethane	1	28.4	
75-35-4	1,1-Dichloroethene	1	26.5	
120-82-1	1,2,4-Trichlorobenzene	1	28.8	
96-12-8	1,2-Dibromo-3-chloropropane	1	29.8	
106-93-4	1,2-Dibromoethane (EDB)	1	30.6	
95-50-1	1,2-Dichlorobenzene	1	28.8	
107-06-2	1,2-Dichloroethane	1	30.0	
540-59-0	1,2-Dichloroethene, Total	1	57.9	
78-87-5	1,2-Dichloropropane	1	29.0	
541-73-1	1,3-Dichlorobenzene	1	28.2	
106-46-7	1,4-Dichlorobenzene	1	28.4	
78-93-3	2-Butanone (MEK)	1	154	
591-78-6	2-Hexanone	1	150	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	154	
67-64-1	Acetone	1	180	
71-43-2	Benzene	1	28.8	
75-27-4	Bromodichloromethane	1	27.4	
75-25-2	Bromoform	1	26.1	
74-83-9	Bromomethane	1	30.0	
75-15-0	Carbon disulfide	1	19.8	
56-23-5	Carbon Tetrachloride	1	25.4	
108-90-7	Chlorobenzene	1	28.4	
124-48-1	Chlorodibromomethane	1	26.8	
75-00-3	Chloroethane	1	26.8	
67-66-3	Chloroform	1	29.2	
74-87-3	Chloromethane	1	27.5	
156-59-2	cis-1,2-Dichloroethene	1	29.6	
10061-01-5	cis-1,3-Dichloropropene	1	27.1	
110-82-7	Cyclohexane	1	24.9	
75-71-8	Dichlorodifluoromethane	1	24.7	
100-41-4	Ethylbenzene	1	27.6	
98-82-8	Isopropylbenzene	1	27.6	
79-20-9	Methyl Acetate	1	31.3	
1634-04-4	Methyl tert-Butyl Ether	1	30.8	
108-87-2	Methylcyclohexane	1	25.0	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike Dup

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0253-MSD1 File ID: J5819.D

Sampled: Prepared: 07/06/10 14:30 Analyzed: 07/06/10 21:27

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0253 Sequence: T002985 Calibration: R10G020 Instrument: HP5973J

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	28.3	
100-42-5	Styrene	1	28.8	
127-18-4	Tetrachloroethene	1	26.6	
108-88-3	Toluene	1	28.0	
156-60-5	trans-1,2-Dichloroethene	1	28.3	
10061-02-6	trans-1,3-Dichloropropene	1	27.3	
79-01-6	Trichloroethene	1	37.8	
75-69-4	Trichlorofluoromethane	1	25.6	
75-01-4	Vinyl chloride	1	26.4	
1330-20-7	Xylenes, total	1	83.8	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.3	93	66 - 137	
4-Bromofluorobenzene	25.0	23.7	95	73 - 120	
Toluene-d8	25.0	24.2	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	496101	8.71	505586	8.71	
1,4-Difluorobenzene	942128	4.75	942126	4.75	
Chlorobenzene-d5	865169	6.86	862320	6.86	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.75	114	942128	25.00	ug/L		0.00 100.00%
42) CI20	Chlorobenzene-D5	6.86	117	865169	25.00	ug/L		0.00 100.33%
61) CI30	1,4-Dichlorobenzene-	8.71	152	496101	25.00	ug/L		0.00 98.12%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.51	65	378017	23.31	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137		Recovery =	93.24%		
43) CS05	Toluene-D8	5.77	98	1394979	24.19	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126		Recovery =	96.76%		
60) CS10	p-Bromofluorobenzene	7.76	174	421210	23.67	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120		Recovery =	94.68%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.69	85	372154	24.70	ug/L		99
3) C010	Chloromethane	1.83	50	314954	27.51	ug/L		99
4) C020	Vinyl chloride	1.94	62	311122	26.37	ug/L		95
5) C015	Bromomethane	2.21	94	234750	30.05	ug/L		97
6) C025	Chloroethane	2.27	64	253749	26.79	ug/L		99
7) C275	Trichlorofluorometha	2.49	101	299104 m	~~14.67~~ 25.60	ug/L		99
8) C045	1,1-Dichloroethene	2.82	96	359621	26.54	ug/L	#	78
9) C030	Methylene chloride	3.16	84	479944	28.28	ug/L	#	86
10) C040	Carbon disulfide	3.00	76	803342	19.75	ug/L		98
11) C036	Acrolein	2.76	56	673703	652.02	ug/L		94
12) C038	Acrylonitrile	3.31	53	906238	150.26	ug/L		99
13) C035	Acetone	2.86	43	819755	179.91	ug/L		100
14) C300	Acetonitrile	3.06	41	2229345	1191.68	ug/L		97
15) C276	Iodomethane	2.95	142	477359	28.38	ug/L		91
16) C291	1,1,2 Trichloro-1,2,	2.82	101	311023	25.60	ug/L		93
17) C962	T-butyl Methyl Ether	3.30	73	1440824	30.82	ug/L		96
18) C057	trans-1,2-Dichloroet	3.32	96	426373	28.28	ug/L		94
19) C255	Methyl Acetate	3.06	43	414539	31.27	ug/L		94
20) C050	1,1-Dichloroethane	3.60	63	722006	28.36	ug/L		96
21) C125	Vinyl Acetate	3.59	43	4486541	155.48	ug/L		97
22) C051	2,2-Dichloropropane	3.97	77	487751	24.44	ug/L	#	43
23) C056	cis-1,2-Dichloroethe	3.97	96	485342	29.62	ug/L		97
24) C272	Tetrahydrofuran	4.16	42	729241	147.58	ug/L		96
25) C222	Bromochloromethane	4.14	128	239433	30.18	ug/L		98
26) C060	Chloroform	4.17	83	737428	29.25	ug/L		96
27) C115	1,1,1-Trichloroethan	4.30	97	600744	27.57	ug/L		94
28) C120	Carbon tetrachloride	4.40	117	461700	25.45	ug/L		96
29) C116	1,1-Dichloropropene	4.39	75	537833	26.12	ug/L		97
31) C165	Benzene	4.53	78	1818440	28.76	ug/L		100
32) C065	1,2-Dichloroethane	4.56	62	602387	30.00	ug/L		97
33) C110	2-Butanone	3.96	43	1122733	154.33	ug/L		95
34) C256	Cyclohexane	4.32	56	591834	24.90	ug/L	#	80
35) C150	Trichloroethene	4.95	95	577644	37.77	ug/L		94
36) C140	1,2-Dichloropropane	5.11	63	441796	28.99	ug/L		100
37) C278	Dibromomethane	5.21	93	270615	30.27	ug/L		98
38) C130	Bromodichloromethane	5.30	83	533219	27.42	ug/L		95
39) C161	2-Chloroethylvinyl E	5.45	63	1599748	153.33	ug/L	#	86
40) C012	Methylcycolhexane	5.06	83	679192	24.99	ug/L	#	84

Quantitation Report (Not Reviewed)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

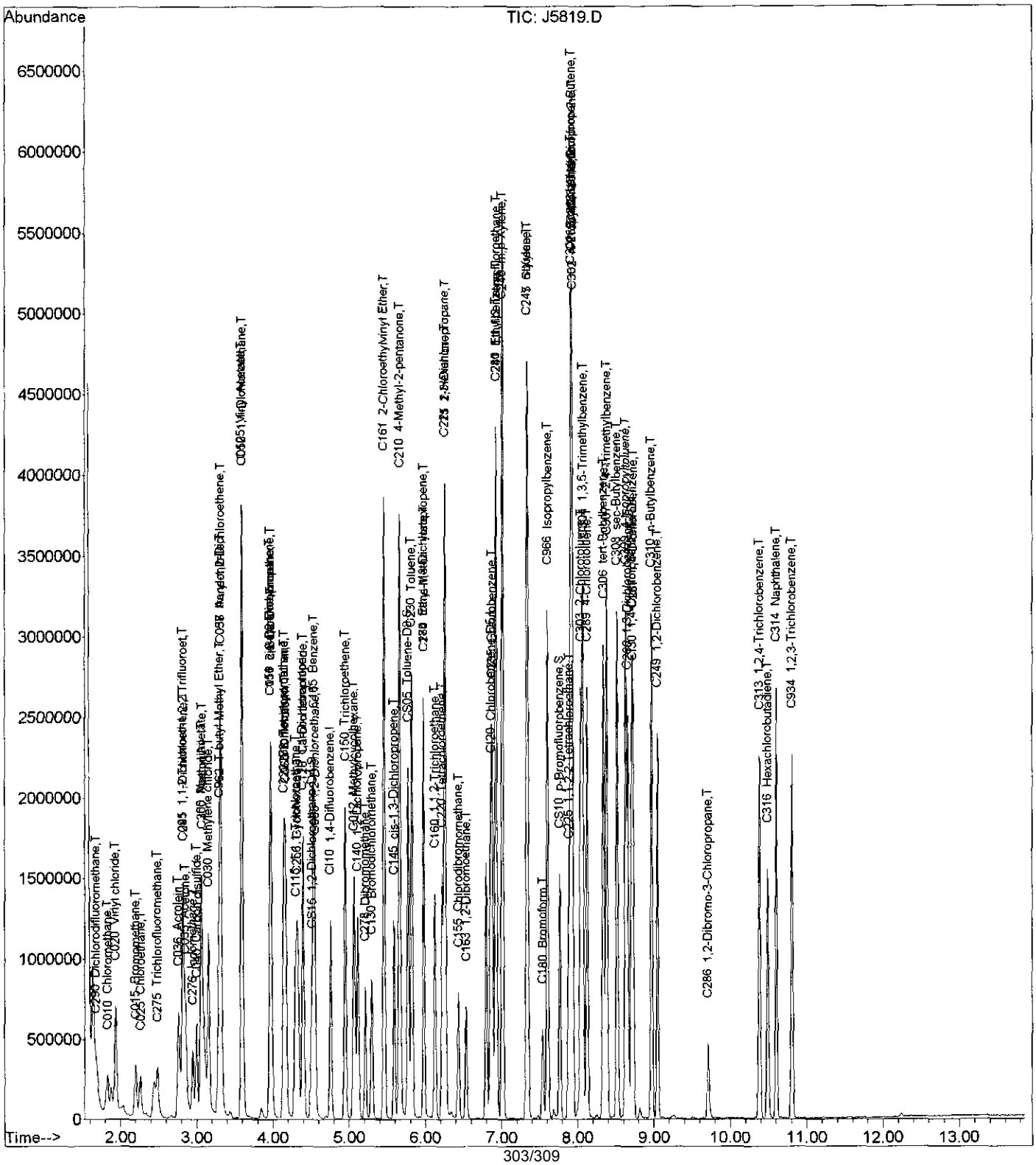
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloroprop	5.59	75	671473	27.07	ug/L		93
44) C230	Toluene	5.82	92	1175269	28.01	ug/L		97
45) C170	trans-1,3-Dichloropr	5.98	75	636330	27.28	ug/L		91
46) C284	Ethyl Methacrylate	5.98	69	689264	30.77	ug/L	#	73
47) C160	1,1,2-Trichloroethan	6.13	83	362720	30.24	ug/L		93
48) C210	4-Methyl-2-pentanone	5.66	43	2373675	153.53	ug/L	#	83
49) C220	Tetrachloroethene	6.22	166	443803	26.55	ug/L		98
50) C221	1,3-Dichloropropane	6.25	76	743074	29.91	ug/L		100
51) C155	Chlorodibromomethane	6.44	129	407295	26.77	ug/L		99
52) C163	1,2-Dibromoethane	6.53	107	462420	30.58	ug/L		100
53) C215	2-Hexanone	6.26	43	1681503	149.78	ug/L	#	83
54) C235	Chlorobenzene	6.88	112	1220969	28.36	ug/L		98
55) C281	1,1,1,2-Tetrachloroe	6.94	131	416600	29.14	ug/L	#	84
56) C240	Ethylbenzene	6.93	91	2101753	27.60	ug/L		96
57) C246	m,p-Xylene	7.02	106	1736489	55.37	ug/L		93
58) C247	o-Xylene	7.33	106	870513	28.41	ug/L		92
59) C245	Styrene	7.34	104	1471208	28.83	ug/L		95
62) C180	Bromoform	7.55	173	258842	26.13	ug/L		98
63) C966	Isopropylbenzene	7.61	105	2169889	27.61	ug/L		98
64) C301	Bromobenzene	7.91	156	545345	29.45	ug/L	#	69
65) C225	1,1,2,2-Tetrachloroe	7.88	83	621179	30.84	ug/L		99
66) C282	1,2,3-Trichloropropa	7.93	110	184665	31.52	ug/L		100
67) C283	t-1,4-Dichloro-2-But	7.92	53	611704	109.27	ug/L	#	57
68) C302	n-Propylbenzene	7.94	91	2559757	27.24	ug/L		97
69) C303	2-Chlorotoluene	8.04	126	501968	27.94	ug/L		100
70) C289	4-Chlorotoluene	8.12	126	520371	28.31	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.07	105	1882724	28.51	ug/L		99
72) C306	tert-Butylbenzene	8.34	134	393827	27.52	ug/L		100
73) C307	1,2,4-Trimethylbenze	8.38	105	1940723	28.61	ug/L		100
74) C308	sec-Butylbenzene	8.51	105	2351300	27.44	ug/L		98
75) C260	1,3-Dichlorobenzene	8.66	146	1049429	28.18	ug/L		97
76) C309	4-Isopropyltoluene	8.63	119	1925439	27.69	ug/L		92
77) C267	1,4-Dichlorobenzene	8.73	146	1084948	28.44	ug/L		93
78) C249	1,2-Dichlorobenzene	9.05	146	1047619	28.85	ug/L		99
79) C310	n-Butylbenzene	8.97	91	1756008	27.02	ug/L		97
80) C286	1,2-Dibromo-3-Chloro	9.71	75	114035	29.80	ug/L	#	84
81) C313	1,2,4-Trichlorobenze	10.39	180	722905	28.80	ug/L		98
82) C316	Hexachlorobutadiene	10.49	225	302462	26.17	ug/L		99
83) C314	Naphthalene	10.61	128	2205266	29.81	ug/L		100
84) C934	1,2,3-Trichlorobenze	10.81	180	696749	28.44	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

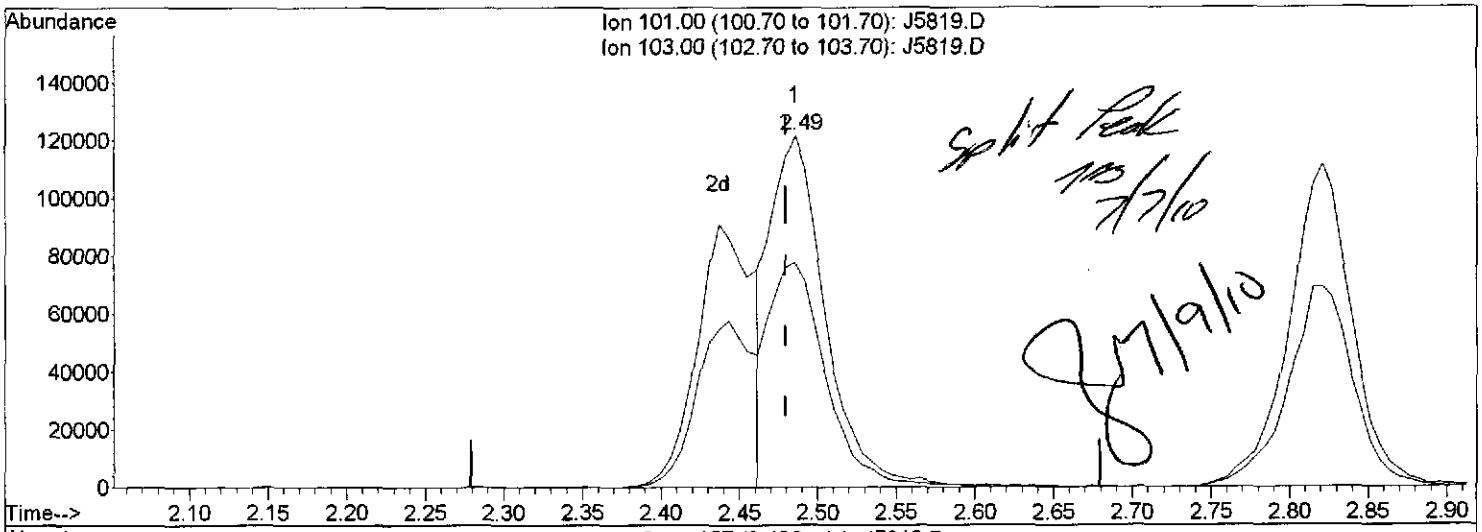
Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

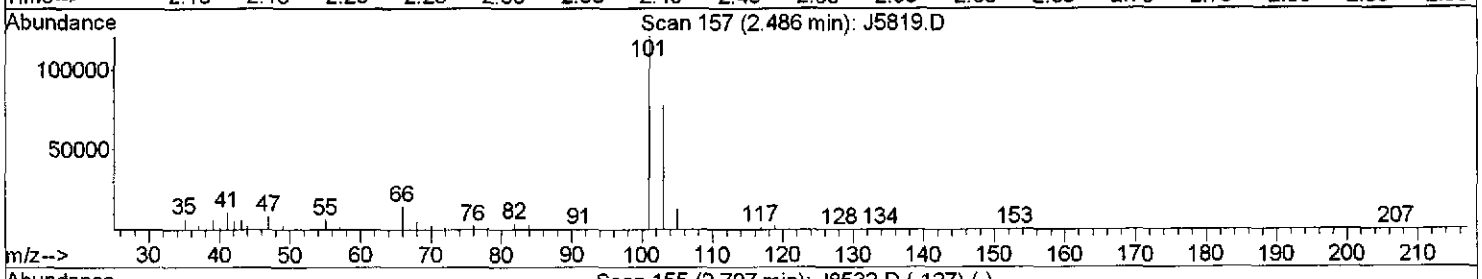
Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

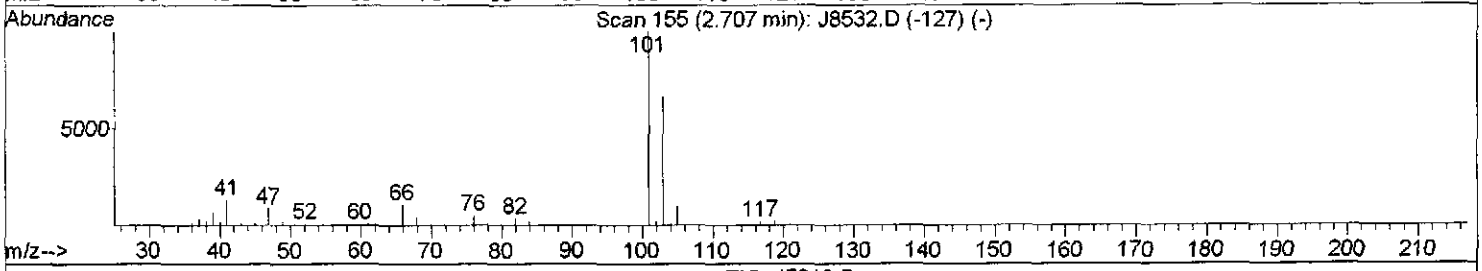

Abundance
TIC: J5819.D
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
C286 1,2-Dibromo-3-Chloropropane,T
C316 Hexachlorobutadiene,T
C313 1,2,4-Trichlorobenzene,T
C314 Naphthalene,T
C934 1,2,3-Trichlorobenzene,T
C249 1,2-Dichlorobenzene,T
C310 n-Butylbenzene,T
C306 tert-Butylbenzene,T
C308 sec-Butylbenzene,T
C966 Isopropylbenzene,T
C180 Bromoform,T
C161 2-Chloroethylvinyl Ether,T
C210 4-Methyl-2-pentanone,T
C305 Toluene-D8,S
C145 cis-1,3-Dichloropropene,T
C150 Trichloroethene,T
C110 1,4-Difluorobenzene,I
C275 Trichlorofluoromethane,T
C010 Chloroethane,T
C020 Vinyl chloride,T
C030 Methylene chloride,T
C036 Acrolein,T
C276 Dichlorodifluoromethane,T
C015 Bromomethane,T
C155 Chloromethane,T
C163 1,2-Dibromoethane,I
C160 1,1,2-Trichloroethane,T
C130 Dibromofluoromethane,S
C140 1,1-Dichloroethene,T
C278 Chloroethane-D5,S
C116 Carbon disulfide,T
C118 Carbon tetrachloride,T
C120 Chlorobenzene,T
C316 1,2-Dichloroethane-D4,S
C316 1,2-Dichloroethane,T
C316 Benzene,T
C316 1,2-Dichloroethane,I
C316 Trichloroethene,T
C316 1,4-Difluorobenzene,I
C316 Trichloroethene,T

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration







TIC: J5819.D

(7) C275 *Trichlorofluoromethane (T)*

2.49min (+0.006) 14.67ug/L

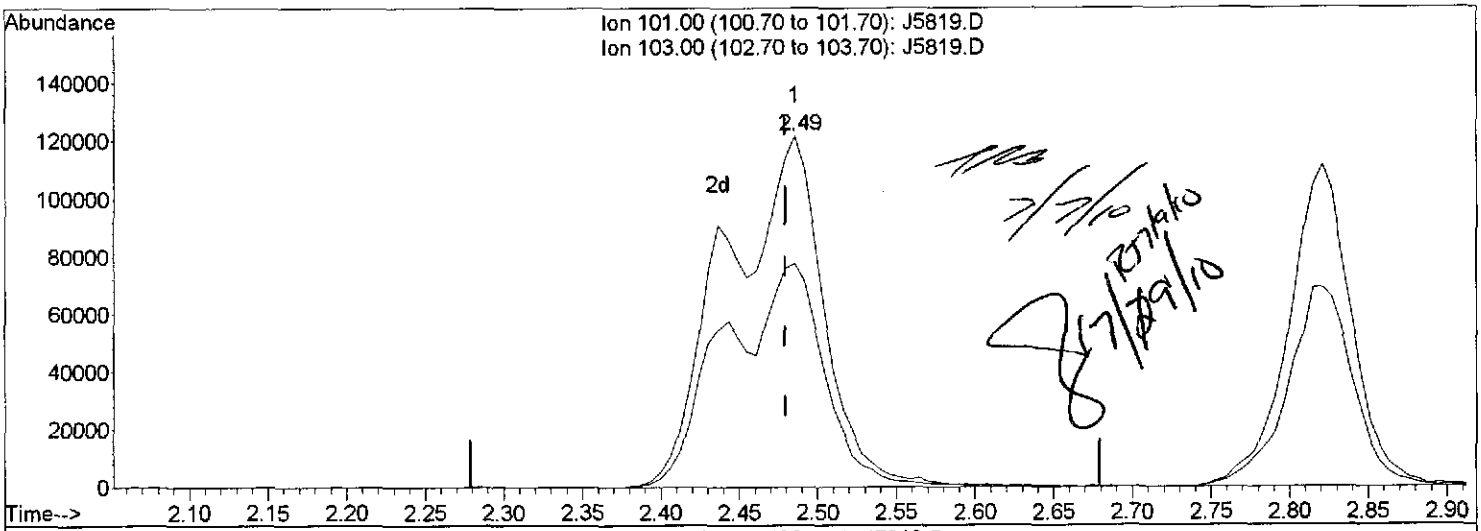
response 299104

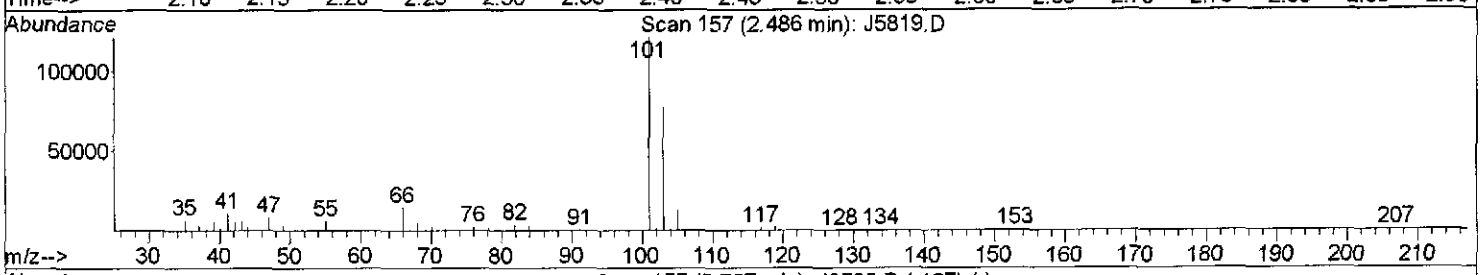
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.77
0.00	0.00	0.00
0.00	0.00	0.00

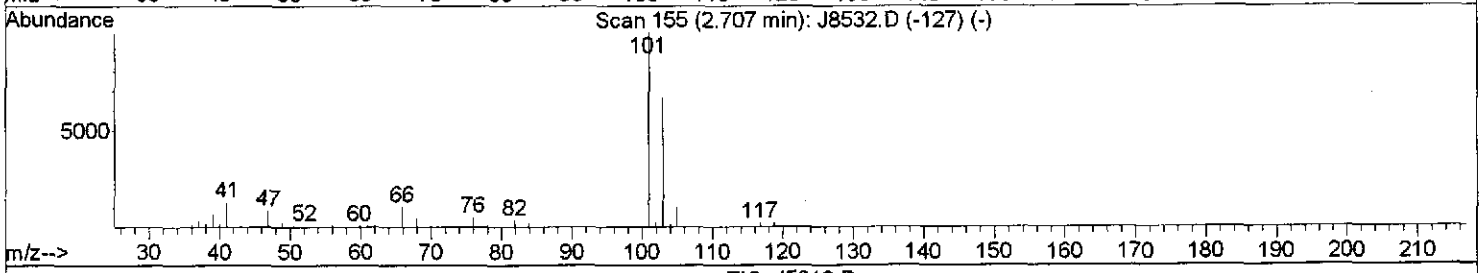
Quantitation Report (Qedit)

Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration







TIC: J5819.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.006) 25.60ug/L m

response 521980

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.77
0.00	0.00	0.00
0.00	0.00	0.00

HOLDING TIME SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WL-7 (10-12)	07/01/10 13:30	07/03/10 09:30	07/06/10 15:17	5	14	07/06/10 15:58	5	14	
WL-7 (10-12)	07/01/10 13:30	07/03/10 09:30	07/07/10 08:51	6	14	07/07/10 11:03	6	14	
WL-7 (24-26)	07/01/10 15:55	07/03/10 09:30	07/06/10 15:17	5	14	07/06/10 16:20	5	14	
WL-7 (38-40)	07/01/10 15:10	07/03/10 09:30	07/06/10 15:17	5	14	07/06/10 16:43	5	14	
WL-1 (7-9)	07/02/10 09:42	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 17:04	4	14	
WL-1 (11-13)	07/02/10 09:32	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 17:26	4	14	
WL-1 (23-25)	07/02/10 10:41	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 17:48	4	14	
WL-1 (30-32)	07/02/10 10:29	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 18:10	4	14	
WL-2 (8-10)	07/02/10 11:40	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 18:32	4	14	
WL-2 (12-14)	07/02/10 11:54	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 18:53	4	14	
WL-2 (26-28)	07/02/10 13:33	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 19:15	4	14	
WL-2 (30-32)	07/02/10 13:49	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 19:37	4	14	
WL-3 (10-12)	07/02/10 14:50	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 19:59	4	14	
WL-3 (24-26)	07/02/10 15:08	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 20:21	4	14	
WL-3 (30-32)	07/02/10 15:40	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 20:43	4	14	
DUP070210	07/02/10 00:00	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 21:49	4	14	
TRIP BLANK	07/02/10 00:00	07/03/10 09:30	07/06/10 15:17	4	14	07/06/10 22:11	4	14	

* Indicates a Holding Time violation.

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-12
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/1/10	1257	MB	J5758	T002821-CAL1	ICAL	25mL		
	1320		J5759	CAL6				
	1343		J5760	CAL7				
	1406		J5761	CAL8				
	1429		J5762	CAL9				
	1453		J5763	CALA				
7/2/10	0844	MB	J5764	T002939-TUNE	QC	5mL		
	0856		J5765	CCV1		25mL		
	0919		J5766	CCV2				
	0942		J5767	10G0108-BS1				
	1006		J5768	BLK1				
	1030		J5769	RTF1523-05	RTF1523			
	1053		J5770	06				
	1117		J5771	07				
	1140		J5772	01				
	1204		J5773	02				
	1228		J5774	03				
	1252		J5775	04				
	1316		J5776	08				
	1339		J5777	09				
	1403		J5778	DSCF1				2
7/7/2010	1554		J5779	RTG0454-01	RTG0454			
	1617		J5780	02				
	1640		J5781	03				
	1704		J5782	04				
	1711	RJ	J5783	10G0155-BS1	RJ DCS			
	1750		J5784	BS2				
	1817		J5785	BS3				
	1837		J5786	BS4				
	1900	QC	J5787	10G0161-BS1	CAL CCV			
	1923		J5788	-BS2				
	1946		J5789	-BS3				
	2009		J6790	-BS4				
7/8/10	1013	MB	J5791	T002973-TUNE	ICAL	5mL		
	1133		J5792	CAL1				
	1155		J5793	CAL2				
	1217		J5794	CAL3				
	1240		J5795	CAL4				

REVIEWED BY _____ PAGE 000061

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-12
Rev. 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
RT08347	RT08350/RT08351			
RT08352 = RT08353				
RT08354				
RT08355				
RT08356				
RT08357				
RT07814	RT08349/RT08349			Rss
RT08352				R10G001 (SR1 25mL)
RT08358				R10G001ADD (ADD 25mL)
RT08370				
		Y	✓	R1 RE1 2x
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
RT08370				
RT07814	RT08480/RT08482			Rss
RT08353, RT07576 = RT08485				+ Nit Used
RT08486				
RT08487				R10G020
RT08488				8266 5mL

REVIEWED BY _____ PAGE 000062

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
/10	1301	[illegible]	J5796	T002973-CAL5	ICAL	5mL		
	1327		J5797	IBLK				
	1349		J5798	CAL1				
	1417		J5799	SCV1	QC			
/10	1437	[illegible]	J5800	T002985-TUN1	QC	1mL		
	1449		J5801	CCV1		5mL		
	1511		J5802	10G0253-BS1				
	1533		J5803	BLK1				
	1558		J5804	RTG0521-01	RTG0521			1
	1620		J5805	02				1
7/7/10	~~1704~~ 1643		J5806	03				1
	1704		J5807	04				1
	1726		J5808	05				1
	1748		J5809	06				1
	1810		J5810	07				1
	1832		J5811	08				1
	1853		J5812	09				1
	1915		J5813	10				1
	1937		J5814	11				1
	1959		J5815	12				1
	2021		J5816	13				1
	2043		J5817	14				1
	2105		J5818	10G0253-MS1 (14ms)				1
	2127		J5819	MSD1 (14SD)				1
	2149		J5820	17				1
	2211		J5821	18				1
	2232		J5822	RTG0415-01	RTG0415			1
	2254		J5823	02				1
	2316		J5824	03				1
	2338		J5825	04				1
/10	0916	[illegible]	J5826	T002997-TUN1	QC	1mL		
	0929		J5827	CCV1		5mL		
	0951		J5828	10G0303-BS1				
	1014		J5829	BLK1				
	1041		J5830	RTG0415-03RE1	RTG0415			10
	1103		J5831	RTG0521-01 RE1	RTG0521			2
	1126		J5832	RTG0416-01	RTG0416			1
	1148		J5833	02				1

308/309

REVIEWED BY_____ PAGE 000063

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
RT08482	RT08480/RT08482			
RT08485				
RT07167, RT07146, RT08365 = RT08492				
RT07814	RT08480/RT08482			Pass
RT08490				R10G020 (8260 5mL)
RT08491				
		Y	7	Rf RE1 2X
			7	
			7	
			7	
			7	
			✓	
			7	
			✓	
			7	
			7	
			7	
			✓	
			7	
			7	
RT08491			7	
			7	
			✓	
			✓	
			✓	
			✓	
		Y	✓	Rf RE1 10X
			✓	
RT07814	RT08480/RT08482			Pass
RT08490				R10G020 (8260 5mL)
RT08491				
			X	
			7	
			X	
			X	

REVIEWED BY_____ PAGE 000064

Volatile Organic Example Calculation

METHOD 8260/624/OLM04.3

Aqueous Matrix

$$\frac{\text{Amt (ug/L)} \times \text{DF}}{} = \text{ug/l}$$

Amt = ug/L on column
DF=Dilution Factor (no units)

METHOD 8260/OLM04.3

Medium-Level Soil Matrix

$$\frac{\text{Amt (UG/L} \times \text{DF} \times \text{FV}}{\text{SW} \times \text{DDW} \times \text{inj Vol}} \times 1000 = \text{ug/kg}$$

Amt = Amount on column (ug/L x 5 =ng)
DF=Dilution Factor (no units)
FV= Final Volume (ml) (FV /50)
Inj Vol= injection volume(ul)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

METHOD 8260/OLM04.3

Low-Level Soil Matrix

$$\frac{\text{Amt (ng)} \times \text{DF}}{\text{SW} \times \text{DDW}} = \text{ug/kg}$$

Amt = ng on column
DF=Dilution Factor (no units)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RTG0721

Project Description
LMC - Utica, NY

For:

Jeff Bonsteel
ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Candace L. Fox

Candace Fox
Project Manager
candace.fox@testamericainc.com
Monday, July 19, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

TestAmerica Buffalo
Current Certifications

As of 06/17/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire *	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York *	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412 -08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for p arameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
P6	Sample received unpreserved, however the sample was analyzed within 7 days per EPA recommendation.
R2	The RPD exceeded the acceptance limit.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01 (WL-5 (10-12) - Water)					**Sampled: 07/06/10 11:25**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,2-Trichlorotrifluoroethane	1.0		1.0	0.31	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1-Dichloroethene	0.77	J	1.0	0.29	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethene, Total	180		2.0	0.70	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Benzene	2.5		1.0	0.41	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
cis-1,2-Dichloroethene	180	E	1.0	0.81	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Cyclohexane	3.4		1.0	0.18	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Tetrachloroethene	0.81	J	1.0	0.36	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Toluene	2.1		1.0	0.51	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
trans-1,2-Dichloroethene	2.2		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Trichloroethene	5.0		1.0	0.46	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Vinyl chloride	78		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Xylenes, total	1.5	J	2.0	0.66	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Sample ID: RTG0721-01RE1 (WL-5 (10-12) - Water)					**Sampled: 07/06/10 11:25**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	200	D08	8.0	2.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Benzene	2.2	D08,J	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
cis-1,2-Dichloroethene	190	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Cyclohexane	3.1	D08,J	4.0	0.72	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Trichloroethene	4.1	D08	4.0	1.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Vinyl chloride	77	D08	4.0	3.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Sample ID: RTG0721-02 (WL-5 (19-21) - Water)					**Sampled: 07/06/10 11:35**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	6.8		2.0	0.70	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Trichloroethene	0.56	J	1.0	0.46	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Vinyl chloride	0.99	J	1.0	0.90	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Sample ID: RTG0721-03 (WL-5 (30-32) - Water)					**Sampled: 07/06/10 11:45**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	1.8	J	2.0	0.70	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Sample ID: RTG0721-04 (WL-4 (10-12) - Water)					**Sampled: 07/06/10 09:35**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	3.4	P6,J	10	3.0	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Sample ID: RTG0721-05 (WL-4 (24-26) - Water)					**Sampled: 07/06/10 09:40**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	5.9	P6,J	10	3.0	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Sample ID: RTG0721-06 (WL-6 (10-12) - Water)					**Sampled: 07/06/10 14:10**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.3		1.0	0.82	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06 (WL-6 (10-12) - Water) - cont.						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
1,1,2-Trichlorotrifluoroethane	21		1.0	0.31	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethene	1.1		1.0	0.29	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethene, Total	140		2.0	0.70	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
cis-1,2-Dichloroethene	140	E	1.0	0.81	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
trans-1,2-Dichloroethene	1.3		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Trichloroethene	47		1.0	0.46	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Vinyl chloride	5.6		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Sample ID: RTG0721-06RE1 (WL-6 (10-12) - Water)						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.4	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	19	D08	2.0	0.62	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethane	2.0	D08	2.0	0.77	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethene	1.0	D08,J	2.0	0.59	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethene, Total	140	D08	4.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
cis-1,2-Dichloroethene	140	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Trichloroethene	46	D08	2.0	0.92	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Vinyl chloride	5.8	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Sample ID: RTG0721-07 (WL-6 (30-32) - Water)						**Sampled: 07/06/10 14:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	2.3		2.0	0.70	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Trichloroethene	2.8		1.0	0.46	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Sample ID: RTG0721-08 (WL-8 (25-27) - Water)						**Sampled: 07/06/10 15:50**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Sample ID: RTG0721-09 (WL-8 (30-32) - Water)						**Sampled: 07/06/10 15:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	8.9	J	10	3.0	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Carbon disulfide	0.97	J	1.0	0.19	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Ethylbenzene	1.2		1.0	0.74	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Toluene	1.0		1.0	0.51	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Trichloroethene	0.70	J	1.0	0.46	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Xylenes, total	1.9	J	2.0	0.66	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Sample ID: RTG0721-10 (WL-4 (30-32) - Water)						**Sampled: 07/06/10 09:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	6.5	P6,J	10	3.0	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Sample ID: RTG0721-11 (WL-8 (10-12) - Water)						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11 (WL-8 (10-12) - Water) - cont.						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichlorobenzene	5.4		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.2		2.0	0.70	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Benzene	1.2		1.0	0.41	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Cyclohexane	26		1.0	0.18	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Ethylbenzene	160	E	1.0	0.74	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Isopropylbenzene	3.0		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methylcyclohexane	12		1.0	0.16	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Toluene	10		1.0	0.51	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Vinyl chloride	1.1		1.0	0.90	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Xylenes, total	360	E	2.0	0.66	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Sample ID: RTG0721-11RE1 (WL-8 (10-12) - Water)						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichlorobenzene	5.5	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Cyclohexane	25	D08	4.0	0.72	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methylcyclohexane	11	D08	4.0	0.64	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Xylenes, total	340	D08	8.0	2.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Sample ID: RTG0721-12 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,2-Trichlorotrifluoroethane	1.0		1.0	0.31	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethene	4.5		1.0	0.29	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethene, Total	28		2.0	0.70	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Benzene	2.6		1.0	0.41	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
cis-1,2-Dichloroethene	27		1.0	0.81	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Trichloroethene	450	E	1.0	0.46	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Vinyl chloride	11		1.0	0.90	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Sample ID: RTG0721-12RE1 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	4.9	D08,J	8.0	2.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethene, Total	25	D08	16	5.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
cis-1,2-Dichloroethene	25	D08	8.0	6.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Trichloroethene	420	D08	8.0	3.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Vinyl chloride	10	D08	8.0	7.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Sample ID: RTG0721-15 (DUP-070710 - Water)						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichlorobenzene	5.7		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.4		2.0	0.70	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Benzene	1.2		1.0	0.41	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15 (DUP-070710 - Water) - cont.					**Sampled: 07/07/10**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Cyclohexane	26		1.0	0.18	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Ethylbenzene	160	E	1.0	0.74	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Isopropylbenzene	3.1		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methylcyclohexane	12		1.0	0.16	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Toluene	11		1.0	0.51	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
trans-1,2-Dichloroethene	0.90	J	1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Vinyl chloride	1.2		1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Xylenes, total	360	E	2.0	0.66	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Sample ID: RTG0721-15RE1 (DUP-070710 - Water)					**Sampled: 07/07/10**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichlorobenzene	5.6	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Cyclohexane	26	D08	4.0	0.72	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methylcyclohexane	10	D08	4.0	0.64	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Xylenes, total	350	D08	8.0	2.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Sample ID: RTG0721-17 (WL-9 (25-27) - Water)					**Sampled: 07/07/10 10:55**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,2-Trichlorotrifluoroethane	0.50	J	1.0	0.31	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Acetone	3.1	J	10	3.0	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Carbon disulfide	0.50	J	1.0	0.19	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Tetrachloroethene	5.5		1.0	0.36	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Trichloroethene	21		1.0	0.46	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Sample ID: RTG0721-18 (WL-9 (30-32) - Water)					**Sampled: 07/07/10 10:40**			**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
Tetrachloroethene	5.8		1.0	0.36	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Trichloroethene	23		1.0	0.46	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
WL-5 (10-12)	RTG0721-01	Water	07/06/10 11:25	07/08/10 10:20	
WL-5 (19-21)	RTG0721-02	Water	07/06/10 11:35	07/08/10 10:20	
WL-5 (30-32)	RTG0721-03	Water	07/06/10 11:45	07/08/10 10:20	
WL-4 (10-12)	RTG0721-04	Water	07/06/10 09:35	07/08/10 10:20	
WL-4 (24-26)	RTG0721-05	Water	07/06/10 09:40	07/08/10 10:20	
WL-6 (10-12)	RTG0721-06	Water	07/06/10 14:10	07/08/10 10:20	
WL-6 (30-32)	RTG0721-07	Water	07/06/10 14:20	07/08/10 10:20	
WL-8 (25-27)	RTG0721-08	Water	07/06/10 15:50	07/08/10 10:20	
WL-8 (30-32)	RTG0721-09	Water	07/06/10 15:40	07/08/10 10:20	
WL-4 (30-32)	RTG0721-10	Water	07/06/10 09:45	07/08/10 10:20	
WL-8 (10-12)	RTG0721-11	Water	07/07/10 09:20	07/08/10 10:20	
WL-9 (10-12)	RTG0721-12	Water	07/07/10 10:45	07/08/10 10:20	
DUP-070710	RTG0721-15	Water	07/07/10	07/08/10 10:20	
FB-070710	RTG0721-16	Water	07/07/10 11:35	07/08/10 10:20	
WL-9 (25-27)	RTG0721-17	Water	07/07/10 10:55	07/08/10 10:20	
WL-9 (30-32)	RTG0721-18	Water	07/07/10 10:40	07/08/10 10:20	
TB-070710	RTG0721-19	Water	07/07/10	07/08/10 10:20	

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01 (WL-5 (10-12) - Water)						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	1.0		1.0	0.31	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1-Dichloroethene	0.77	J	1.0	0.29	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethene, Total	180		2.0	0.70	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Benzene	2.5		1.0	0.41	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
cis-1,2-Dichloroethene	180	E	1.0	0.81	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Cyclohexane	3.4		1.0	0.18	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Tetrachloroethene	0.81	J	1.0	0.36	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Toluene	2.1		1.0	0.51	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
trans-1,2-Dichloroethene	2.2		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Trichloroethene	5.0		1.0	0.46	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01 (WL-5 (10-12) - Water) - cont.						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Vinyl chloride	78		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Xylenes, total	1.5	J	2.0	0.66	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01RE1 (WL-5 (10-12) - Water)						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	4.0	1.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichlorobenzene	ND	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethene, Total	200	D08	8.0	2.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Benzene	2.2	D08,J	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromomethane	ND	D08	4.0	2.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
cis-1,2-Dichloroethene	190	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Cyclohexane	3.1	D08,J	4.0	0.72	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Ethylbenzene	ND	D08	4.0	3.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methylcyclohexane	ND	D08	4.0	0.64	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Toluene	ND	D08	4.0	2.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
trans-1,3-Dichloropropene	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Trichloroethene	4.1	D08	4.0	1.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01RE1 (WL-5 (10-12) - Water) - cont.						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Vinyl chloride	77	D08	4.0	3.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Xylenes, total	ND	D08	8.0	2.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethane-d4	*82 %*	*D08*	*Surr Limits: (66-137%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*
4-Bromofluorobenzene	*93 %*	*D08*	*Surr Limits: (73-120%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*
Toluene-d8	*99 %*	*D08*	*Surr Limits: (71-126%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-02 (WL-5 (19-21) - Water)						**Sampled: 07/06/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethene, Total	6.8		2.0	0.70	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Trichloroethene	0.56	J	1.0	0.46	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-02 (WL-5 (19-21) - Water) - cont.						**Sampled: 07/06/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Vinyl chloride	0.99	J	1.0	0.90	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*		*Surr Limits: (66-137%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*		*Surr Limits: (73-120%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*
Toluene-d8	*87 %*		*Surr Limits: (71-126%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-03 (WL-5 (30-32) - Water)						**Sampled: 07/06/10 11:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethene, Total	1.8	J	2.0	0.70	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-03 (WL-5 (30-32) - Water) - cont.						**Sampled: 07/06/10 11:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethane-d4	*84 %*		*Surr Limits: (66-137%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*83 %*		*Surr Limits: (73-120%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*
Toluene-d8	*84 %*		*Surr Limits: (71-126%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-04 (WL-4 (10-12) - Water)						**Sampled: 07/06/10 09:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Acetone	3.4	P6,J	10	3.0	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-04 (WL-4 (10-12) - Water) - cont.						**Sampled: 07/06/10 09:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethane-d4	*87 %*	*P6*	*Surr Limits: (66-137%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*81 %*	*P6*	*Surr Limits: (73-120%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*
Toluene-d8	*86 %*	*P6*	*Surr Limits: (71-126%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-05 (WL-4 (24-26) - Water)						**Sampled: 07/06/10 09:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Acetone	5.9	P6,J	10	3.0	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-05 (WL-4 (24-26) - Water) - cont.						**Sampled: 07/06/10 09:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*	*P6*	*Surr Limits: (66-137%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*	*P6*	*Surr Limits: (73-120%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*	*P6*	*Surr Limits: (71-126%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06 (WL-6 (10-12) - Water)						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.3		1.0	0.82	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	21		1.0	0.31	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethene	1.1		1.0	0.29	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethene, Total	140		2.0	0.70	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
cis-1,2-Dichloroethene	140	E	1.0	0.81	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
trans-1,2-Dichloroethene	1.3		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Trichloroethene	47		1.0	0.46	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06 (WL-6 (10-12) - Water) - cont.						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Vinyl chloride	5.6		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*83 %*		*Surr Limits: (73-120%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*
Toluene-d8	*85 %*		*Surr Limits: (71-126%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06RE1 (WL-6 (10-12) - Water)						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.4	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	2.0	0.43	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	2.0	0.46	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	19	D08	2.0	0.62	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethane	2.0	D08	2.0	0.77	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethene	1.0	D08,J	2.0	0.59	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	2.0	0.82	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	2.0	0.79	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichlorobenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	2.0	0.43	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethene, Total	140	D08	4.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	2.0	1.7	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	20	2.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
2-Hexanone	ND	D08	10	2.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	10	4.2	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Acetone	ND	D08	20	6.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Benzene	ND	D08	2.0	0.82	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	2.0	0.77	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromoform	ND	D08	2.0	0.51	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromomethane	ND	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Carbon disulfide	ND	D08	2.0	0.39	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	2.0	0.53	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chlorobenzene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	2.0	0.64	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloroethane	ND	D08	2.0	0.65	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloroform	ND	D08	2.0	0.67	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloromethane	ND	D08	2.0	0.69	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
cis-1,2-Dichloroethene	140	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	2.0	0.71	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Cyclohexane	ND	D08	2.0	0.36	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Ethylbenzene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methyl Acetate	ND	D08	2.0	1.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	2.0	0.32	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methylcyclohexane	ND	D08	2.0	0.32	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methylene Chloride	ND	D08	2.0	0.88	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Styrene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	2.0	0.73	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Toluene	ND	D08	2.0	1.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	2.0	0.74	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Trichloroethene	46	D08	2.0	0.92	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06RE1 (WL-6 (10-12) - Water) - cont.						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Vinyl chloride	5.8	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Xylenes, total	ND	D08	4.0	1.3	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*90 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*86 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*88 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-07 (WL-6 (30-32) - Water)						**Sampled: 07/06/10 14:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.3		2.0	0.70	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Trichloroethene	2.8		1.0	0.46	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-07 (WL-6 (30-32) - Water) - cont.						**Sampled: 07/06/10 14:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*		*Surr Limits: (66-137%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*		*Surr Limits: (71-126%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-08 (WL-8 (25-27) - Water)						**Sampled: 07/06/10 15:50**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-08 (WL-8 (25-27) - Water) - cont.						**Sampled: 07/06/10 15:50**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*	*P6*	*Surr Limits: (66-137%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*	*P6*	*Surr Limits: (73-120%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*	*P6*	*Surr Limits: (71-126%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-09 (WL-8 (30-32) - Water)						**Sampled: 07/06/10 15:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Acetone	**8.9**	J	10	3.0	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Carbon disulfide	**0.97**	J	1.0	0.19	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Ethylbenzene	1.2		1.0	0.74	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Toluene	**1.0**		1.0	0.51	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Trichloroethene	**0.70**	J	1.0	0.46	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-09 (WL-8 (30-32) - Water) - cont.						**Sampled: 07/06/10 15:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Xylenes, total	1.9	J	2.0	0.66	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-10 (WL-4 (30-32) - Water)						**Sampled: 07/06/10 09:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Acetone	**6.5**	P6,J	10	3.0	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-10 (WL-4 (30-32) - Water) - cont.						**Sampled: 07/06/10 09:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*	*P6*	*Surr Limits: (66-137%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*	*P6*	*Surr Limits: (73-120%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*	*P6*	*Surr Limits: (71-126%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11 (WL-8 (10-12) - Water)						***Sampled: 07/07/10 09:20***		***Recvd: 07/08/10 10:20***		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichlorobenzene	5.4		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.2		2.0	0.70	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Benzene	1.2		1.0	0.41	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Cyclohexane	26		1.0	0.18	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Ethylbenzene	160	E	1.0	0.74	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Isopropylbenzene	3.0		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methylcyclohexane	12		1.0	0.16	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Toluene	10		1.0	0.51	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11 (WL-8 (10-12) - Water) - cont.						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Vinyl chloride	1.1		1.0	0.90	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Xylenes, total	360	E	2.0	0.66	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11RE1 (WL-8 (10-12) - Water)						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichlorobenzene	5.5	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethene, Total	ND	D08	8.0	2.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Benzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromomethane	ND	D08	4.0	2.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
cis-1,2-Dichloroethene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Cyclohexane	25	D08	4.0	0.72	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methylcyclohexane	11	D08	4.0	0.64	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Trichloroethene	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11RE1 (WL-8 (10-12) - Water) - cont.						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Vinyl chloride	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Xylenes, total	340	D08	8.0	2.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*94 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*87 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*89 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	1.0		1.0	0.31	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethene	4.5		1.0	0.29	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethene, Total	28		2.0	0.70	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Benzene	2.6		1.0	0.41	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
cis-1,2-Dichloroethene	27		1.0	0.81	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Trichloroethene	450	E	1.0	0.46	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12 (WL-9 (10-12) - Water) - cont.						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Vinyl chloride	11		1.0	0.90	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12RE1 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	8.0	6.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	8.0	1.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	8.0	1.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	8.0	2.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1-Dichloroethene	**4.9**	D08,J	8.0	2.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	8.0	3.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichlorobenzene	ND	D08	8.0	6.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	8.0	1.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethene, Total	**25**	D08	16	5.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	8.0	6.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	8.0	6.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	80	11	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
2-Hexanone	ND	D08	40	9.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	40	17	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Acetone	ND	D08	80	24	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Benzene	ND	D08	8.0	3.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromoform	ND	D08	8.0	2.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromomethane	ND	D08	8.0	5.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Carbon disulfide	ND	D08	8.0	1.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	8.0	2.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chlorobenzene	ND	D08	8.0	6.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	8.0	2.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloroethane	ND	D08	8.0	2.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloroform	ND	D08	8.0	2.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloromethane	ND	D08	8.0	2.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
cis-1,2-Dichloroethene	**25**	D08	8.0	6.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	8.0	2.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Cyclohexane	ND	D08	8.0	1.4	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	8.0	5.4	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Ethylbenzene	ND	D08	8.0	5.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	8.0	6.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methyl Acetate	ND	D08	8.0	4.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	8.0	1.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methylcyclohexane	ND	D08	8.0	1.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methylene Chloride	ND	D08	8.0	3.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Styrene	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	8.0	2.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Toluene	ND	D08	8.0	4.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	8.0	7.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	8.0	2.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Trichloroethene	**420**	D08	8.0	3.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12RE1 (WL-9 (10-12) - Water) - cont.						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	8.0	7.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Vinyl chloride	10	D08	8.0	7.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Xylenes, total	ND	D08	16	5.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*89 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*87 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*90 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15 (DUP-070710 - Water)						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichlorobenzene	**5.7**		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethene, Total	**2.4**		2.0	0.70	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Benzene	**1.2**		1.0	0.41	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
cis-1,2-Dichloroethene	**1.4**		1.0	0.81	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Cyclohexane	**26**		1.0	0.18	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Ethylbenzene	**160**	E	1.0	0.74	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Isopropylbenzene	**3.1**		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methylcyclohexane	**12**		1.0	0.16	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Toluene	**11**		1.0	0.51	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
trans-1,2-Dichloroethene	**0.90**	J	1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15 (DUP-070710 - Water) - cont.						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Vinyl chloride	**1.2**		1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Xylenes, total	**360**	E	2.0	0.66	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits: (66-137%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*92 %*		*Surr Limits: (73-120%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15RE1 (DUP-070710 - Water)						**Sampled: 07/07/10**			**Recvd: 07/08/10 10:20**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichlorobenzene	5.6	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethene, Total	ND	D08	8.0	2.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Benzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromomethane	ND	D08	4.0	2.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
cis-1,2-Dichloroethene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Cyclohexane	26	D08	4.0	0.72	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methylcyclohexane	10	D08	4.0	0.64	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Trichloroethene	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15RE1 (DUP-070710 - Water) - cont.						**Sampled: 07/07/10**			**Recvd: 07/08/10 10:20**	
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Vinyl chloride	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Xylenes, total	350	D08	8.0	2.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*90 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*88 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*90 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-16 (FB-070710 - Water)						**Sampled: 07/07/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-16 (FB-070710 - Water) - cont.						**Sampled: 07/07/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits: (66-137%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*		*Surr Limits: (71-126%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-17 (WL-9 (25-27) - Water)						**Sampled: 07/07/10 10:55**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	0.50	J	1.0	0.31	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Acetone	3.1	J	10	3.0	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Carbon disulfide	0.50	J	1.0	0.19	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Tetrachloroethene	5.5		1.0	0.36	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Trichloroethene	21		1.0	0.46	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-17 (WL-9 (25-27) - Water) - cont.						**Sampled: 07/07/10 10:55**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*		*Surr Limits: (73-120%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-18 (WL-9 (30-32) - Water)						**Sampled: 07/07/10 10:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Tetrachloroethene	5.8		1.0	0.36	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Trichloroethene	23		1.0	0.46	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-18 (WL-9 (30-32) - Water) - cont.						**Sampled: 07/07/10 10:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits: (66-137%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-19 (TB-070710 - Water)						**Sampled: 07/07/10**			**Recvd: 07/08/10 10:20**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-19 (TB-070710 - Water) - cont.						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	10G0516	RTG0721-01	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-02	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-03	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-04	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-05	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-06	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-07	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-08	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-09	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-10	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-11	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-12	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-15	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-16	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-17	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-18	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0516	RTG0721-19	5.00	mL	5.00	mL	07/09/10 10:33	LCH	5030B MS
8260B	10G0611	RTG0721-06RE	5.00	mL	5.00	mL	07/10/10 11:19	NMD	5030B MS
8260B	10G0611	RTG0721-11RE	5.00	mL	5.00	mL	07/10/10 11:19	NMD	5030B MS
8260B	10G0611	RTG0721-12RE	5.00	mL	5.00	mL	07/10/10 11:19	NMD	5030B MS
8260B	10G0611	RTG0721-15RE	5.00	mL	5.00	mL	07/10/10 11:19	NMD	5030B MS
8260B	10G0633	RTG0721-01RE	5.00	mL	5.00	mL	07/11/10 20:04	NMD	5030B MS

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/09/10 (Lab Number:10G0516-BLK1, Batch: 10G0516)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/09/10 (Lab Number:10G0516-BLK1, Batch: 10G0516)											
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*88*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*83*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*88*	*71-126*			
LCS Analyzed: 07/09/10 (Lab Number:10G0516-BS1, Batch: 10G0516)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	22.7	91	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	23.0	92	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	22.0	88	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	22.8	91	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	43.7		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/09/10 (Lab Number:10G0516-BS1, Batch: 10G0516)											
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	22.2	89	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	22.2	89	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	21.8	87	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	22.2	89	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	21.6	86	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	0.600		57-132			J
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	23.0	92	74-122			
Toluene		25.0	1.0	0.51	ug/L	21.2	85	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	21.9	88	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	21.7	87	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	67.5	90	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*88*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*83*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*86*	*71-126*			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 07/09/10 (Lab Number:10G0516-BS1, Batch: 10G0516)

Matrix Spike Analyzed: 07/09/10 (Lab Number:10G0516-MS1, Batch: 10G0516)
QC Source Sample: RTG0721-12

1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	ND		73-126
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	ND		70-126
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	ND		76-122
1,1,2-Trichlorotrifluoroethane	1.03		1.0	0.31	ug/L	1.11		60-140
1,1-Dichloroethane	1.52	25.0	1.0	0.38	ug/L	31.0	118	71-129
1,1-Dichloroethene	4.54	25.0	1.0	0.29	ug/L	35.1	122	65-138
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	ND		70-122
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	ND		56-134
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	ND		77-120
1,2-Dichlorobenzene	ND	25.0	1.0	0.79	ug/L	27.8	111	77-120
1,2-Dichloroethane	ND	25.0	1.0	0.21	ug/L	28.4	114	75-127
1,2-Dichloroethene, Total	27.7		2.0	0.70	ug/L	82.1		72-124
1,2-Dichloropropane	ND		1.0	0.72	ug/L	ND		76-120
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	ND		77-120
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	ND		75-120
2-Butanone (MEK)	ND		10	1.3	ug/L	ND		57-140
2-Hexanone	ND		5.0	1.2	ug/L	ND		65-127
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	ND		71-125
Acetone	ND		10	3.0	ug/L	ND		56-142
Benzene	2.58	25.0	1.0	0.41	ug/L	31.0	114	71-124
Bromodichloromethane	ND		1.0	0.39	ug/L	ND		80-122
Bromoform	ND		1.0	0.26	ug/L	ND		66-128
Bromomethane	ND		1.0	0.69	ug/L	ND		36-150
Carbon disulfide	ND		1.0	0.19	ug/L	ND		59-134
Carbon Tetrachloride	ND		1.0	0.27	ug/L	ND		72-134
Chlorobenzene	ND	25.0	1.0	0.75	ug/L	29.0	116	72-120
Chlorodibromomethane	ND		1.0	0.32	ug/L	ND		75-125
Chloroethane	ND		1.0	0.32	ug/L	ND		69-136
Chloroform	ND		1.0	0.34	ug/L	ND		73-127
Chloromethane	ND		1.0	0.35	ug/L	ND		49-142
cis-1,2-Dichloroethene	27.1	25.0	1.0	0.81	ug/L	53.4	105	74-124
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	ND		74-124
Cyclohexane	ND		1.0	0.18	ug/L	ND		70-130
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	ND		33-157
Ethylbenzene	ND	25.0	1.0	0.74	ug/L	28.7	115	77-123
Isopropylbenzene	ND		1.0	0.79	ug/L	ND		77-122

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 07/09/10 (Lab Number:10G0516-MS1, Batch: 10G0516)											
QC Source Sample: RTG0721-12											
Methyl Acetate	ND		1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether	ND	25.0	1.0	0.16	ug/L	25.5	102	64-127			
Methylcyclohexane	ND		1.0	0.16	ug/L	ND		60-140			
Methylene Chloride	ND		1.0	0.44	ug/L	ND		57-132			
Styrene	ND		1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene	ND	25.0	1.0	0.36	ug/L	30.0	120	74-122			
Toluene	ND	25.0	1.0	0.51	ug/L	27.8	111	70-122			
trans-1,2-Dichloroethene	ND	25.0	1.0	0.90	ug/L	28.6	115	73-127			
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	ND		72-123			
Trichloroethene	446	25.0	1.0	0.46	ug/L	476	119	74-123			E
Trichlorofluoromethane	ND		1.0	0.88	ug/L	ND		62-152			
Vinyl chloride	11.2		1.0	0.90	ug/L	11.3		65-133			
Xylenes, total	ND	75.0	2.0	0.66	ug/L	85.2	114	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*89*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*91*	*71-126*			
Matrix Spike Dup Analyzed: 07/09/10 (Lab Number:10G0516-MSD1, Batch: 10G0516)											
QC Source Sample: RTG0721-12											
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	ND		73-126		15	P6
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	ND		70-126		15	P6
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	ND		76-122		15	P6
1,1,2-Trichlorotrifluoroethane	1.03		1.0	0.31	ug/L	1.39		60-140	22	20	P6,R2
1,1-Dichloroethane	1.52	25.0	1.0	0.38	ug/L	28.8	109	71-129	7	20	P6
1,1-Dichloroethene	4.54	25.0	1.0	0.29	ug/L	32.9	113	65-138	7	16	P6
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	ND		70-122		20	P6
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	ND		56-134		15	P6
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	ND		77-120		15	P6
1,2-Dichlorobenzene	ND	25.0	1.0	0.79	ug/L	23.8	95	77-120	15	20	P6
1,2-Dichloroethane	ND	25.0	1.0	0.21	ug/L	27.2	109	75-127	4	20	P6
1,2-Dichloroethene, Total	27.7		2.0	0.70	ug/L	81.4		72-124	0.8	20	P6
1,2-Dichloropropane	ND		1.0	0.72	ug/L	ND		76-120		20	P6
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	ND		77-120		20	P6
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	ND		75-120		20	P6

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 07/09/10 (Lab Number:10G0516-MSD1, Batch: 10G0516)											
QC Source Sample: RTG0721-12											
2-Butanone (MEK)	ND		10	1.3	ug/L	ND		57-140		20	P6
2-Hexanone	ND		5.0	1.2	ug/L	ND		65-127		15	P6
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	ND		71-125		35	P6
Acetone	ND		10	3.0	ug/L	ND		56-142		15	P6
Benzene	2.58	25.0	1.0	0.41	ug/L	28.5	104	71-124	9	13	P6
Bromodichloromethane	ND		1.0	0.39	ug/L	ND		80-122		15	P6
Bromoform	ND		1.0	0.26	ug/L	ND		66-128		15	P6
Bromomethane	ND		1.0	0.69	ug/L	ND		36-150		15	P6
Carbon disulfide	ND		1.0	0.19	ug/L	ND		59-134		15	P6
Carbon Tetrachloride	ND		1.0	0.27	ug/L	ND		72-134		15	P6
Chlorobenzene	ND	25.0	1.0	0.75	ug/L	25.8	103	72-120	12	25	P6
Chlorodibromomethane	ND		1.0	0.32	ug/L	ND		75-125		15	P6
Chloroethane	ND		1.0	0.32	ug/L	ND		69-136		15	P6
Chloroform	ND		1.0	0.34	ug/L	ND		73-127		20	P6
Chloromethane	ND		1.0	0.35	ug/L	ND		49-142		15	P6
cis-1,2-Dichloroethene	27.1	25.0	1.0	0.81	ug/L	54.8	111	74-124	2	15	P6
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	ND		74-124		15	P6
Cyclohexane	ND		1.0	0.18	ug/L	ND		70-130		20	P6
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	ND		33-157		20	P6
Ethylbenzene	ND	25.0	1.0	0.74	ug/L	26.1	105	77-123	9	15	P6
Isopropylbenzene	ND		1.0	0.79	ug/L	ND		77-122		20	P6
Methyl Acetate	ND		1.0	0.50	ug/L	ND		60-140		20	P6
Methyl tert-Butyl Ether	ND	25.0	1.0	0.16	ug/L	24.6	98	64-127	4	37	P6
Methylcyclohexane	ND		1.0	0.16	ug/L	ND		60-140		20	P6
Methylene Chloride	ND		1.0	0.44	ug/L	ND		57-132		15	P6
Styrene	ND		1.0	0.73	ug/L	ND		70-130		20	P6
Tetrachloroethene	ND	25.0	1.0	0.36	ug/L	26.6	106	74-122	12	20	P6
Toluene	ND	25.0	1.0	0.51	ug/L	25.8	103	70-122	7	15	P6
trans-1,2-Dichloroethene	ND	25.0	1.0	0.90	ug/L	26.7	107	73-127	7	20	P6
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	ND		72-123		15	P6
Trichloroethene	446	25.0	1.0	0.46	ug/L	486	160	74-123	2	16	P6,M7,E
Trichlorofluoromethane	ND		1.0	0.88	ug/L	ND		62-152		20	P6
Vinyl chloride	11.2		1.0	0.90	ug/L	10.8		65-133	5	15	P6
Xylenes, total	ND	75.0	2.0	0.66	ug/L	77.8	104	76-122	9	16	P6
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*66-137*			*P6*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 07/09/10 (Lab Number:10G0516-MSD1, Batch: 10G0516)											
QC Source Sample: RTG0721-12											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*87*	*73-120*			*P6*
Surrogate: Toluene-d8					*ug/L*		*92*	*71-126*			*P6*
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/10/10 (Lab Number:10G0611-BLK1, Batch: 10G0611)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/10/10 (Lab Number:10G0611-BLK1, Batch: 10G0611)											
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					ug/L		91	66-137			
Surrogate: 4-Bromofluorobenzene					ug/L		89	73-120			
Surrogate: Toluene-d8					ug/L		91	71-126			
LCS Analyzed: 07/10/10 (Lab Number:10G0611-BS1, Batch: 10G0611)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	23.8	95	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	24.3	97	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	23.0	92	77-120			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/10/10 (Lab Number:10G0611-BS1, Batch: 10G0611)											
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	23.3	93	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	45.2		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	22.8	91	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	23.6	94	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	22.7	91	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	24.0	96	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	22.4	89	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	ND		57-132			
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	23.7	95	74-122			
Toluene		25.0	1.0	0.51	ug/L	22.6	90	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	22.4	90	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	23.2	93	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/10/10 (Lab Number:10G0611-BS1, Batch: 10G0611)											
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	73.2	98	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*88*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*86*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*89*	*71-126*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/11/10 (Lab Number:10G0633-BLK1, Batch: 10G0633)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 07/11/10 (Lab Number:10G0633-BLK1, Batch: 10G0633)											
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*85*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*102*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*106*	*71-126*			
LCS Analyzed: 07/11/10 (Lab Number:10G0633-BS1, Batch: 10G0633)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	25.1	100	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	25.6	103	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/11/10 (Lab Number:10G0633-BS1, Batch: 10G0633)											
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	25.4	102	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	22.5	90	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	50.8		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	25.7	103	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	26.4	106	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	25.2	101	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	26.2	105	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	24.0	96	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	0.720		57-132			J
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	27.0	108	74-122			
Toluene		25.0	1.0	0.51	ug/L	26.1	104	70-122			

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 07/11/10 (Lab Number:10G0633-BS1, Batch: 10G0633)											
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	25.7	103	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	24.4	98	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	79.2	106	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*82*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*98*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*103*	*71-126*			

Chain of Custody Record

Temperature on Receipt - ____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Arcadis	Project Manager: Jeff Barsteel	Date: 7/6/10 → 7/7/10	Chain of Custody Number: 126084
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x19	Lab Number:	Page 1 of 2
City: Albany / State: NY / Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Candace Fox	Analysis (Attach list if more space is needed)
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: UPS		
Contract/Purchase Order/Quote No.: NJ0010161.0001.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	NOCs 8260 TCL	Special Instructions/ Conditions of Receipt
WL-5 (10→12')	7/6/10	1125		X						X			W	
WL-5 (19→21')		1135		X						X			W	
WL-5 (30→32')		1145		X						X			W	
WL-4 (10→12')		0935		X						X			W	
WL-4 (24→26')		0940		X						X			W	
WL-4 (30→32')		0945		X						X			W	
WL-6 (10→12')		1410		X						X			W	
WL-6 (30→32')		1420		X						X			W	
WL-8 (25→27')		1550		X						X			W	
WL-8 (30→32')		1540		X						X			W	
WL-9 (10→12')	7/7/10	0920		X						X			W	
WL-9 (10→12')	7/7/10	1045		X						X			3	MS/MSD

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

1. Relinquished By: Daniel Zuck	Date: 7/7/10	Time: 1715	1. Received By:	Date: 7/8/10	Time: 1020
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: 5.7

DISTRIBUTION: WHITE - Returned to Client with Report CANARY - Stays with the Sample, PINK - Field Copy

Chain of Custody Record

Temperature on Receipt ___

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Arcadis	Project Manager: Jeff Bonsteel	Date: 7/6-7/7/10	Chain of Custody Number: 126085
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x19	Lab Number:	Page 2 of 2
City: Albany / State: NY / Zip Code: 12205	Site Contact: D. Zuck / Lab Contact: Candace Fox	Analysis (Attach list if more space is needed)	
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: UPS		
Contract/Purchase Order/Quote No.: NJ001018.0001.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs TCL 8260	Special Instructions/ Conditions of Receipt
WL-9 (25-27')	7/7/10	1055		X						X			W	
WL-9 (30-32')		1040		X						X			W	
DUP-070710				X						X			W	
FB-070710		1135		X						X			W	
TB-070710				X						X			W	

69/433

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ Days ☐ 14 Days ☐ 21 Days ☐ Other ___

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel Zuck	7/7/10	1715	1. Received By:		
2. Relinquished By			2. Received By	7/8/10	0710
3. Relinquished By			3. Received By		

Comments: Please Report Results to Jeff Bonsteel within 5 Business Days. 5.7

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Buffalo
SDG:
CLASS: VOA
METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Client Sample Id:	Lab Sample Id:
WL-5 (10-12)	RTG0721-01
WL-5 (19-21)	RTG0721-02
WL-5 (30-32)	RTG0721-03
WL-4 (10-12)	RTG0721-04
WL-4 (24-26)	RTG0721-05
WL-6 (10-12)	RTG0721-06
WL-6 (30-32)	RTG0721-07
WL-8 (25-27)	RTG0721-08
WL-8 (30-32)	RTG0721-09
WL-4 (30-32)	RTG0721-10
WL-8 (10-12)	RTG0721-11
WL-9 (10-12)	RTG0721-12
DUP-070710	RTG0721-15
FB-070710	RTG0721-16
WL-9 (25-27)	RTG0721-17
WL-9 (30-32)	RTG0721-18
TB-070710	RTG0721-19

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10G0516-BLK1)			Lab File ID: T0725.D		Analyzed: 07/09/10 11:46			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	83	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
LCS (10G0516-BS1)			Lab File ID: T0724.D		Analyzed: 07/09/10 11:16			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	83	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	86	71 - 126	6.11	6.11	0.0000	+/-1.0	
Matrix Spike (10G0516-MS1)			Lab File ID: T0738.D		Analyzed: 07/09/10 17:04			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	89	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	91	71 - 126	6.11	6.11	0.0000	+/-1.0	
Matrix Spike Dup (10G0516-MSD1)			Lab File ID: T0739.D		Analyzed: 07/09/10 17:28			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	92	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-5 (10-12) (RTG0721-01)			Lab File ID: T0726.D		Analyzed: 07/09/10 12:18			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	92	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-5 (19-21) (RTG0721-02)			Lab File ID: T0727.D		Analyzed: 07/09/10 12:42			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	85	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	87	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-5 (30-32) (RTG0721-03)			Lab File ID: T0728.D		Analyzed: 07/09/10 13:06			
1,2-Dichloroethane-d4	25.0	84	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	83	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	84	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-4 (10-12) (RTG0721-04)			Lab File ID: T0729.D		Analyzed: 07/09/10 13:30			
1,2-Dichloroethane-d4	25.0	87	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	81	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	86	71 - 126	6.11	6.11	0.0000	+/-1.0	

Form 2

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
WL-4 (24-26) (RTG0721-05)			Lab File ID: T0730.D		Analyzed: 07/09/10 13:53			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	85	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-6 (10-12) (RTG0721-06)			Lab File ID: T0731.D		Analyzed: 07/09/10 14:17			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	83	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	85	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-6 (30-32) (RTG0721-07)			Lab File ID: T0732.D		Analyzed: 07/09/10 14:41			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-8 (25-27) (RTG0721-08)			Lab File ID: T0733.D		Analyzed: 07/09/10 15:05			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-8 (30-32) (RTG0721-09)			Lab File ID: T0734.D		Analyzed: 07/09/10 15:29			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	89	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-4 (30-32) (RTG0721-10)			Lab File ID: T0735.D		Analyzed: 07/09/10 15:52			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-8 (10-12) (RTG0721-11)			Lab File ID: T0736.D		Analyzed: 07/09/10 16:16			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	90	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-9 (10-12) (RTG0721-12)			Lab File ID: T0737.D		Analyzed: 07/09/10 16:40			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	90	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.11	6.11	0.0000	+/-1.0	

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
DUP-070710 (RTG0721-15)			Lab File ID: T0740.D		Analyzed: 07/09/10 17:52			
1,2-Dichloroethane-d4	25.0	94	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	92	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.11	6.11	0.0000	+/-1.0	
FB-070710 (RTG0721-16)			Lab File ID: T0741.D		Analyzed: 07/09/10 18:16			
1,2-Dichloroethane-d4	25.0	93	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-9 (25-27) (RTG0721-17)			Lab File ID: T0742.D		Analyzed: 07/09/10 18:39			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	85	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	89	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-9 (30-32) (RTG0721-18)			Lab File ID: T0743.D		Analyzed: 07/09/10 19:03			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	89	71 - 126	6.11	6.11	0.0000	+/-1.0	
TB-070710 (RTG0721-19)			Lab File ID: T0744.D		Analyzed: 07/09/10 19:27			
1,2-Dichloroethane-d4	25.0	92	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.11	6.11	0.0000	+/-1.0	

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003080	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10G0611-BLK1)			Lab File ID: T0756.D		Analyzed: 07/10/10 11:08			
1,2-Dichloroethane-d4	25.0	91	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	89	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	91	71 - 126	6.11	6.11	0.0000	+/-1.0	
LCS (10G0611-BS1)			Lab File ID: T0755.D		Analyzed: 07/10/10 10:44			
1,2-Dichloroethane-d4	25.0	88	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	89	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-6 (10-12) (RTG0721-06RE1)			Lab File ID: T0771.D		Analyzed: 07/10/10 17:30			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	86	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	88	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-8 (10-12) (RTG0721-11RE1)			Lab File ID: T0772.D		Analyzed: 07/10/10 17:54			
1,2-Dichloroethane-d4	25.0	94	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	89	71 - 126	6.11	6.11	0.0000	+/-1.0	
WL-9 (10-12) (RTG0721-12RE1)			Lab File ID: T0773.D		Analyzed: 07/10/10 18:18			
1,2-Dichloroethane-d4	25.0	89	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	87	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.11	6.11	0.0000	+/-1.0	
DUP-070710 (RTG0721-15RE1)			Lab File ID: T0774.D		Analyzed: 07/10/10 18:41			
1,2-Dichloroethane-d4	25.0	90	66 - 137	4.7	4.7	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	88	73 - 120	8.17	8.17	0.0000	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.11	6.11	0.0000	+/-1.0	

Form 2

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003085	Instrument:	HP5973G
Matrix:	Water	Calibration:	R10G037

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10G0633-BLK1)			Lab File ID: G0219.D		Analyzed: 07/11/10 21:21			
1,2-Dichloroethane-d4	25.0	85	66 - 137	5.45	5.448333	0.0017	+/-1.0	
4-Bromofluorobenzene	25.0	102	73 - 120	9.97	9.966667	0.0033	+/-1.0	
Toluene-d8	25.0	106	71 - 126	7.25	7.25	0.0000	+/-1.0	
LCS (10G0633-BS1)			Lab File ID: G0218.D		Analyzed: 07/11/10 20:59			
1,2-Dichloroethane-d4	25.0	82	66 - 137	5.45	5.448333	0.0017	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	9.96	9.966667	-0.0067	+/-1.0	
Toluene-d8	25.0	103	71 - 126	7.25	7.25	0.0000	+/-1.0	
WL-5 (10-12) (RTG0721-01RE1)			Lab File ID: G0236.D		Analyzed: 07/12/10 03:39			
1,2-Dichloroethane-d4	25.0	82	66 - 137	5.45	5.448333	0.0017	+/-1.0	
4-Bromofluorobenzene	25.0	93	73 - 120	9.96	9.966667	-0.0067	+/-1.0	
Toluene-d8	25.0	99	71 - 126	7.25	7.25	0.0000	+/-1.0	

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0516	Laboratory ID:	10G0516-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane		ug/L	ND		73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND		70 - 126
1,1,2-Trichloroethane		ug/L	ND		76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	ND		60 - 140
1,1-Dichloroethane	25.0	ug/L	22.7	91	71 - 129
1,1-Dichloroethene	25.0	ug/L	23.0	92	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND		70 - 122
1,2-Dibromo-3-chloropropane		ug/L	ND		56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND		77 - 120
1,2-Dichlorobenzene	25.0	ug/L	22.0	88	77 - 120
1,2-Dichloroethane	25.0	ug/L	22.8	91	75 - 127
1,2-Dichloroethene, Total		ug/L	43.7		72 - 124
1,2-Dichloropropane		ug/L	ND		76 - 120
1,3-Dichlorobenzene		ug/L	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND		75 - 120
2-Butanone (MEK)		ug/L	ND		57 - 140
2-Hexanone		ug/L	ND		65 - 127
4-Methyl-2-pentanone (MIBK)		ug/L	ND		71 - 125
Acetone		ug/L	ND		56 - 142
Benzene	25.0	ug/L	22.2	89	71 - 124
Bromodichloromethane		ug/L	ND		80 - 122
Bromoform		ug/L	ND		66 - 128
Bromomethane		ug/L	ND		36 - 150
Carbon disulfide		ug/L	ND		59 - 134
Carbon Tetrachloride		ug/L	ND		72 - 134
Chlorobenzene	25.0	ug/L	22.2	89	72 - 120
Chlorodibromomethane		ug/L	ND		75 - 125
Chloroethane		ug/L	ND		69 - 136
Chloroform		ug/L	ND		73 - 127
Chloromethane		ug/L	ND		49 - 142

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0516	Laboratory ID:	10G0516-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
cis-1,2-Dichloroethene	25.0	ug/L	21.8	87	74 - 124
cis-1,3-Dichloropropene		ug/L	ND		74 - 124
Cyclohexane		ug/L	ND		70 - 130
Dichlorodifluoromethane		ug/L	ND		33 - 157
Ethylbenzene	25.0	ug/L	22.2	89	77 - 123
Isopropylbenzene		ug/L	ND		77 - 122
Methyl Acetate		ug/L	ND		60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	21.6	86	64 - 127
Methylcyclohexane		ug/L	ND		60 - 140
Methylene Chloride		ug/L	0.600		57 - 132
Styrene		ug/L	ND		70 - 130
Tetrachloroethene	25.0	ug/L	23.0	92	74 - 122
Toluene	25.0	ug/L	21.2	85	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	21.9	88	73 - 127
trans-1,3-Dichloropropene		ug/L	ND		72 - 123
Trichloroethene	25.0	ug/L	21.7	87	74 - 123
Trichlorofluoromethane		ug/L	ND		62 - 152
Vinyl chloride		ug/L	ND		65 - 133
Xylenes, total	75.0	ug/L	67.5	90	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0611	Laboratory ID:	10G0611-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane		ug/L	ND		73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND		70 - 126
1,1,2-Trichloroethane		ug/L	ND		76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	ND		60 - 140
1,1-Dichloroethane	25.0	ug/L	23.8	95	71 - 129
1,1-Dichloroethene	25.0	ug/L	24.3	97	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND		70 - 122
1,2-Dibromo-3-chloropropane		ug/L	ND		56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND		77 - 120
1,2-Dichlorobenzene	25.0	ug/L	23.0	92	77 - 120
1,2-Dichloroethane	25.0	ug/L	23.3	93	75 - 127
1,2-Dichloroethene, Total		ug/L	45.2		72 - 124
1,2-Dichloropropane		ug/L	ND		76 - 120
1,3-Dichlorobenzene		ug/L	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND		75 - 120
2-Butanone (MEK)		ug/L	ND		57 - 140
2-Hexanone		ug/L	ND		65 - 127
4-Methyl-2-pentanone (MIBK)		ug/L	ND		71 - 125
Acetone		ug/L	ND		56 - 142
Benzene	25.0	ug/L	22.8	91	71 - 124
Bromodichloromethane		ug/L	ND		80 - 122
Bromoform		ug/L	ND		66 - 128
Bromomethane		ug/L	ND		36 - 150
Carbon disulfide		ug/L	ND		59 - 134
Carbon Tetrachloride		ug/L	ND		72 - 134
Chlorobenzene	25.0	ug/L	23.6	94	72 - 120
Chlorodibromomethane		ug/L	ND		75 - 125
Chloroethane		ug/L	ND		69 - 136
Chloroform		ug/L	ND		73 - 127
Chloromethane		ug/L	ND		49 - 142

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0611	Laboratory ID:	10G0611-BS1
Preparation:	5030B MS	*Initial/Final:*	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
cis-1,2-Dichloroethene	25.0	ug/L	22.7	91	74 - 124
cis-1,3-Dichloropropene		ug/L	ND		74 - 124
Cyclohexane		ug/L	ND		70 - 130
Dichlorodifluoromethane		ug/L	ND		33 - 157
Ethylbenzene	25.0	ug/L	24.0	96	77 - 123
Isopropylbenzene		ug/L	ND		77 - 122
Methyl Acetate		ug/L	ND		60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	22.4	89	64 - 127
Methylcyclohexane		ug/L	ND		60 - 140
Methylene Chloride		ug/L	ND		57 - 132
Styrene		ug/L	ND		70 - 130
Tetrachloroethene	25.0	ug/L	23.7	95	74 - 122
Toluene	25.0	ug/L	22.6	90	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	22.4	90	73 - 127
trans-1,3-Dichloropropene		ug/L	ND		72 - 123
Trichloroethene	25.0	ug/L	23.2	93	74 - 123
Trichlorofluoromethane		ug/L	ND		62 - 152
Vinyl chloride		ug/L	ND		65 - 133
Xylenes, total	75.0	ug/L	73.2	98	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08381
Batch:	10G0633	Laboratory ID:	10G0633-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane		ug/L	ND		73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND		70 - 126
1,1,2-Trichloroethane		ug/L	ND		76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	ND		60 - 140
1,1-Dichloroethane	25.0	ug/L	25.1	100	71 - 129
1,1-Dichloroethene	25.0	ug/L	25.6	103	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND		70 - 122
1,2-Dibromo-3-chloropropane		ug/L	ND		56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND		77 - 120
1,2-Dichlorobenzene	25.0	ug/L	25.4	102	77 - 120
1,2-Dichloroethane	25.0	ug/L	22.5	90	75 - 127
1,2-Dichloroethene, Total		ug/L	50.8		72 - 124
1,2-Dichloropropane		ug/L	ND		76 - 120
1,3-Dichlorobenzene		ug/L	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND		75 - 120
2-Butanone (MEK)		ug/L	ND		57 - 140
2-Hexanone		ug/L	ND		65 - 127
4-Methyl-2-pentanone (MIBK)		ug/L	ND		71 - 125
Acetone		ug/L	ND		56 - 142
Benzene	25.0	ug/L	25.7	103	71 - 124
Bromodichloromethane		ug/L	ND		80 - 122
Bromoform		ug/L	ND		66 - 128
Bromomethane		ug/L	ND		36 - 150
Carbon disulfide		ug/L	ND		59 - 134
Carbon Tetrachloride		ug/L	ND		72 - 134
Chlorobenzene	25.0	ug/L	26.4	106	72 - 120
Chlorodibromomethane		ug/L	ND		75 - 125
Chloroethane		ug/L	ND		69 - 136
Chloroform		ug/L	ND		73 - 127
Chloromethane		ug/L	ND		49 - 142

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08381
Batch:	10G0633	Laboratory ID:	10G0633-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
cis-1,2-Dichloroethene	25.0	ug/L	25.2	101	74 - 124
cis-1,3-Dichloropropene		ug/L	ND		74 - 124
Cyclohexane		ug/L	ND		70 - 130
Dichlorodifluoromethane		ug/L	ND		33 - 157
Ethylbenzene	25.0	ug/L	26.2	105	77 - 123
Isopropylbenzene		ug/L	ND		77 - 122
Methyl Acetate		ug/L	ND		60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	24.0	96	64 - 127
Methylcyclohexane		ug/L	ND		60 - 140
Methylene Chloride		ug/L	0.720		57 - 132
Styrene		ug/L	ND		70 - 130
Tetrachloroethene	25.0	ug/L	27.0	108	74 - 122
Toluene	25.0	ug/L	26.1	104	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	25.7	103	73 - 127
trans-1,3-Dichloropropene		ug/L	ND		72 - 123
Trichloroethene	25.0	ug/L	24.4	98	74 - 123
Trichlorofluoromethane		ug/L	ND		62 - 152
Vinyl chloride		ug/L	ND		65 - 133
Xylenes, total	75.0	ug/L	79.2	106	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 3

WL-9 (10-12)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water

Spike standard: RT08279

Batch: 10G0516

Laboratory ID: 10G0516-MS1

Preparation: 5030B MS

Initial/Final: 5 mL / 5 mL

Source Sample Name: WL-9 (10-12)

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
1,1,1-Trichloroethane		ug/L	ND	ND		73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND	ND		70 - 126
1,1,2-Trichloroethane		ug/L	ND	ND		76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	1.03	1.11		60 - 140
1,1-Dichloroethane	25.0	ug/L	1.52	31.0	118	71 - 129
1,1-Dichloroethene	25.0	ug/L	4.54	35.1	122	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND	ND		70 - 122
1,2-Dibromo-3-chloropropane		ug/L	ND	ND		56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND	ND		77 - 120
1,2-Dichlorobenzene	25.0	ug/L	ND	27.8	111	77 - 120
1,2-Dichloroethane	25.0	ug/L	ND	28.4	114	75 - 127
1,2-Dichloroethene, Total		ug/L	27.7	82.1		72 - 124
1,2-Dichloropropane		ug/L	ND	ND		76 - 120
1,3-Dichlorobenzene		ug/L	ND	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND	ND		75 - 120
2-Butanone (MEK)		ug/L	ND	ND		57 - 140
2-Hexanone		ug/L	ND	ND		65 - 127
4-Methyl-2-pentanone (MIBK)		ug/L	ND	ND		71 - 125
Acetone		ug/L	ND	ND		56 - 142
Benzene	25.0	ug/L	2.58	31.0	114	71 - 124
Bromodichloromethane		ug/L	ND	ND		80 - 122
Bromoform		ug/L	ND	ND		66 - 128
Bromomethane		ug/L	ND	ND		36 - 150
Carbon disulfide		ug/L	ND	ND		59 - 134
Carbon Tetrachloride		ug/L	ND	ND		72 - 134
Chlorobenzene	25.0	ug/L	ND	29.0	116	72 - 120
Chlorodibromomethane		ug/L	ND	ND		75 - 125
Chloroethane		ug/L	ND	ND		69 - 136
Chloroform		ug/L	ND	ND		73 - 127
Chloromethane		ug/L	ND	ND		49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	27.1	53.4	105	74 - 124
cis-1,3-Dichloropropene		ug/L	ND	ND		74 - 124

Form 3

WL-9 (10-12)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0516	Laboratory ID:	10G0516-MS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: WL-9 (10-12)

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
Cyclohexane		ug/L	ND	ND		70 - 130
Dichlorodifluoromethane		ug/L	ND	ND		33 - 157
Ethylbenzene	25.0	ug/L	ND	28.7	115	77 - 123
Isopropylbenzene		ug/L	ND	ND		77 - 122
Methyl Acetate		ug/L	ND	ND		60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	ND	25.5	102	64 - 127
Methylcyclohexane		ug/L	ND	ND		60 - 140
Methylene Chloride		ug/L	ND	ND		57 - 132
Styrene		ug/L	ND	ND		70 - 130
Tetrachloroethene	25.0	ug/L	ND	30.0	120	74 - 122
Toluene	25.0	ug/L	ND	27.8	111	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	ND	28.6	115	73 - 127
trans-1,3-Dichloropropene		ug/L	ND	ND		72 - 123
Trichloroethene	25.0	ug/L	446	476	119	74 - 123
Trichlorofluoromethane		ug/L	ND	ND		62 - 152
Vinyl chloride		ug/L	11.2	11.3		65 - 133
Xylenes, total	75.0	ug/L	ND	85.2	114	76 - 122

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1-Trichloroethane		ug/L	ND			15	73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND			15	70 - 126
1,1,2-Trichloroethane		ug/L	ND			15	76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	1.39		22 *	20	60 - 140
1,1-Dichloroethane	25.0	ug/L	28.8	109	7	20	71 - 129
1,1-Dichloroethene	25.0	ug/L	32.9	113	7	16	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND			20	70 - 122
1,2-Dibromo-3-chloropropane		ug/L	ND			15	56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND			15	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	23.8	95	15	20	77 - 120
1,2-Dichloroethane	25.0	ug/L	27.2	109	4	20	75 - 127
1,2-Dichloroethene, Total		ug/L	81.4		0.8	20	72 - 124
1,2-Dichloropropane		ug/L	ND			20	76 - 120

Form Rev: 11/23/09

Printed: 07/14/2010

Form 3

WL-9 (10-12)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0516	Laboratory ID:	10G0516-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: WL-9 (10-12)

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,3-Dichlorobenzene		ug/L	ND			20	77 - 120
1,4-Dichlorobenzene		ug/L	ND			20	75 - 120
2-Butanone (MEK)		ug/L	ND			20	57 - 140
2-Hexanone		ug/L	ND			15	65 - 127
4-Methyl-2-pentanone (MIBK)		ug/L	ND			35	71 - 125
Acetone		ug/L	ND			15	56 - 142
Benzene	25.0	ug/L	28.5	104	9	13	71 - 124
Bromodichloromethane		ug/L	ND			15	80 - 122
Bromoform		ug/L	ND			15	66 - 128
Bromomethane		ug/L	ND			15	36 - 150
Carbon disulfide		ug/L	ND			15	59 - 134
Carbon Tetrachloride		ug/L	ND			15	72 - 134
Chlorobenzene	25.0	ug/L	25.8	103	12	25	72 - 120
Chlorodibromomethane		ug/L	ND			15	75 - 125
Chloroethane		ug/L	ND			15	69 - 136
Chloroform		ug/L	ND			20	73 - 127
Chloromethane		ug/L	ND			15	49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	54.8	111	2	15	74 - 124
cis-1,3-Dichloropropene		ug/L	ND			15	74 - 124
Cyclohexane		ug/L	ND			20	70 - 130
Dichlorodifluoromethane		ug/L	ND			20	33 - 157
Ethylbenzene	25.0	ug/L	26.1	105	9	15	77 - 123
Isopropylbenzene		ug/L	ND			20	77 - 122
Methyl Acetate		ug/L	ND			20	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	24.6	98	4	37	64 - 127
Methylcyclohexane		ug/L	ND			20	60 - 140
Methylene Chloride		ug/L	ND			15	57 - 132
Styrene		ug/L	ND			20	70 - 130
Tetrachloroethene	25.0	ug/L	26.6	106	12	20	74 - 122
Toluene	25.0	ug/L	25.8	103	7	15	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	26.7	107	7	20	73 - 127
trans-1,3-Dichloropropene		ug/L	ND			15	72 - 123
Trichloroethene	25.0	ug/L	486	160 *	2	16	74 - 123

Form 3

WL-9 (10-12)

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	RT08279
Batch:	10G0516	Laboratory ID:	10G0516-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: WL-9 (10-12)

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichlorofluoromethane		ug/L	ND			20	62 - 152
Vinyl chloride		ug/L	10.8		5	15	65 - 133
Xylenes, total	75.0	ug/L	77.8	104	9	16	76 - 122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Batch: 10G0516 Batch Matrix: Water Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10G0516-BLK1	5.00 mL	5.00 mL	07/09/10 10:33	N/A
LCS	10G0516-BS1	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-9 (10-12)	10G0516-MS1	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-9 (10-12)	10G0516-MSD1	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-5 (10-12)	RTG0721-01	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-5 (19-21)	RTG0721-02	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-5 (30-32)	RTG0721-03	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-4 (10-12)	RTG0721-04	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-4 (24-26)	RTG0721-05	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-6 (10-12)	RTG0721-06	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-6 (30-32)	RTG0721-07	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-8 (25-27)	RTG0721-08	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-8 (30-32)	RTG0721-09	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-4 (30-32)	RTG0721-10	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-8 (10-12)	RTG0721-11	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-9 (10-12)	RTG0721-12	5.00 mL	5.00 mL	07/09/10 10:33	N/A
DUP-070710	RTG0721-15	5.00 mL	5.00 mL	07/09/10 10:33	N/A
FB-070710	RTG0721-16	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-9 (25-27)	RTG0721-17	5.00 mL	5.00 mL	07/09/10 10:33	N/A
WL-9 (30-32)	RTG0721-18	5.00 mL	5.00 mL	07/09/10 10:33	N/A
TB-070710	RTG0721-19	5.00 mL	5.00 mL	07/09/10 10:33	N/A

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Batch: 10G0611 Batch Matrix: Water

Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10G0611-BLK1	5.00 mL	5.00 mL	07/10/10 08:18	N/A
LCS	10G0611-BS1	5.00 mL	5.00 mL	07/10/10 08:18	N/A
WL-6 (10-12)	RTG0721-06RE1	5.00 mL	5.00 mL	07/10/10 11:19	N/A
WL-8 (10-12)	RTG0721-11RE1	5.00 mL	5.00 mL	07/10/10 11:19	N/A
WL-9 (10-12)	RTG0721-12RE1	5.00 mL	5.00 mL	07/10/10 11:19	N/A
DUP-070710	RTG0721-15RE1	5.00 mL	5.00 mL	07/10/10 11:19	N/A

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Batch: 10G0633 Batch Matrix: Water Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10G0633-BLK1	5.00 mL	5.00 mL	07/11/10 20:04	N/A
LCS	10G0633-BS1	5.00 mL	5.00 mL	07/11/10 20:04	N/A
WL-5 (10-12)	RTG0721-01RE1	5.00 mL	5.00 mL	07/11/10 20:04	N/A

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	G0171.D	Injection Date:	07/09/10
Instrument ID:	HP5973G	Injection Time:	10:55
Sequence:	T003005	Lab Sample ID:	T003005-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.225	PASS
75	30 - 60% of 95	53.945	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.7383	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.298	PASS
175	5 - 9% of 174	6.7579	PASS
176	95 - 101% of 174	95.354	PASS
177	5 - 9% of 176	6.827	PASS

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003005	Instrument:	HP5973G
Calibration:	R10G037		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
RT07814	BFB Working Standard	T003005-TUN1	G0171.D	07/09/10 10:55
RT08604	G Cal Mix - 1ppb - 7/7/10	T003005-CAL1	G0173.D	07/09/10 11:41
RT08605	G Cal Mix - 5ppb - 7/7/10	T003005-CAL2	G0174.D	07/09/10 12:03
RT08606	G Cal Mix - 10ppb - 7/7/10	T003005-CAL3	G0175.D	07/09/10 12:26
RT08607	G Cal Mix - 25ppb - 7/7/10	T003005-CAL4	G0176.D	07/09/10 12:49
RT08608	G Cal Mix - 50ppb - 7/7/10	T003005-CAL5	G0177.D	07/09/10 13:11
RT08609	G Cal Mix - 100ppb - 7/7/10	T003005-CAL6	G0178.D	07/09/10 13:33

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	G0216.D	Injection Date:	07/11/10
Instrument ID:	HP5973G	Injection Time:	20:14
Sequence:	T003085	Lab Sample ID:	T003085-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.605	PASS
75	30 - 60% of 95	49.44	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.6575	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	85.884	PASS
175	5 - 9% of 174	6.9244	PASS
176	95 - 101% of 174	100.08	PASS
177	5 - 9% of 176	7.5752	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003085	Instrument:	HP5973G
		Calibration:	R10G037

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T003085-TUN1	G0216.D	07/11/10 20:14
Calibration Check	T003085-CCV1	G0217.D	07/11/10 20:37
LCS	10G0633-BS1	G0218.D	07/11/10 20:59
Blank	10G0633-BLK1	G0219.D	07/11/10 21:21
WL-5 (10-12)	RTG0721-01RE1	G0236.D	07/12/10 03:39

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	T0177.D	Injection Date:	06/22/10
Instrument ID:	HP5975T	Injection Time:	12:37
Sequence:	T002686	Lab Sample ID:	T002686-TUN1
Calibration:	R10F094		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.007	PASS
75	30 - 60% of 95	51.59	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.458	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	76.478	PASS
175	5 - 9% of 174	7.1452	PASS
176	95 - 101% of 174	95.486	PASS
177	5 - 9% of 176	5.1474	PASS

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T002686	Instrument:	HP5975T
Calibration:	R10F094		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
RT07814	BFB Working Standard	T002686-TUN1	T0177.D	06/22/10 12:37
RT07670	T CAL1 MIX 1PPB	T002686-CAL1	T0179.D	06/22/10 13:25
RT07672	T CAL2 MIX 5PPB	T002686-CAL2	T0180.D	06/22/10 13:49
RT07673	T CAL3 MIX 10PPB	T002686-CAL3	T0181.D	06/22/10 14:13
RT07674	T CAL4 MIX 25PPB	T002686-CAL4	T0182.D	06/22/10 14:36
RT07675	T CAL5 MIX 50PPB	T002686-CAL5	T0183.D	06/22/10 15:01
RT07676	T CAL6 MIX 100PPB	T002686-CAL6	T0184.D	06/22/10 15:25

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	T0721.D	Injection Date:	07/09/10
Instrument ID:	HP5975T	Injection Time:	09:55
Sequence:	T003056	Lab Sample ID:	T003056-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.774	PASS
75	30 - 60% of 95	49.894	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.7052	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	73.662	PASS
175	5 - 9% of 174	7.135	PASS
176	95 - 101% of 174	95.558	PASS
177	5 - 9% of 176	6.2708	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
		Calibration:	R10F094

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T003056-TUN1	T0721.D	07/09/10 09:55
Calibration Check	T003056-CCV1	T0722.D	07/09/10 10:23
LCS	10G0516-BS1	T0724.D	07/09/10 11:16
Blank	10G0516-BLK1	T0725.D	07/09/10 11:46
WL-5 (10-12)	RTG0721-01	T0726.D	07/09/10 12:18
WL-5 (19-21)	RTG0721-02	T0727.D	07/09/10 12:42
WL-5 (30-32)	RTG0721-03	T0728.D	07/09/10 13:06
WL-4 (10-12)	RTG0721-04	T0729.D	07/09/10 13:30
WL-4 (24-26)	RTG0721-05	T0730.D	07/09/10 13:53
WL-6 (10-12)	RTG0721-06	T0731.D	07/09/10 14:17
WL-6 (30-32)	RTG0721-07	T0732.D	07/09/10 14:41
WL-8 (25-27)	RTG0721-08	T0733.D	07/09/10 15:05
WL-8 (30-32)	RTG0721-09	T0734.D	07/09/10 15:29
WL-4 (30-32)	RTG0721-10	T0735.D	07/09/10 15:52
WL-8 (10-12)	RTG0721-11	T0736.D	07/09/10 16:16
WL-9 (10-12)	RTG0721-12	T0737.D	07/09/10 16:40
WL-9 (10-12)	10G0516-MS1	T0738.D	07/09/10 17:04
WL-9 (10-12)	10G0516-MSD1	T0739.D	07/09/10 17:28
DUP-070710	RTG0721-15	T0740.D	07/09/10 17:52
FB-070710	RTG0721-16	T0741.D	07/09/10 18:16
WL-9 (25-27)	RTG0721-17	T0742.D	07/09/10 18:39
WL-9 (30-32)	RTG0721-18	T0743.D	07/09/10 19:03
TB-070710	RTG0721-19	T0744.D	07/09/10 19:27

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Lab File ID:	T0752.D	Injection Date:	07/10/10
Instrument ID:	HP5975T	Injection Time:	09:35
Sequence:	T003080	Lab Sample ID:	T003080-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	23.174	PASS
75	30 - 60% of 95	54.916	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.7644	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	78.224	PASS
175	5 - 9% of 174	7.7011	PASS
176	95 - 101% of 174	97.804	PASS
177	5 - 9% of 176	5.9687	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003080	Instrument:	HP5975T
		Calibration:	R10F094

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T003080-TUN1	T0752.D	07/10/10 09:35
Calibration Check	T003080-CCV1	T0753.D	07/10/10 09:56
LCS	10G0611-BS1	T0755.D	07/10/10 10:44
Blank	10G0611-BLK1	T0756.D	07/10/10 11:08
WL-6 (10-12)	RTG0721-06RE1	T0771.D	07/10/10 17:30
WL-8 (10-12)	RTG0721-11RE1	T0772.D	07/10/10 17:54
WL-9 (10-12)	RTG0721-12RE1	T0773.D	07/10/10 18:18
DUP-070710	RTG0721-15RE1	T0774.D	07/10/10 18:41

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T003056-CCV1)			Lab File ID: T0722.D			Analyzed: 07/09/10 10:23			
1,4-Dichlorobenzene-d4	137661	9.1				50 - 200		+/-0.50	
1,4-Difluorobenzene	308978	5.01				50 - 200		+/-0.50	
Chlorobenzene-d5	265777	7.23				50 - 200		+/-0.50	
LCS (10G0516-BS1)			Lab File ID: T0724.D			Analyzed: 07/09/10 11:16			
1,4-Dichlorobenzene-d4	120751	9.1	137661	9.1	88	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	277553	5.01	308978	5.01	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	238417	7.23	265777	7.23	90	50 - 200	0.0000	+/-0.50	
Blank (10G0516-BLK1)			Lab File ID: T0725.D			Analyzed: 07/09/10 11:46			
1,4-Dichlorobenzene-d4	113007	9.1	137661	9.1	82	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	267269	5.01	308978	5.01	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	224254	7.23	265777	7.23	84	50 - 200	0.0000	+/-0.50	
WL-5 (10-12) (RTG0721-01)			Lab File ID: T0726.D			Analyzed: 07/09/10 12:18			
1,4-Dichlorobenzene-d4	117293	9.1	137661	9.1	85	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	280395	5.01	308978	5.01	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	229806	7.23	265777	7.23	86	50 - 200	0.0000	+/-0.50	
WL-5 (19-21) (RTG0721-02)			Lab File ID: T0727.D			Analyzed: 07/09/10 12:42			
1,4-Dichlorobenzene-d4	114217	9.1	137661	9.1	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	277811	5.01	308978	5.01	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	230661	7.23	265777	7.23	87	50 - 200	0.0000	+/-0.50	
WL-5 (30-32) (RTG0721-03)			Lab File ID: T0728.D			Analyzed: 07/09/10 13:06			
1,4-Dichlorobenzene-d4	116220	9.1	137661	9.1	84	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	270805	5.01	308978	5.01	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	227571	7.23	265777	7.23	86	50 - 200	0.0000	+/-0.50	
WL-4 (10-12) (RTG0721-04)			Lab File ID: T0729.D			Analyzed: 07/09/10 13:30			
1,4-Dichlorobenzene-d4	114854	9.1	137661	9.1	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	275501	5.01	308978	5.01	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	233979	7.23	265777	7.23	88	50 - 200	0.0000	+/-0.50	
WL-4 (24-26) (RTG0721-05)			Lab File ID: T0730.D			Analyzed: 07/09/10 13:53			
1,4-Dichlorobenzene-d4	112932	9.1	137661	9.1	82	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	273529	5.01	308978	5.01	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	229247	7.23	265777	7.23	86	50 - 200	0.0000	+/-0.50	
WL-6 (10-12) (RTG0721-06)			Lab File ID: T0731.D			Analyzed: 07/09/10 14:17			
1,4-Dichlorobenzene-d4	118702	9.1	137661	9.1	86	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	271454	5.01	308978	5.01	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	230260	7.23	265777	7.23	87	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Sequence: T003056
Instrument: HP5975T
Matrix: Water
Calibration: R10F094

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
WL-6 (30-32) (RTG0721-07)			Lab File ID: T0732.D			Analyzed: 07/09/10 14:41			
1,4-Dichlorobenzene-d4	111799	9.1	137661	9.1	81	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	264151	5.01	308978	5.01	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	221225	7.23	265777	7.23	83	50 - 200	0.0000	+/-0.50	
WL-8 (25-27) (RTG0721-08)			Lab File ID: T0733.D			Analyzed: 07/09/10 15:05			
1,4-Dichlorobenzene-d4	116620	9.1	137661	9.1	85	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	272644	5.01	308978	5.01	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	225320	7.23	265777	7.23	85	50 - 200	0.0000	+/-0.50	
WL-8 (30-32) (RTG0721-09)			Lab File ID: T0734.D			Analyzed: 07/09/10 15:29			
1,4-Dichlorobenzene-d4	110808	9.1	137661	9.1	80	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	265379	5.01	308978	5.01	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219580	7.23	265777	7.23	83	50 - 200	0.0000	+/-0.50	
WL-4 (30-32) (RTG0721-10)			Lab File ID: T0735.D			Analyzed: 07/09/10 15:52			
1,4-Dichlorobenzene-d4	110767	9.1	137661	9.1	80	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	269507	5.01	308978	5.01	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	224918	7.23	265777	7.23	85	50 - 200	0.0000	+/-0.50	
WL-8 (10-12) (RTG0721-11)			Lab File ID: T0736.D			Analyzed: 07/09/10 16:16			
1,4-Dichlorobenzene-d4	118618	9.1	137661	9.1	86	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	263123	5.01	308978	5.01	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	220041	7.23	265777	7.23	83	50 - 200	0.0000	+/-0.50	
WL-9 (10-12) (RTG0721-12)			Lab File ID: T0737.D			Analyzed: 07/09/10 16:40			
1,4-Dichlorobenzene-d4	110648	9.1	137661	9.1	80	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	262807	5.01	308978	5.01	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	214891	7.23	265777	7.23	81	50 - 200	0.0000	+/-0.50	
Matrix Spike (10G0516-MS1)			Lab File ID: T0738.D			Analyzed: 07/09/10 17:04			
1,4-Dichlorobenzene-d4	113692	9.1	137661	9.1	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	262347	5.01	308978	5.01	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219427	7.23	265777	7.23	83	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (10G0516-MSD1)			Lab File ID: T0739.D			Analyzed: 07/09/10 17:28			
1,4-Dichlorobenzene-d4	113987	9.1	137661	9.1	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	262905	5.01	308978	5.01	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219961	7.23	265777	7.23	83	50 - 200	0.0000	+/-0.50	
DUP-070710 (RTG0721-15)			Lab File ID: T0740.D			Analyzed: 07/09/10 17:52			
1,4-Dichlorobenzene-d4	112023	9.1	137661	9.1	81	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	254991	5.01	308978	5.01	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	212023	7.23	265777	7.23	80	50 - 200	0.0000	+/-0.50	

Form Rev: 11/23/09
Printed: 07/14/2010

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003056	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FB-070710 (RTG0721-16)			Lab File ID: T0741.D			Analyzed: 07/09/10 18:16			
1,4-Dichlorobenzene-d4	103744	9.1	137661	9.1	75	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	247153	5.01	308978	5.01	80	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	202669	7.23	265777	7.23	76	50 - 200	0.0000	+/-0.50	
WL-9 (25-27) (RTG0721-17)			Lab File ID: T0742.D			Analyzed: 07/09/10 18:39			
1,4-Dichlorobenzene-d4	108220	9.1	137661	9.1	79	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	255662	5.01	308978	5.01	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	217793	7.23	265777	7.23	82	50 - 200	0.0000	+/-0.50	
WL-9 (30-32) (RTG0721-18)			Lab File ID: T0743.D			Analyzed: 07/09/10 19:03			
1,4-Dichlorobenzene-d4	107094	9.1	137661	9.1	78	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	253405	5.01	308978	5.01	82	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	211952	7.23	265777	7.23	80	50 - 200	0.0000	+/-0.50	
TB-070710 (RTG0721-19)			Lab File ID: T0744.D			Analyzed: 07/09/10 19:27			
1,4-Dichlorobenzene-d4	105809	9.1	137661	9.1	77	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	247761	5.01	308978	5.01	80	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	207218	7.23	265777	7.23	78	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003080	Instrument:	HP5975T
Matrix:	Water	Calibration:	R10F094

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T003080-CCV1)			Lab File ID: T0753.D			Analyzed: 07/10/10 09:56			
1,4-Dichlorobenzene-d4	147631	9.1				50 - 200		+/-0.50	
1,4-Difluorobenzene	330596	5.01				50 - 200		+/-0.50	
Chlorobenzene-d5	282900	7.23				50 - 200		+/-0.50	
LCS (10G0611-BS1)			Lab File ID: T0755.D			Analyzed: 07/10/10 10:44			
1,4-Dichlorobenzene-d4	123982	9.1	147631	9.1	84	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	283788	5.01	330596	5.01	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	239652	7.23	282900	7.23	85	50 - 200	0.0000	+/-0.50	
Blank (10G0611-BLK1)			Lab File ID: T0756.D			Analyzed: 07/10/10 11:08			
1,4-Dichlorobenzene-d4	115933	9.1	147631	9.1	79	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	271187	5.01	330596	5.01	82	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	220013	7.23	282900	7.23	78	50 - 200	0.0000	+/-0.50	
WL-6 (10-12) (RTG0721-06RE1)			Lab File ID: T0771.D			Analyzed: 07/10/10 17:30			
1,4-Dichlorobenzene-d4	105031	9.1	147631	9.1	71	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	250370	5.01	330596	5.01	76	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	209298	7.23	282900	7.23	74	50 - 200	0.0000	+/-0.50	
WL-8 (10-12) (RTG0721-11RE1)			Lab File ID: T0772.D			Analyzed: 07/10/10 17:54			
1,4-Dichlorobenzene-d4	108985	9.1	147631	9.1	74	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	250063	5.01	330596	5.01	76	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	211962	7.23	282900	7.23	75	50 - 200	0.0000	+/-0.50	
WL-9 (10-12) (RTG0721-12RE1)			Lab File ID: T0773.D			Analyzed: 07/10/10 18:18			
1,4-Dichlorobenzene-d4	106780	9.1	147631	9.1	72	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	258102	5.01	330596	5.01	78	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	214358	7.23	282900	7.23	76	50 - 200	0.0000	+/-0.50	
DUP-070710 (RTG0721-15RE1)			Lab File ID: T0774.D			Analyzed: 07/10/10 18:41			
1,4-Dichlorobenzene-d4	106000	9.1	147631	9.1	72	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	253726	5.01	330596	5.01	77	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	212656	7.23	282900	7.23	75	50 - 200	0.0000	+/-0.50	

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	T003085	Instrument:	HP5973G
Matrix:	Water	Calibration:	R10G037

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T003085-CCV1)			Lab File ID: G0217.D			Analyzed: 07/11/10 20:37			
1,4-Dichlorobenzene-d4	148084	11.09				50 - 200		+/-0.50	
1,4-Difluorobenzene	280749	5.83				50 - 200		+/-0.50	
Chlorobenzene-d5	151391	8.73				50 - 200		+/-0.50	
LCS (10G0633-BS1)			Lab File ID: G0218.D			Analyzed: 07/11/10 20:59			
1,4-Dichlorobenzene-d4	145924	11.09	148084	11.09	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	282084	5.84	280749	5.83	100	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	151760	8.73	151391	8.73	100	50 - 200	0.0000	+/-0.50	
Blank (10G0633-BLK1)			Lab File ID: G0219.D			Analyzed: 07/11/10 21:21			
1,4-Dichlorobenzene-d4	138550	11.09	148084	11.09	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	268027	5.84	280749	5.83	95	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	144194	8.73	151391	8.73	95	50 - 200	0.0000	+/-0.50	
WL-5 (10-12) (RTG0721-01RE1)			Lab File ID: G0236.D			Analyzed: 07/12/10 03:39			
1,4-Dichlorobenzene-d4	140500	11.09	148084	11.09	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	276345	5.84	280749	5.83	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	149256	8.73	151391	8.73	99	50 - 200	0.0000	+/-0.50	

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5973G

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.82	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.21	1.0	ug/L
1,1,2-Trichloroethane	0.23	1.0	ug/L
1,1,2-Trichlorotrifluoroethane	0.31	1.0	ug/L
1,1-Dichloroethane	0.38	1.0	ug/L
1,1-Dichloroethene	0.29	1.0	ug/L
1,2,4-Trichlorobenzene	0.41	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.39	1.0	ug/L
1,2-Dibromoethane (EDB)	0.73	1.0	ug/L
1,2-Dichlorobenzene	0.79	1.0	ug/L
1,2-Dichloroethane	0.21	1.0	ug/L
1,2-Dichloroethene, Total	0.70	2.0	ug/L
1,2-Dichloropropane	0.72	1.0	ug/L
1,3-Dichlorobenzene	0.78	1.0	ug/L
1,4-Dichlorobenzene	0.84	1.0	ug/L
2-Butanone (MEK)	1.3	10	ug/L
2-Hexanone	1.2	5.0	ug/L
4-Methyl-2-pentanone (MIBK)	2.1	5.0	ug/L
Acetone	3.0	10	ug/L
Benzene	0.41	1.0	ug/L
Bromodichloromethane	0.39	1.0	ug/L
Bromoform	0.26	1.0	ug/L
Bromomethane	0.69	1.0	ug/L
Carbon disulfide	0.19	1.0	ug/L
Carbon Tetrachloride	0.27	1.0	ug/L
Chlorobenzene	0.75	1.0	ug/L
Chlorodibromomethane	0.32	1.0	ug/L
Chloroethane	0.32	1.0	ug/L
Chloroform	0.34	1.0	ug/L
Chloromethane	0.35	1.0	ug/L
cis-1,2-Dichloroethene	0.81	1.0	ug/L
cis-1,3-Dichloropropene	0.36	1.0	ug/L
Cyclohexane	0.18	1.0	ug/L
Dichlorodifluoromethane	0.68	1.0	ug/L
Ethylbenzene	0.74	1.0	ug/L
Isopropylbenzene	0.79	1.0	ug/L
Methyl Acetate	0.50	1.0	ug/L
Methyl tert-Butyl Ether	0.16	1.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5973G

Analyte	MDL	MRL	Units
Methylcyclohexane	0.16	1.0	ug/L
Methylene Chloride	0.44	1.0	ug/L
Styrene	0.73	1.0	ug/L
Tetrachloroethene	0.36	1.0	ug/L
Toluene	0.51	1.0	ug/L
trans-1,2-Dichloroethene	0.90	1.0	ug/L
trans-1,3-Dichloropropene	0.37	1.0	ug/L
Trichloroethene	0.46	1.0	ug/L
Trichlorofluoromethane	0.88	1.0	ug/L
Vinyl chloride	0.90	1.0	ug/L
Xylenes, total	0.66	2.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5975T

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.82	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.21	1.0	ug/L
1,1,2-Trichloroethane	0.23	1.0	ug/L
1,1,2-Trichlorotrifluoroethane	0.31	1.0	ug/L
1,1-Dichloroethane	0.38	1.0	ug/L
1,1-Dichloroethene	0.29	1.0	ug/L
1,2,4-Trichlorobenzene	0.41	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.39	1.0	ug/L
1,2-Dibromoethane (EDB)	0.73	1.0	ug/L
1,2-Dichlorobenzene	0.79	1.0	ug/L
1,2-Dichloroethane	0.21	1.0	ug/L
1,2-Dichloroethene, Total	0.70	2.0	ug/L
1,2-Dichloropropane	0.72	1.0	ug/L
1,3-Dichlorobenzene	0.78	1.0	ug/L
1,4-Dichlorobenzene	0.84	1.0	ug/L
2-Butanone (MEK)	1.3	10	ug/L
2-Hexanone	1.2	5.0	ug/L
4-Methyl-2-pentanone (MIBK)	2.1	5.0	ug/L
Acetone	3.0	10	ug/L
Benzene	0.41	1.0	ug/L
Bromodichloromethane	0.39	1.0	ug/L
Bromoform	0.26	1.0	ug/L
Bromomethane	0.69	1.0	ug/L
Carbon disulfide	0.19	1.0	ug/L
Carbon Tetrachloride	0.27	1.0	ug/L
Chlorobenzene	0.75	1.0	ug/L
Chlorodibromomethane	0.32	1.0	ug/L
Chloroethane	0.32	1.0	ug/L
Chloroform	0.34	1.0	ug/L
Chloromethane	0.35	1.0	ug/L
cis-1,2-Dichloroethene	0.81	1.0	ug/L
cis-1,3-Dichloropropene	0.36	1.0	ug/L
Cyclohexane	0.18	1.0	ug/L
Dichlorodifluoromethane	0.68	1.0	ug/L
Ethylbenzene	0.74	1.0	ug/L
Isopropylbenzene	0.79	1.0	ug/L
Methyl Acetate	0.50	1.0	ug/L
Methyl tert-Butyl Ether	0.16	1.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

Client: ARCADIS U.S., Inc. - Albany, NY **Project:** Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water **Instrument:** HP5975T

Analyte	MDL	MRL	Units
Methylcyclohexane	0.16	1.0	ug/L
Methylene Chloride	0.44	1.0	ug/L
Styrene	0.73	1.0	ug/L
Tetrachloroethene	0.36	1.0	ug/L
Toluene	0.51	1.0	ug/L
trans-1,2-Dichloroethene	0.90	1.0	ug/L
trans-1,3-Dichloropropene	0.37	1.0	ug/L
Trichloroethene	0.46	1.0	ug/L
Trichlorofluoromethane	0.88	1.0	ug/L
Vinyl chloride	0.90	1.0	ug/L
Xylenes, total	0.66	2.0	ug/L

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-5 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-01 File ID: T0726.D

Sampled: 07/06/10 11:25 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 12:18

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	0.77	J
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	180	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	2.5	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	180	E
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	3.4	
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-5 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-01	File ID:	T0726.D
Sampled:	07/06/10 11:25	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 12:18
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	0.81	J
108-88-3	Toluene	1	2.1	
156-60-5	trans-1,2-Dichloroethene	1	2.2	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	5.0	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	78	
1330-20-7	Xylenes, total	1	1.5	J

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	21.9	87	73 - 120	
Toluene-d8	25.0	23.0	92	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	117293	9.1	137661	9.1	
1,4-Difluorobenzene	280395	5.01	308978	5.01	
Chlorobenzene-d5	229806	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0726.D Vial: 6
Acq On : 9 Jul 2010 12:18 Operator: LH
Sample : RTG0721-01 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:11:21 2010 Results File: R10F094-6PT.RES

RA 044

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SRE 7/9/10 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	280395	25.00	ug/L	0.00 90.75%
42) CI20	Chlorobenzene-D5	7.23	117	229806	25.00	ug/L	0.00 86.47%
61) CI30	1,4-Dichlorobenzene-	9.10	152	117293	25.00	ug/L	0.00 85.20%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	137323	22.98	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	91.92%		
43) CS05	Toluene-D8	6.11	98	347748	23.02	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	92.08%		
60) CS10	p-Bromofluorobenzene	8.17	174	91568	21.86	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	87.44%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	1170	N.D.		
4) C020	Vinyl chloride	1.40	62	439730	78.15	ug/L	99
5) C015	Bromomethane	1.71	94	332	N.D.		
6) C025	Chloroethane	1.83	64	139	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.50	96	3205	0.77	ug/L #	80
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	3335	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.67	43	4661	N.D.		
14) C300	Acetonitrile	2.89	41	487	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.49	101	2892	1.00	ug/L #	71
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.21	96	10871	2.16	ug/L #	86
19) C255	Methyl Acetate	2.90	43	900	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	1556	N.D.		
21) C125	Vinyl Acetate	3.60	43	300	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	977950	182.21	ug/L #	87
24) C272	Tetrahydrofuran	4.40	42	5636	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.41	83	1076	N.D.		
27) C115	1,1,1-Trichloroeth	4.41	97	164	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	50695	2.49	ug/L	96
32) C065	1,2-Dichloroethane	4.71	62	413	N.D.		
33) C110	2-Butanone	4.15	43	1910	N.D.		
34) C256	Cyclohexane	4.41	56	25882	3.42	ug/L	90
35) C150	Trichloroethene	5.19	95	26137	4.96	ug/L	95
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/9/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0726.D Vial: 6
Acq On : 9 Jul 2010 12:18 Operator: LH
Sample : RTG0721-01 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:11:21 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	2634	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	24185	2.06	ug/L	97
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	2175	N.D.		
49) C220	Tetrachloroethene	6.56	166	3775	0.81	ug/L	89
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.71	43	187	N.D.		
54) C235	Chlorobenzene	7.25	112	351	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	8153	N.D.		
57) C246	m,p-Xylene	7.42	106	12626	1.54	ug/L	96
58) C247	o-Xylene	7.74	106	3389	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	8.01	105	129	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.41	105	264	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	377	N.D.		
74) C308	sec-Butylbenzene	8.79	105	377	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

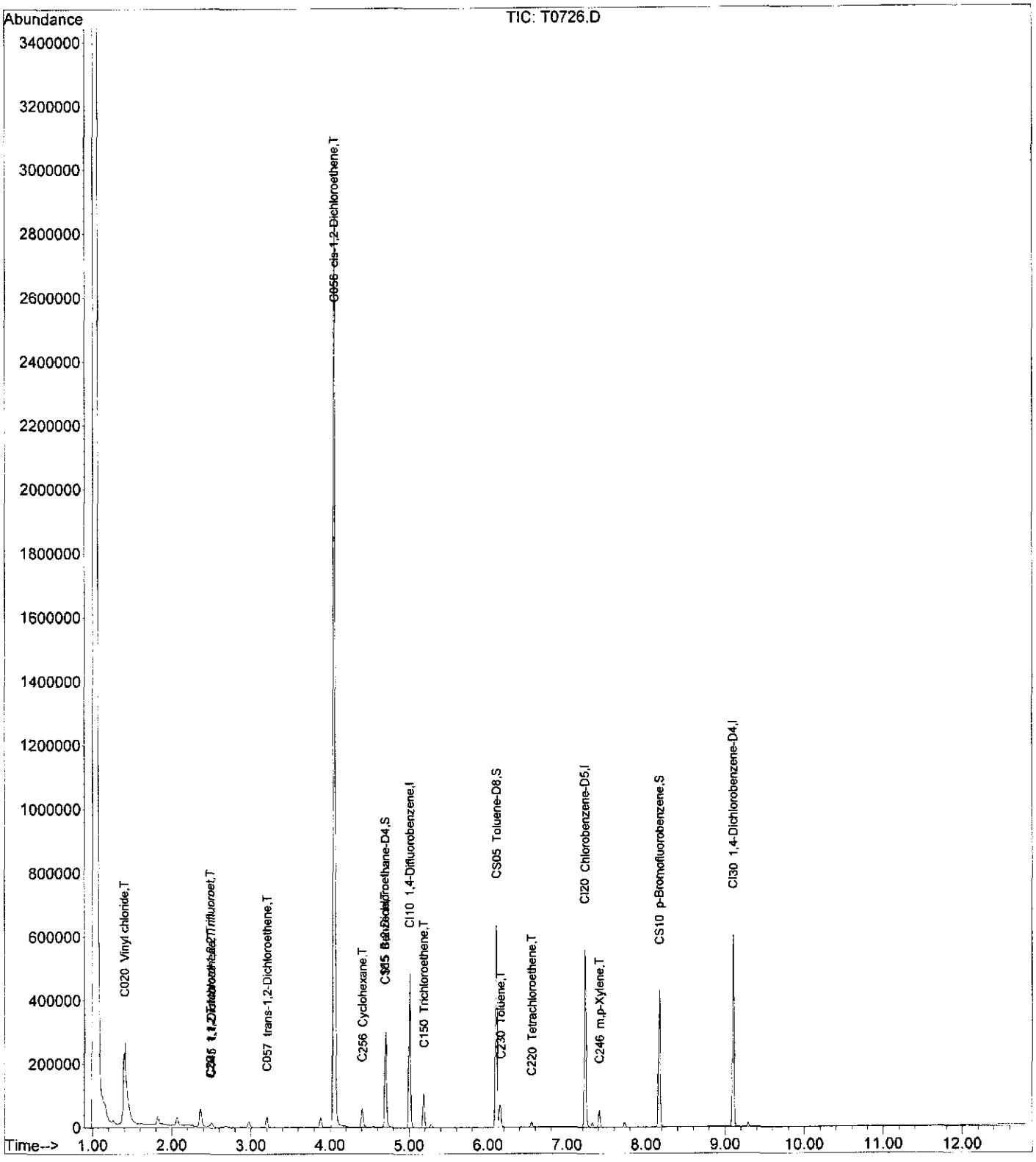
(#) = qualifier out of range (m) = manual integration (+) = signals summed

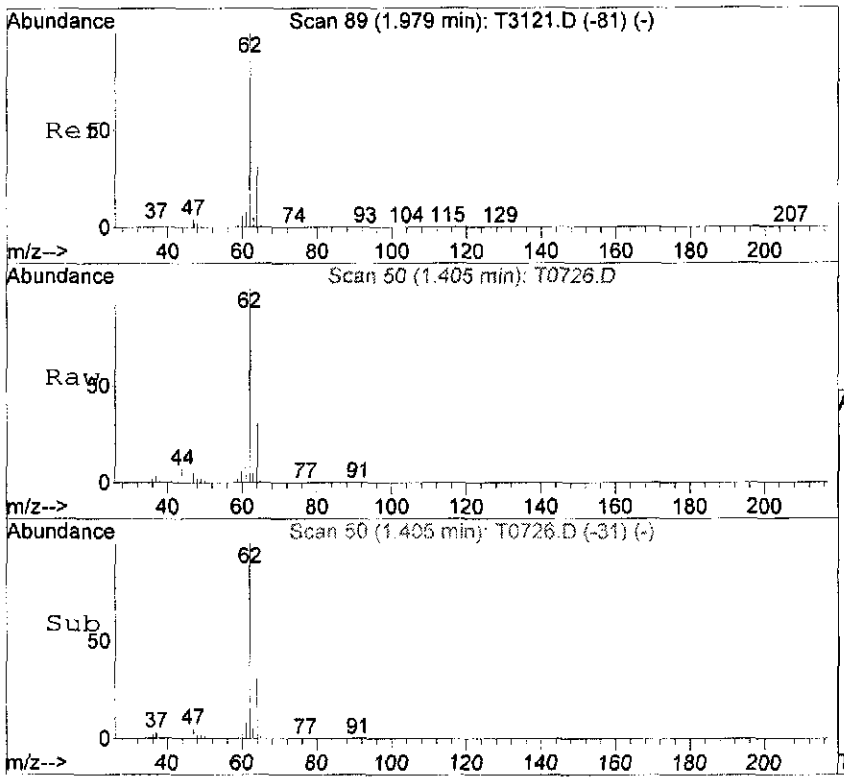
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0726.D
Acq On : 9 Jul 2010 12:18
Sample : RTG0721-01
Misc :
MS Integration Params: RTEINT.P

Vial: 6
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:11:21 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

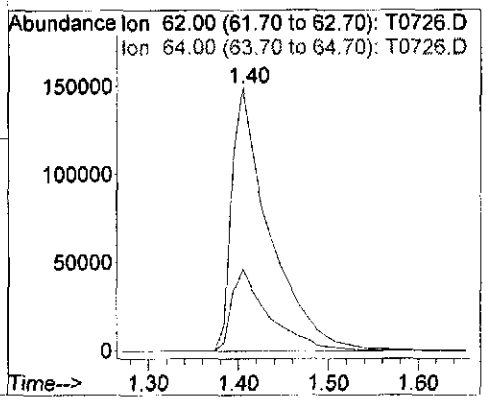


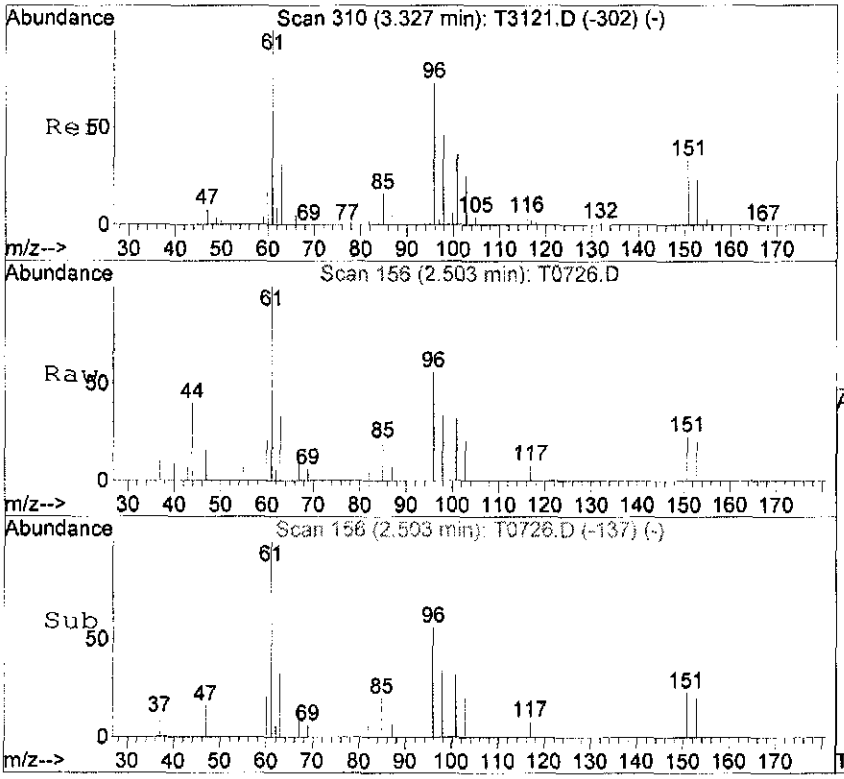


#4
C020 Vinyl chloride
Concen: 78.15 ug/L
RT: 1.40 min Scan# 50
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 62 Resp: 439730

Ion	Ratio	Lower	Upper
62	100		
64	31.1	11.8	51.8

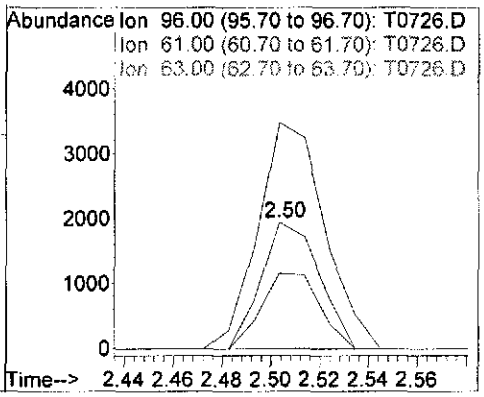


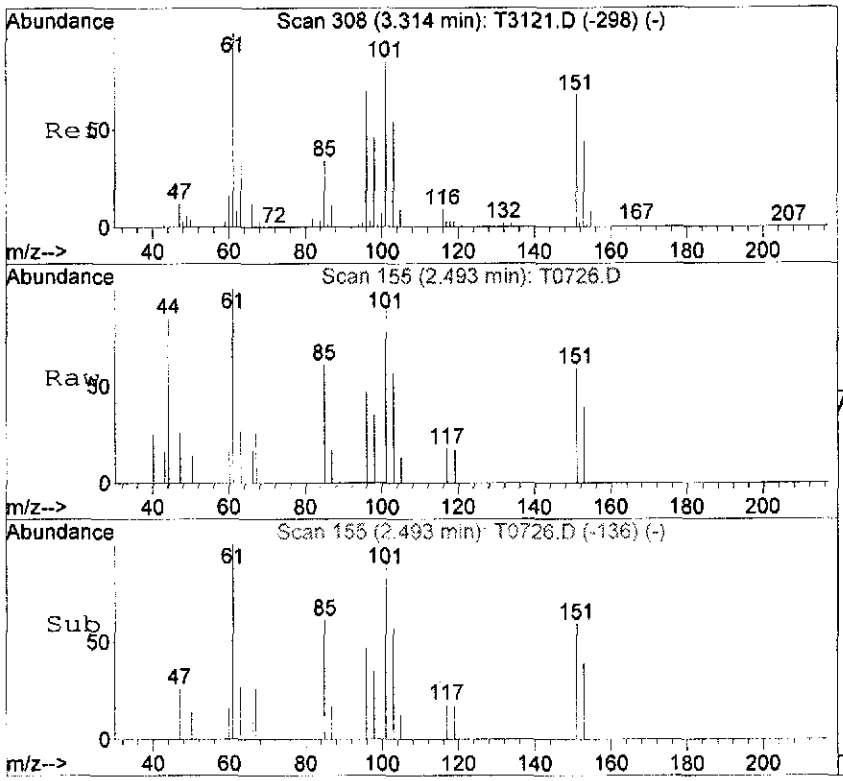


#8
C045 1,1-Dichloroethene
Concen: 0.77 ug/L
RT: 2.50 min Scan# 156
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 96 Resp: 3205

Ion	Ratio	Lower	Upper
96	100		
61	179.3	196.5	236.5#
63	59.5	45.8	85.8

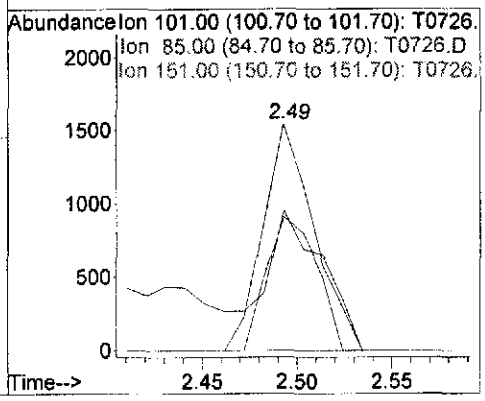


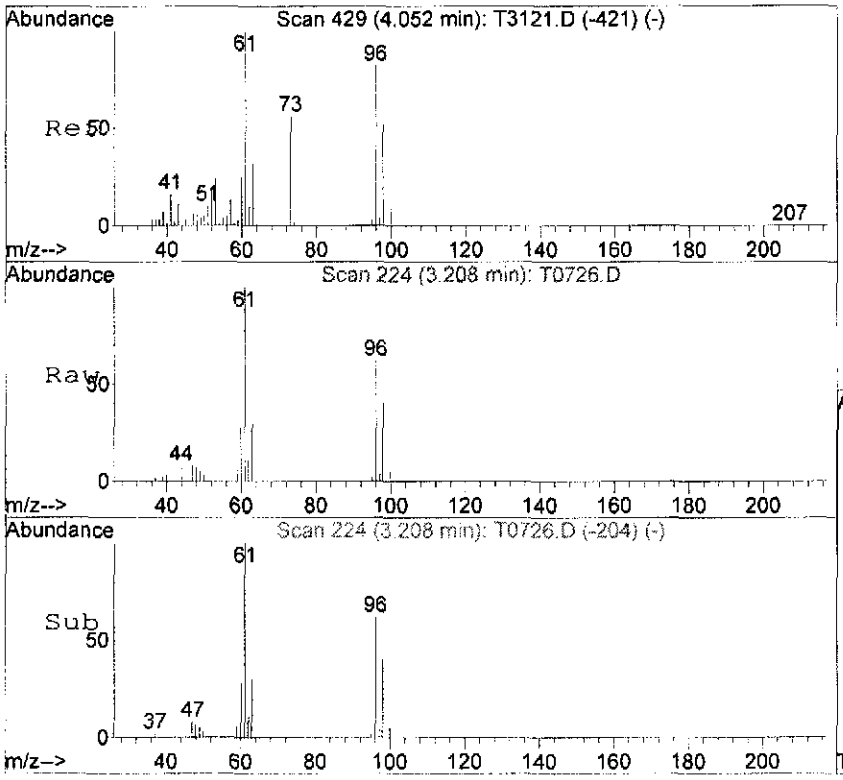


#16
C291 1,1,2 Trichloro-1,2,2 Tr:
Concen: 1.00 ug/L
RT: 2.49 min Scan# 155
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion:101 Resp: 2892

Ion	Ratio	Lower	Upper
101	100		
85	70.9	36.9	55.3#
151	58.1	63.0	94.6#

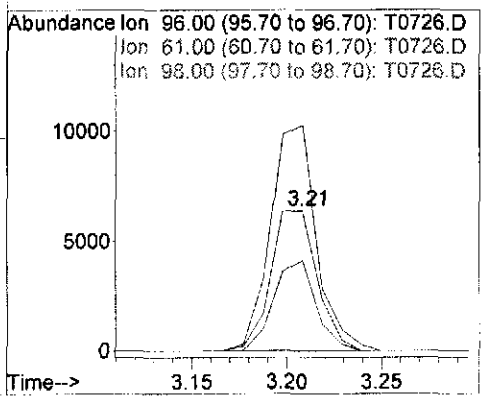


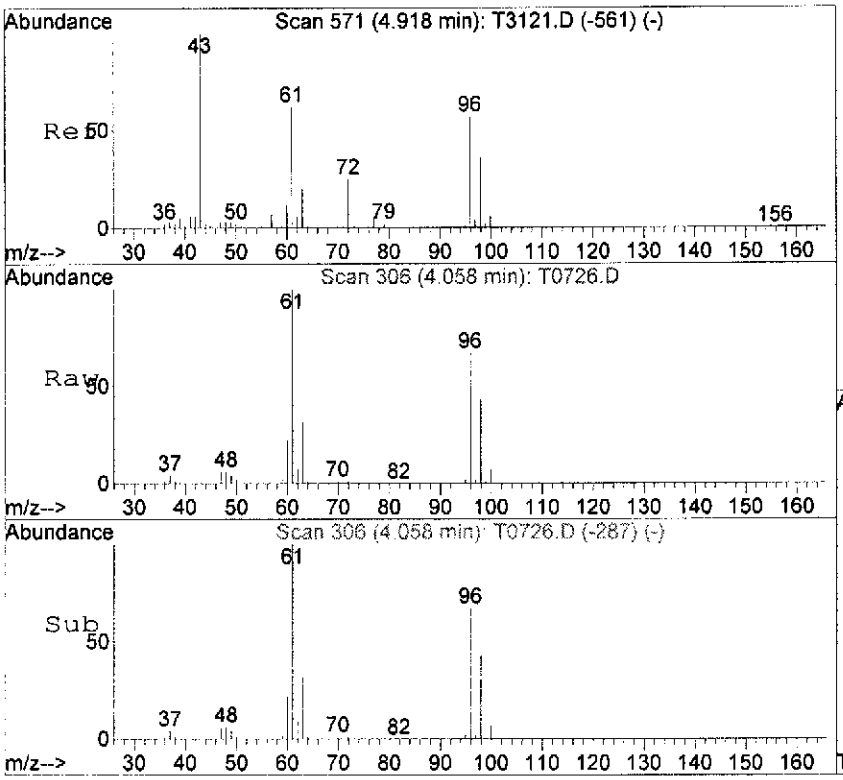


#18
C057 trans-1,2-Dichloroethene
Concen: 2.16 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 96 Resp: 10871

Ion	Ratio	Lower	Upper
96	100		
61	160.6	167.6	207.6#
98	64.5	44.0	84.0

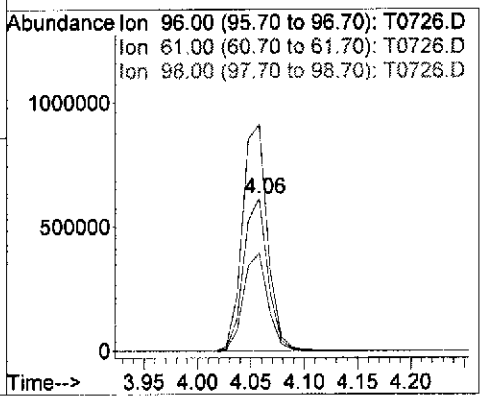


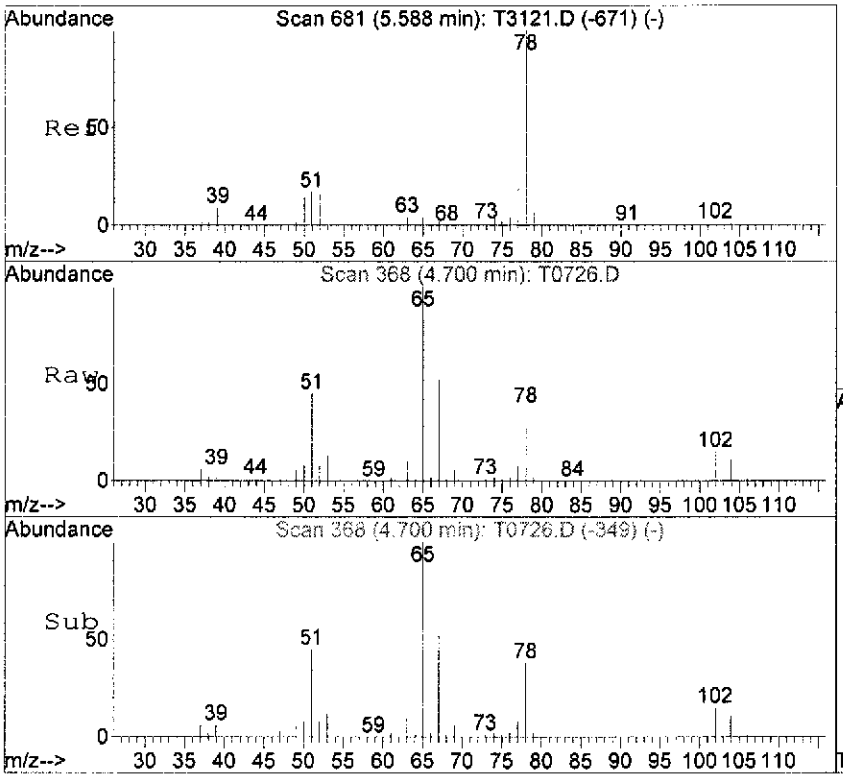


#23
C056 cis-1,2-Dichloroethene
Concen: 182.21 ug/L
RT: 4.06 min Scan# 306
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 96 Resp: 977950

Ion	Ratio	Lower	Upper
96	100		
61	148.3	152.8	192.8#
98	64.1	44.6	84.6

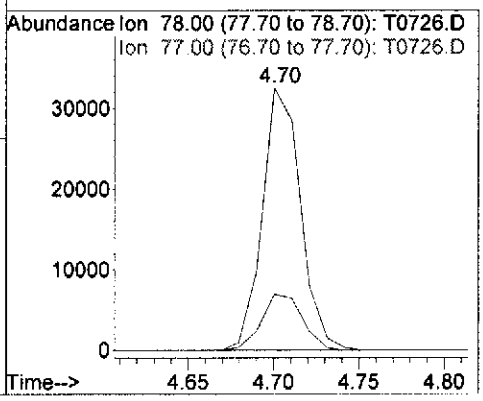


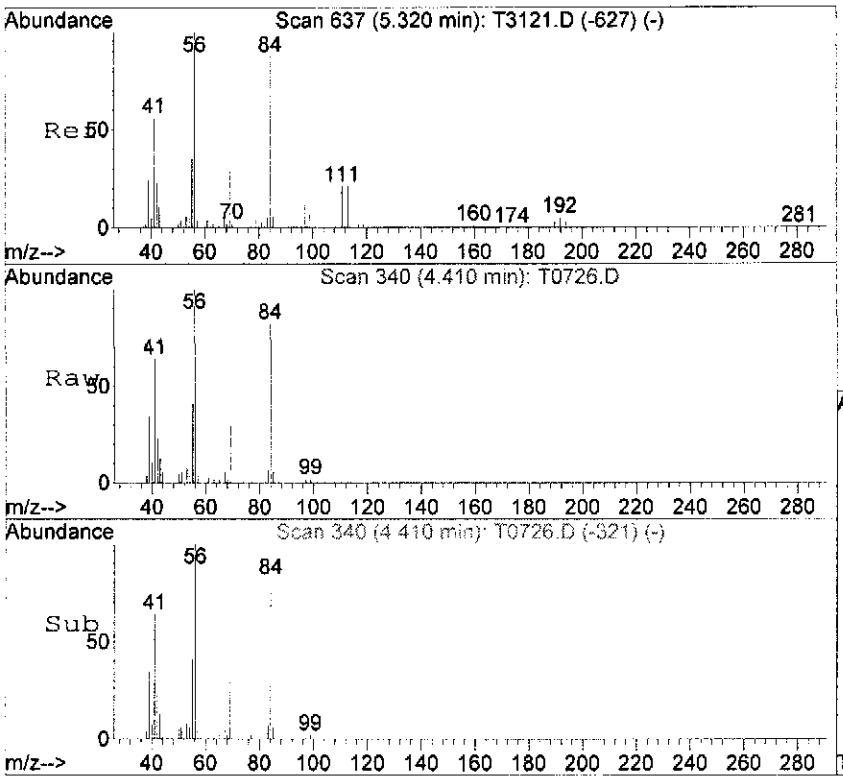


#31
C165 Benzene
Concen: 2.49 ug/L
RT: 4.70 min Scan# 368
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 78 Resp: 50695

Ion	Ratio	Lower	Upper
78	100		
77	21.3	3.1	43.1

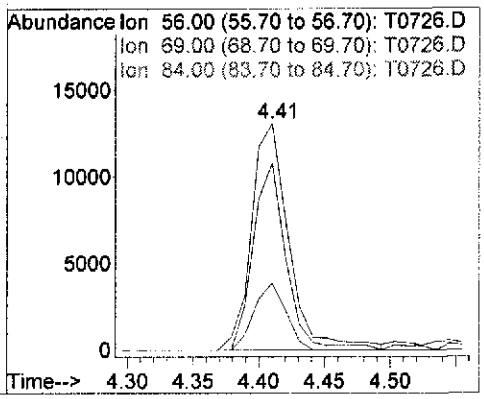


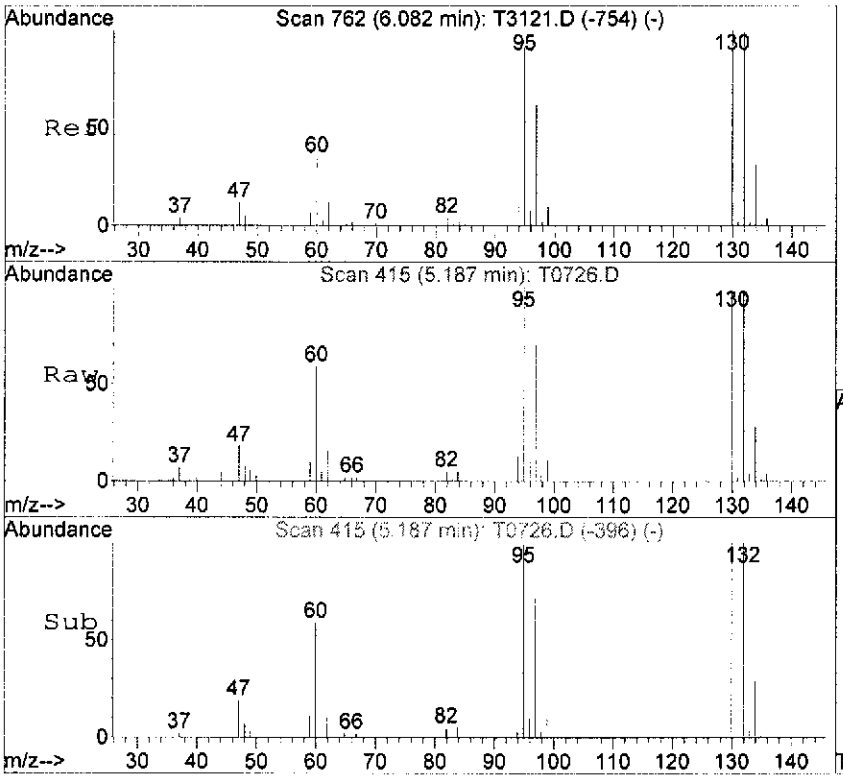


#34
C256 Cyclohexane
Concen: 3.42 ug/L
RT: 4.41 min Scan# 340
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 56 Resp: 25882

Ion	Ratio	Lower	Upper
56	100		
69	25.1	18.0	27.0
84	72.8	50.7	76.1

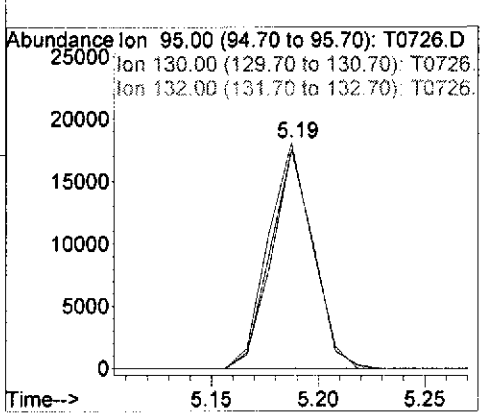


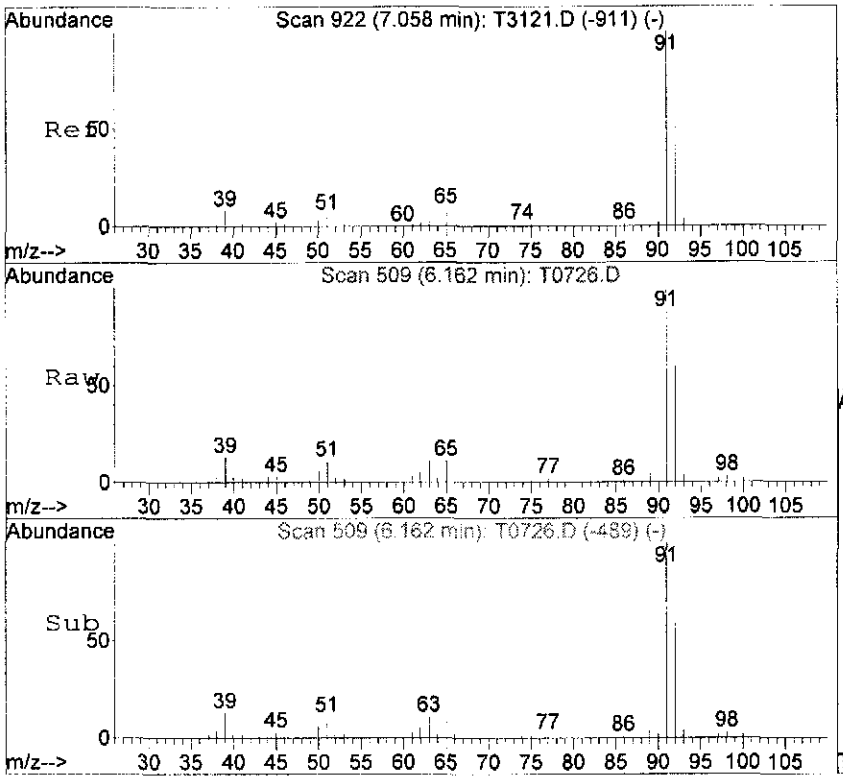


#35
C150 Trichloroethene
Concen: 4.96 ug/L
RT: 5.19 min Scan# 415
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 95 Resp: 26137

Ion	Ratio	Lower	Upper
95	100		
130	96.9	75.1	115.1
132	97.0	70.0	110.0

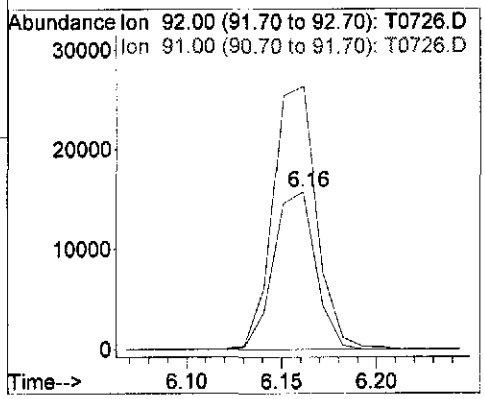


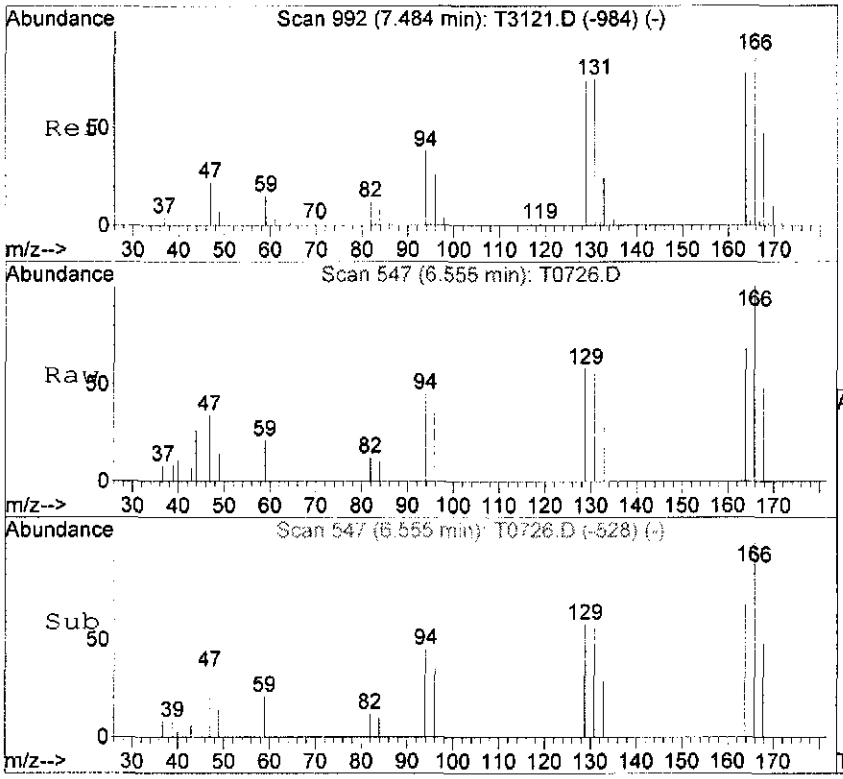


#44
C230 Toluene
Concen: 2.06 ug/L
RT: 6.16 min Scan# 509
Delta R.T. 0.01 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion: 92 Resp: 24185

Ion	Ratio	Lower	Upper
92	100		
91	167.3	151.4	191.4

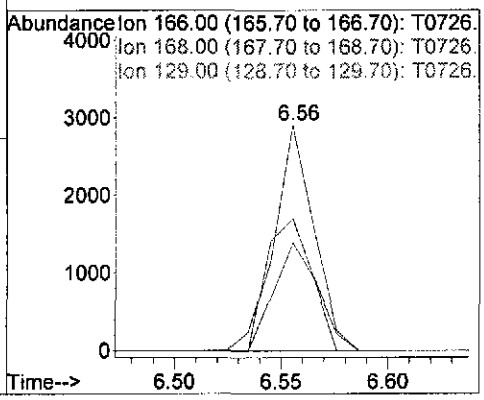


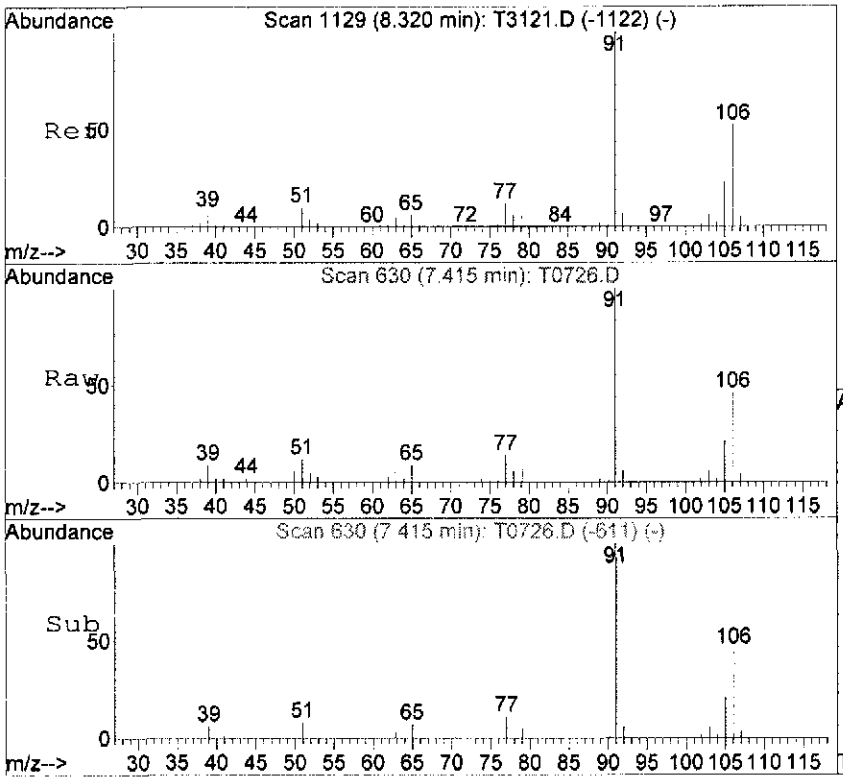


#49
C220 Tetrachloroethene
Concen: 0.81 ug/L
RT: 6.56 min Scan# 547
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion:166 Resp: 3775

Ion	Ratio	Lower	Upper
166	100		
168	47.8	26.2	66.2
129	58.4	51.9	91.9

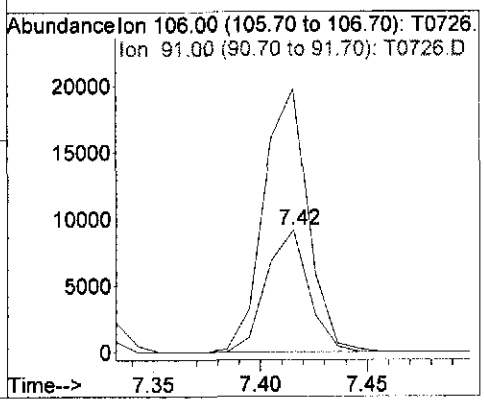




#57
C246 m,p-Xylene
Concen: 1.54 ug/L
RT: 7.42 min Scan# 630
Delta R.T. -0.00 min
Lab File: T0726.D
Acq: 9 Jul 2010 12:18

Tgt Ion:106 Resp: 12626

Ion	Ratio	Lower	Upper
106	100		
91	215.7	189.6	229.6



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-5 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-01RE1 File ID: G0236.D

Sampled: 07/06/10 11:25 Prepared: 07/11/10 20:04 Analyzed: 07/12/10 03:39

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	4	4.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	4	4.0	UD
79-00-5	1,1,2-Trichloroethane	4	4.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	4	4.0	UD
75-34-3	1,1-Dichloroethane	4	4.0	UD
75-35-4	1,1-Dichloroethene	4	4.0	UD
120-82-1	1,2,4-Trichlorobenzene	4	4.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	4	4.0	UD
106-93-4	1,2-Dibromoethane (EDB)	4	4.0	UD
95-50-1	1,2-Dichlorobenzene	4	4.0	UD
107-06-2	1,2-Dichloroethane	4	4.0	UD
540-59-0	1,2-Dichloroethene, Total	4	200	D
78-87-5	1,2-Dichloropropane	4	4.0	UD
541-73-1	1,3-Dichlorobenzene	4	4.0	UD
106-46-7	1,4-Dichlorobenzene	4	4.0	UD
78-93-3	2-Butanone (MEK)	4	40	UD
591-78-6	2-Hexanone	4	20	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	4	20	UD
67-64-1	Acetone	4	40	UD
71-43-2	Benzene	4	2.2	JD
75-27-4	Bromodichloromethane	4	4.0	UD
75-25-2	Bromoform	4	4.0	UD
74-83-9	Bromomethane	4	4.0	UD
75-15-0	Carbon disulfide	4	4.0	UD
56-23-5	Carbon Tetrachloride	4	4.0	UD
108-90-7	Chlorobenzene	4	4.0	UD
124-48-1	Chlorodibromomethane	4	4.0	UD
75-00-3	Chloroethane	4	4.0	UD
67-66-3	Chloroform	4	4.0	UD
74-87-3	Chloromethane	4	4.0	UD
156-59-2	cis-1,2-Dichloroethene	4	190	D
10061-01-5	cis-1,3-Dichloropropene	4	4.0	UD
110-82-7	Cyclohexane	4	3.1	JD
75-71-8	Dichlorodifluoromethane	4	4.0	UD
100-41-4	Ethylbenzene	4	4.0	UD
98-82-8	Isopropylbenzene	4	4.0	UD
79-20-9	Methyl Acetate	4	4.0	UD
1634-04-4	Methyl tert-Butyl Ether	4	4.0	UD
108-87-2	Methylcyclohexane	4	4.0	UD

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-5 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-01RE1 File ID: G0236.D

Sampled: 07/06/10 11:25 Prepared: 07/11/10 20:04 Analyzed: 07/12/10 03:39

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	4	4.0	UD
100-42-5	Styrene	4	4.0	UD
127-18-4	Tetrachloroethene	4	4.0	UD
108-88-3	Toluene	4	4.0	UD
156-60-5	trans-1,2-Dichloroethene	4	4.0	UD
10061-02-6	trans-1,3-Dichloropropene	4	4.0	UD
79-01-6	Trichloroethene	4	4.1	D
75-69-4	Trichlorofluoromethane	4	4.0	UD
75-01-4	Vinyl chloride	4	77	D
1330-20-7	Xylenes, total	4	8.0	UD

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	20.5	82	66 - 137	D
4-Bromofluorobenzene	25.0	23.2	93	73 - 120	D
Toluene-d8	25.0	24.7	99	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	140500	11.09	148084	11.09	
1,4-Difluorobenzene	276345	5.84	280749	5.83	
Chlorobenzene-d5	149256	8.73	151391	8.73	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\071110\G0236.D Vial: 21
Acq On : 12 Jul 2010 3:39 Operator: NMD
Sample : RTG0721-01RE1@4X Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 08:34:42 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Jul 12 08:32:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

SDF 7/12/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	276345	25.00	ug/L	0.00 98.43%
42) CI20	Chlorobenzene-D5	8.73	82	149256	25.00	ug/L	0.00 98.59%
62) CI30	1,4-Dichlorobenzene-	11.09	152	140500	25.00	ug/L	0.00 94.88%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.45	65	116586	20.48	ug/L	0.00
Spiked Amount	25.000	Range 66 - 137		Recovery =	81.92%		
43) CS05	Toluene-D8	7.25	98	340409	24.73	ug/L	0.00
Spiked Amount	25.000	Range 71 - 126		Recovery =	98.92%		
61) CS10	p-Bromofluorobenzene	9.96	174	104220	23.18	ug/L	0.00
Spiked Amount	25.000	Range 73 - 120		Recovery =	92.72%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.65	50	55	N.D.		
4) C020	Vinyl chloride	1.79	62	92764	19.22	ug/L	87
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.96	96	619	N.D.		
9) C030	Methylene chloride	3.48	84	784	N.D.		
10) C040	Carbon disulfide	3.17	76	351	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	3.09	43	1721	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	2.98	101	55	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.71	96	1996	0.58	ug/L	84
19) C255	Methyl Acetate	3.44	43	73	N.D.		
20) C050	1,1-Dichloroethane	4.12	63	65	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.67	96	182944	48.38	ug/L	85
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.98	83	133	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	5.47	78	8334	0.56	ug/L	97
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.75	43	218	N.D.		
34) C256	Cyclohexane	5.14	56	5463	0.78	ug/L	91
35) C150	Trichloroethene	6.08	95	3799	1.03	ug/L	84
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\071110\G0236.D Vial: 21
Acq On : 12 Jul 2010 3:39 Operator: NMD
Sample : RTG0721-01RE1@4X Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 08:34:42 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Jul 12 08:32:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

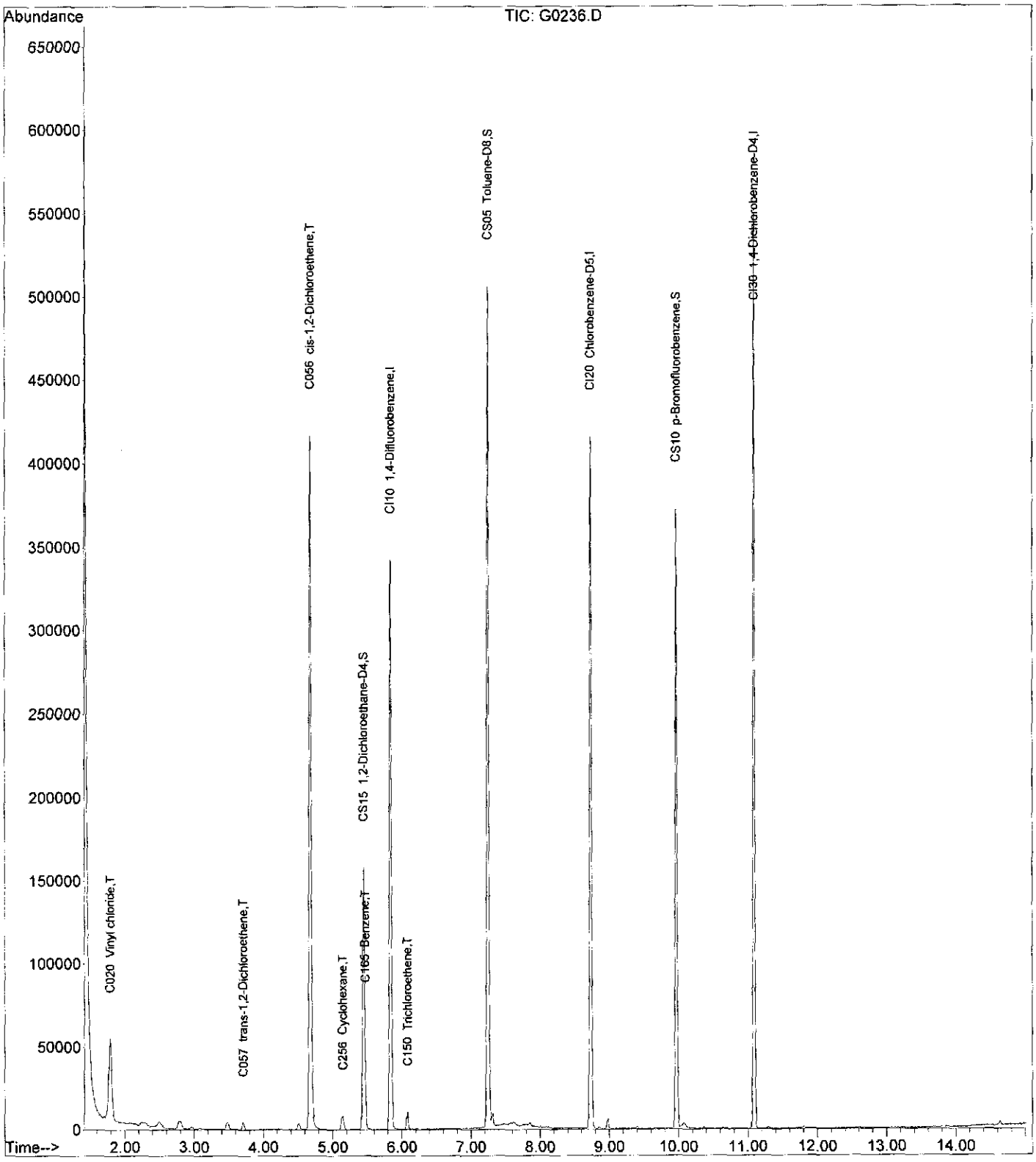
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	6.22	83	517	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	7.31	92	3640	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	7.25	43	1706	N.D.	
49) C220	Tetrachloroethene	7.86	166	532	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	8.86	91	1317	N.D.	
57) C246	m,p-Xylene	8.98	106	1997	N.D.	
58) C247	o-Xylene	9.40	106	367	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	9.96	91	433	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	10.73	105	65	N.D.	
74) C308	sec-Butylbenzene	10.73	105	65	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	13.07	128	56	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

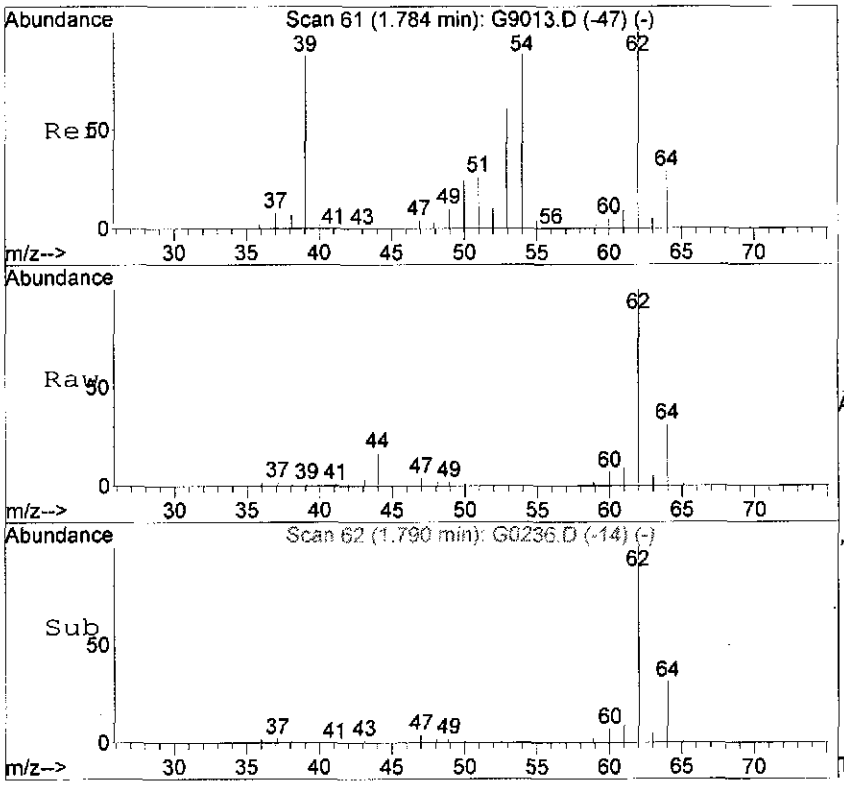
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\071110\G0236.D Vial: 21
Acq On : 12 Jul 2010 3:39 Operator: NMD
Sample : RTG0721-01RE1@4X Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 12 08:34:42 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Jul 12 08:32:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA

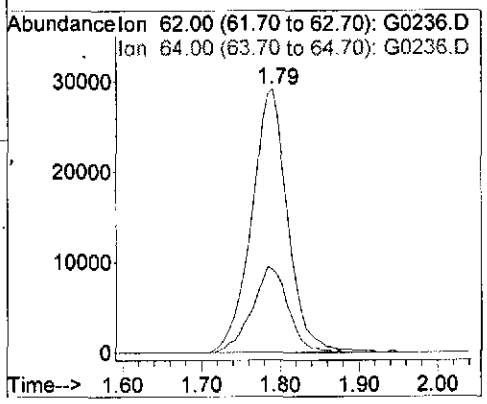


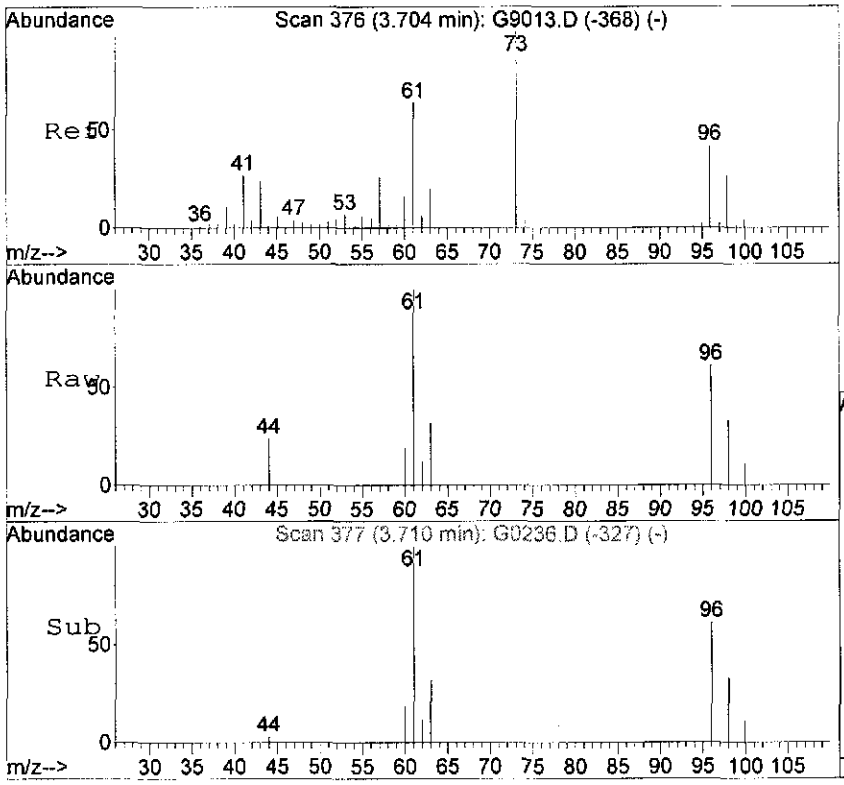


#4
C020 Vinyl chloride
Concen: 19.22 ug/L
RT: 1.79 min Scan# 62
Delta R.T. -0.01 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 62 Resp: 92764

Ion	Ratio	Lower	Upper
62	100		
64	31.5	9.4	69.4

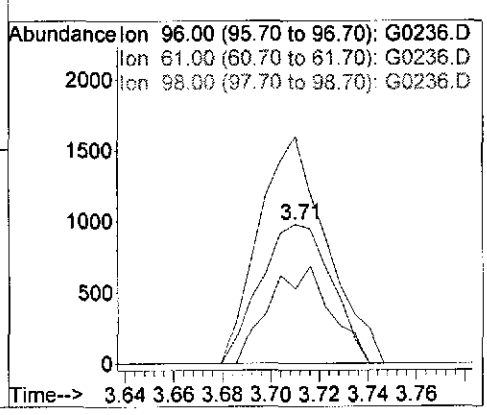


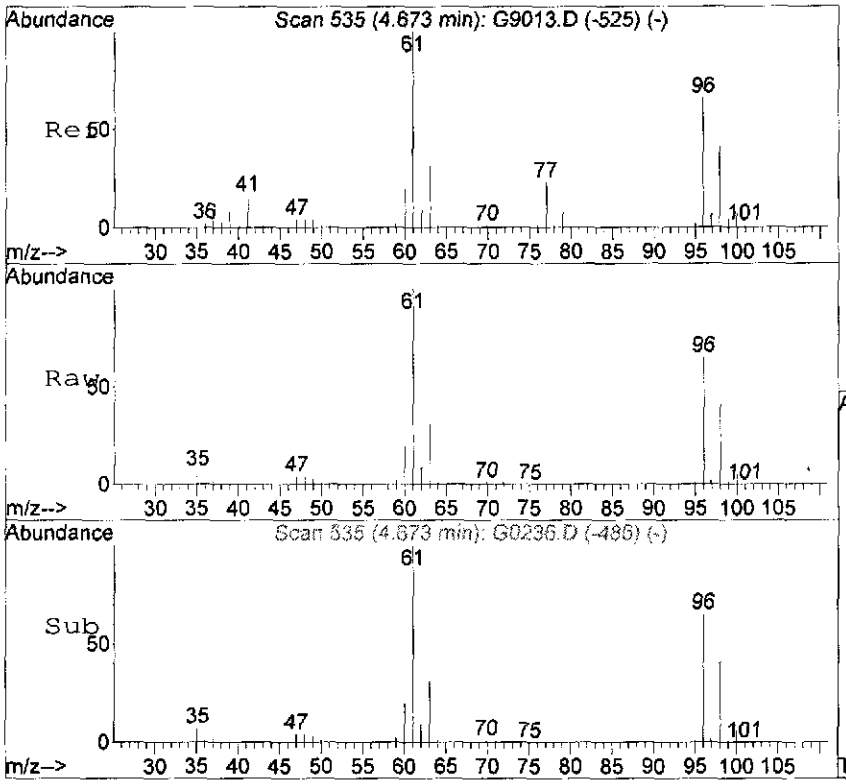


#18
C057 trans-1,2-Dichloroethene
Concen: 0.58 ug/L
RT: 3.71 min Scan# 377
Delta R.T. 0.01 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 96 Resp: 1996

Ion	Ratio	Lower	Upper
96	100		
61	163.4	111.5	171.5
98	53.9	33.0	93.0

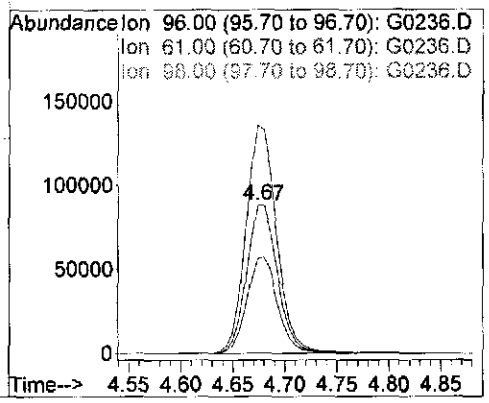


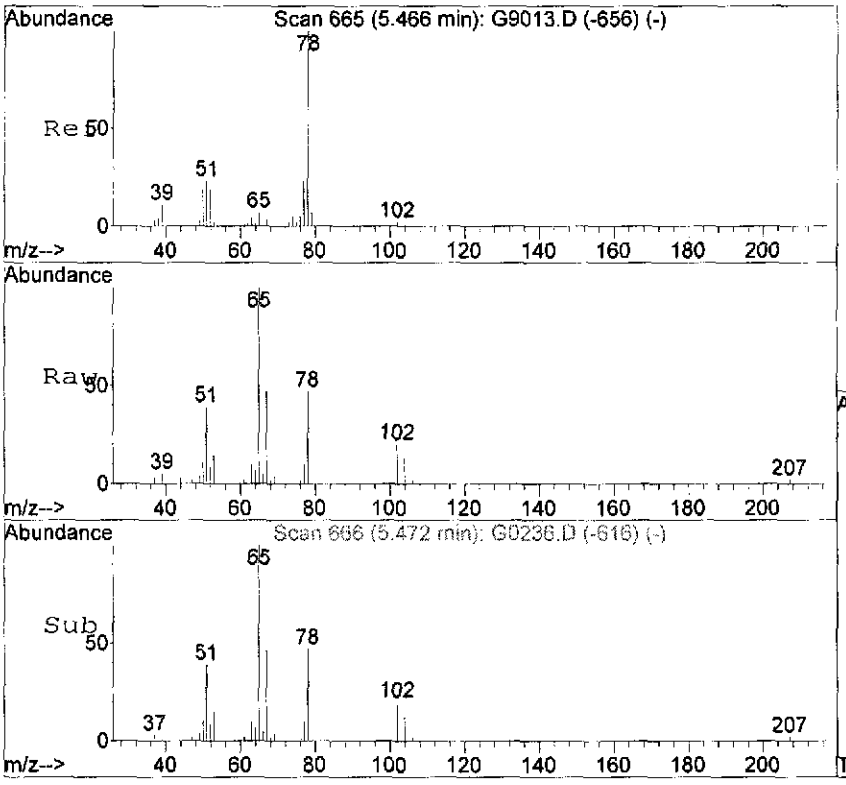


#23
C056 cis-1,2-Dichloroethene
Concen: 48.38 ug/L
RT: 4.67 min Scan# 535
Delta R.T. -0.00 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 96 Resp: 182944

Ion	Ratio	Lower	Upper
96	100		
61	154.2	99.9	159.9
98	63.9	31.8	91.8

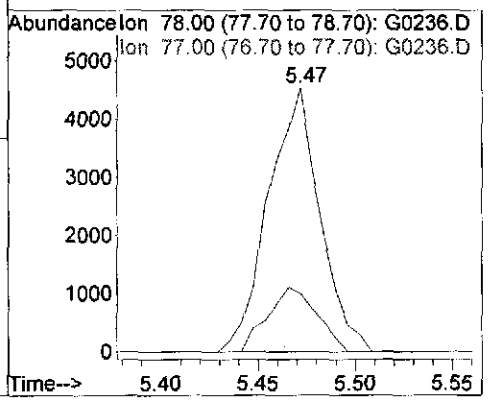


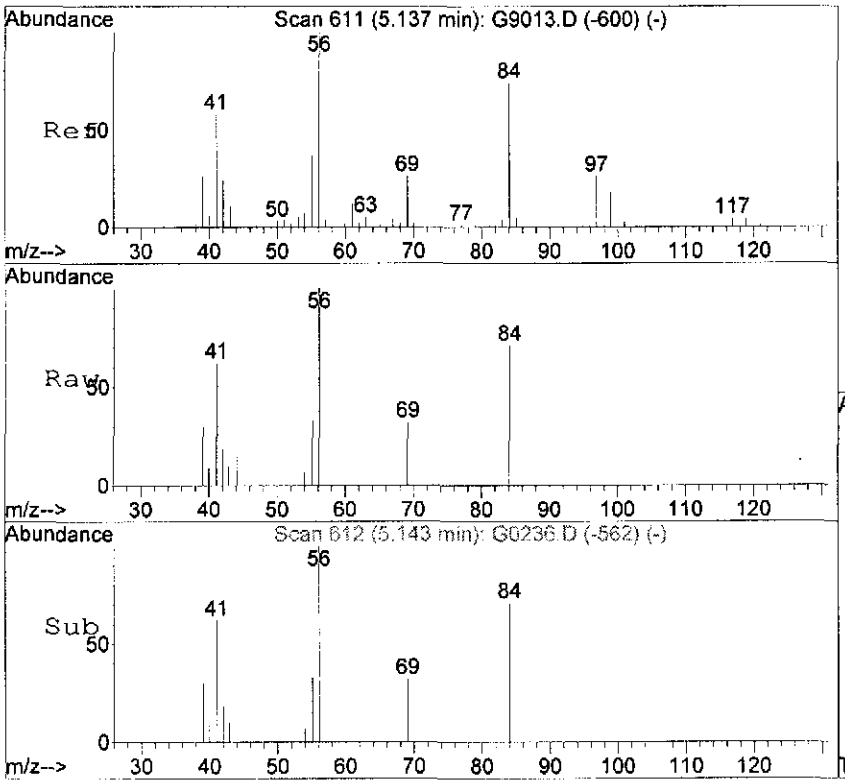


#31
C165 Benzene
Concen: 0.56 ug/L
RT: 5.47 min Scan# 666
Delta R.T. 0.01 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 78 Resp: 8334

Ion	Ratio	Lower	Upper
78	100		
77	21.9	0.0	53.3

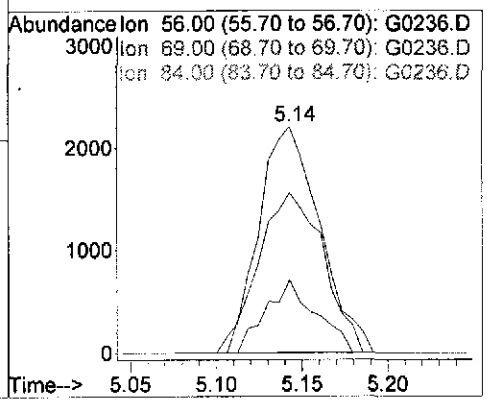


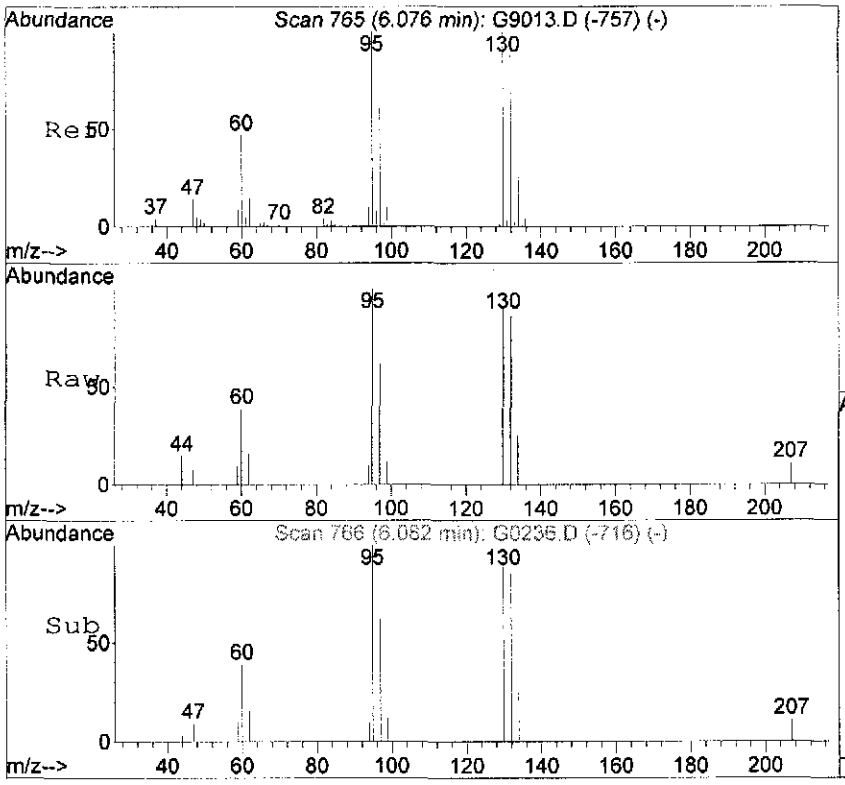


#34
C256 Cyclohexane
Concen: 0.78 ug/L
RT: 5.14 min Scan# 612
Delta R.T. 0.01 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 56 Resp: 5463

Ion	Ratio	Lower	Upper
56	100		
69	26.1	23.8	35.8
84	74.2	66.2	99.4

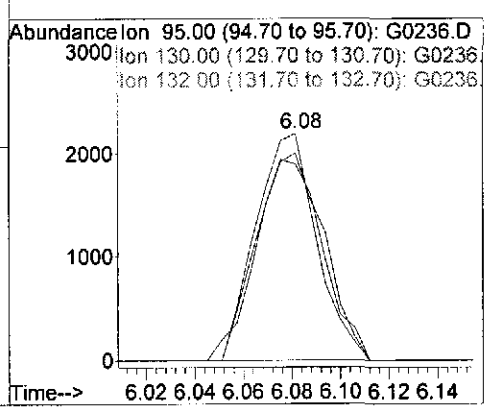




#35
C150 Trichloroethene
Concen: 1.03 ug/L
RT: 6.08 min Scan# 766
Delta R.T. 0.01 min
Lab File: G0236.D
Acq: 12 Jul 2010 3:39

Tgt Ion: 95 Resp: 3799

Ion	Ratio	Lower	Upper
95	100		
130	91.2	77.6	137.6
132	86.3	72.8	132.8



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-5 (19-21)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-02 File ID: T0727.D

Sampled: 07/06/10 11:35 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 12:42

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	6.8	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	6.8	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-5 (19-21)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-02	File ID:	T0727.D
Sampled:	07/06/10 11:35	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 12:42
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	0.56	J
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	0.99	J
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.1	88	66 - 137	
4-Bromofluorobenzene	25.0	21.2	85	73 - 120	
Toluene-d8	25.0	21.8	87	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	114217	9.1	137661	9.1	
1,4-Difluorobenzene	277811	5.01	308978	5.01	
Chlorobenzene-d5	230661	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0727.D
Acq On : 9 Jul 2010 12:42
Sample : RTG0721-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:11:40 2010

Vial: 7
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SKE 7/9/10 LH

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	277811	25.00	ug/L	0.00 89.91%
42) CI20	Chlorobenzene-D5	7.23	117	230661	25.00	ug/L	0.00 86.79%
61) CI30	1,4-Dichlorobenzene-	9.10	152	114217	25.00	ug/L	0.00 82.97%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	130846	22.10	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	88.40%		
43) CS05	Toluene-D8	6.11	98	331013	21.83	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	87.32%		
60) CS10	p-Bromofluorobenzene	8.17	174	89004	21.17	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	84.68%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	625	N.D.		
4) C020	Vinyl chloride	1.41	62	5505	0.99	ug/L	76
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	6301	N.D.		
11) C036	Acrolein	2.50	56	269	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	6659	N.D.		
14) C300	Acetonitrile	2.98	41	484	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.20	96	479	N.D.		
19) C255	Methyl Acetate	2.88	43	493	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	36290	6.82	ug/L #	89
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	8119	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.14	43	1837	N.D.		
34) C256	Cyclohexane	4.42	56	2080	N.D.		
35) C150	Trichloroethene	5.19	95	2917	0.56	ug/L	86
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0727.D Vial: 7
Acq On : 9 Jul 2010 12:42 Operator: LH
Sample : RTG0721-02 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:11:40 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	315	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	5542	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	2099	N.D.		
49) C220	Tetrachloroethene	6.56	166	225	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.76	43	382	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	1391	N.D.		
57) C246	m,p-Xylene	7.42	106	1713	N.D.		
58) C247	o-Xylene	7.73	106	964	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.80	105	169	N.D.		
74) C308	sec-Butylbenzene	8.80	105	169	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

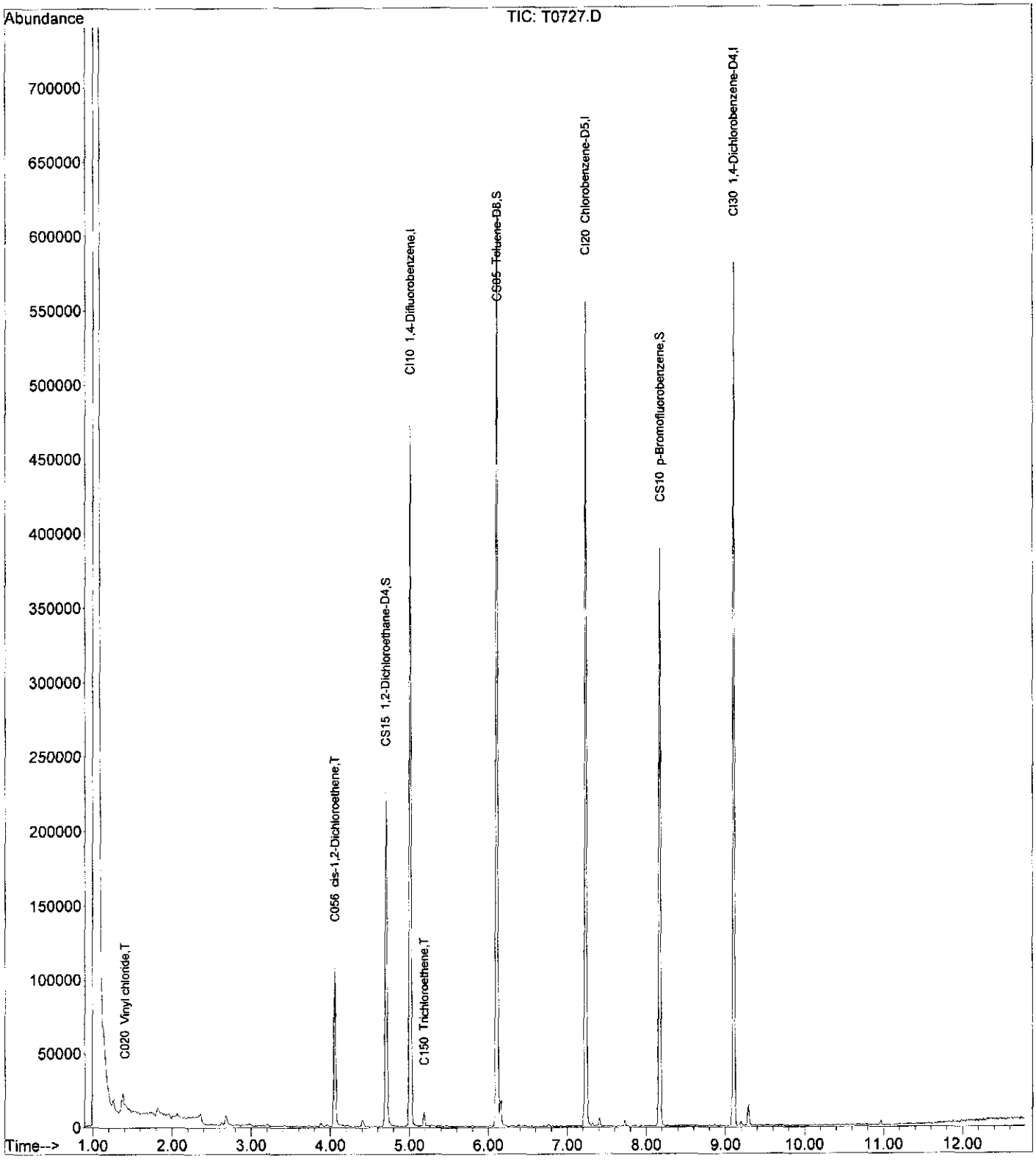
(#) = qualifier out of range (m) = manual integration (+) = signals summed

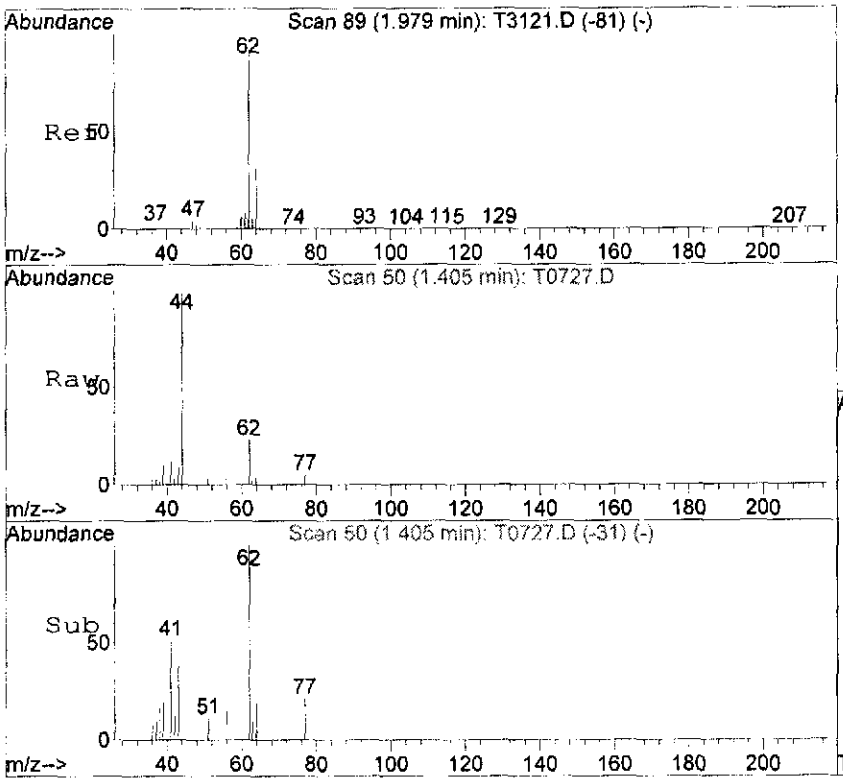
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0727.D
Acq On : 9 Jul 2010 12:42
Sample : RTG0721-02
Misc :
MS Integration Params: RTEINT.P

Vial: 7
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:11:40 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

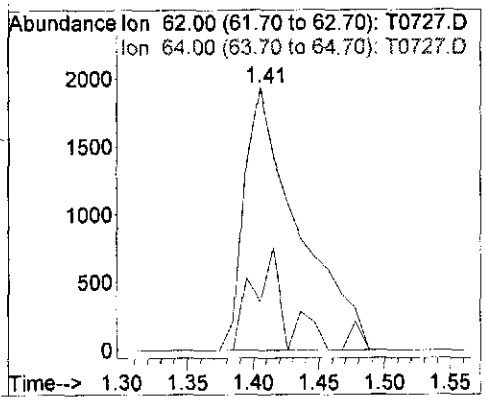


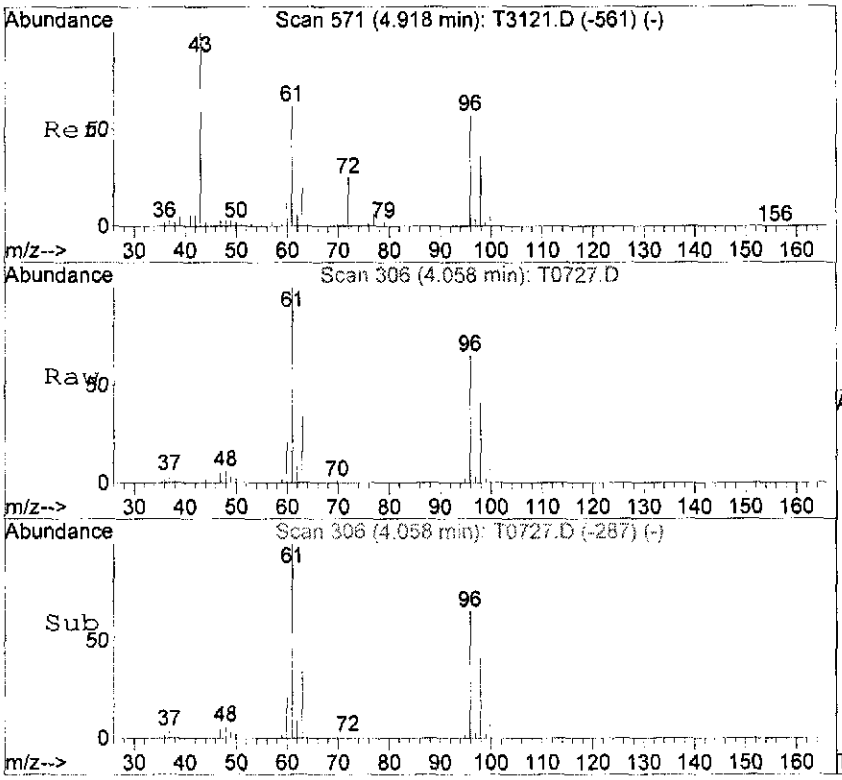


#4
C020 Vinyl chloride
Concen: 0.99 ug/L
RT: 1.41 min Scan# 50
Delta R.T. 0.00 min
Lab File: T0727.D
Acq: 9 Jul 2010 12:42

Tgt Ion: 62 Resp: 5505

Ion	Ratio	Lower	Upper
62	100		
64	18.6	11.8	51.8

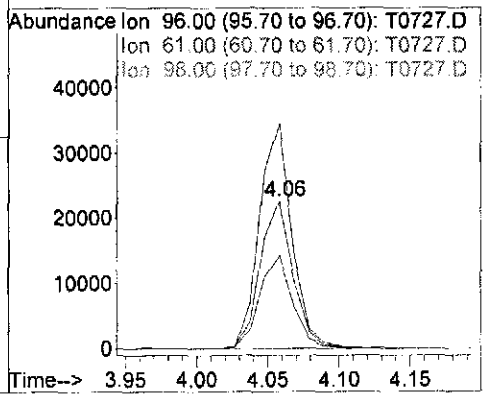


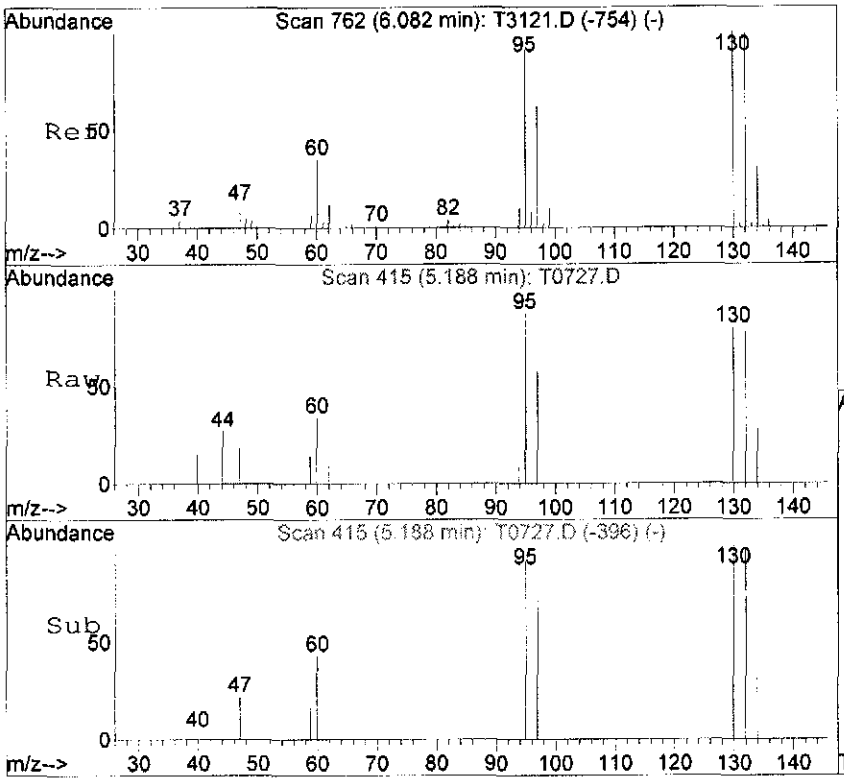


#23
C056 cis-1,2-Dichloroethene
Concen: 6.82 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0727.D
Acq: 9 Jul 2010 12:42

Tgt Ion: 96 Resp: 36290

Ion	Ratio	Lower	Upper
96	100		
61	152.8	152.8	192.8#
98	62.6	44.6	84.6

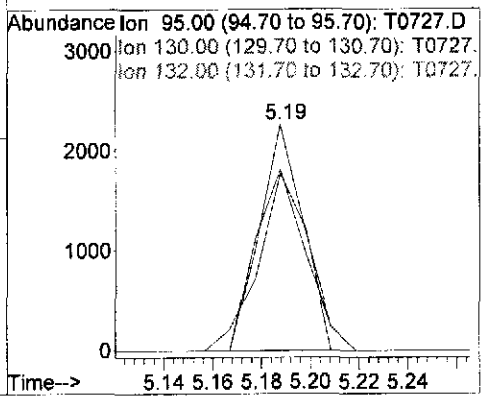




#35
C150 Trichloroethene
Concen: 0.56 ug/L
RT: 5.19 min Scan# 415
Delta R.T. 0.00 min
Lab File: T0727.D
Acq: 9 Jul 2010 12:42

Tgt Ion: 95 Resp: 2917

Ion	Ratio	Lower	Upper
95	100		
130	80.1	75.1	115.1
132	78.4	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-5 (30-32)

Laboratory:	TestAmerica Buffalo		SDG:		
Client:	ARCADIS U.S., Inc. - Albany, NY		Project:	Arcadis, Geraghty & Miller - NY9A8463	
Matrix:	Water	Laboratory ID:	RTG0721-03	File ID:	T0728.D
Sampled:	07/06/10 11:45	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 13:06
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	1.8	J
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.8	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-5 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-03	File ID:	T0728.D
Sampled:	07/06/10 11:45	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 13:06
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.0	84	66 - 137	
4-Bromofluorobenzene	25.0	20.8	83	73 - 120	
Toluene-d8	25.0	21.1	84	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	116220	9.1	137661	9.1	
1,4-Difluorobenzene	270805	5.01	308978	5.01	
Chlorobenzene-d5	227571	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0728.D Vial: 8
Acq On : 9 Jul 2010 13:06 Operator: LH
Sample : RTG0721-03 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:01 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SK 7/9/10 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	270805	25.00	ug/L	0.00 87.65%
42) CI20	Chlorobenzene-D5	7.23	117	227571	25.00	ug/L	0.00 85.62%
61) CI30	1,4-Dichlorobenzene-	9.10	152	116220	25.00	ug/L	0.00 84.42%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	121139	20.99	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	83.96%		
43) CS05	Toluene-D8	6.11	98	315750	21.11	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	84.44%		
60) CS10	p-Bromofluorobenzene	8.17	174	86262	20.80	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	83.20%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	1225	N.D.		
4) C020	Vinyl chloride	1.40	62	651	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.68	76	3623	N.D.		
11) C036	Acrolein	2.51	56	285	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	3090	N.D.		
14) C300	Acetonitrile	2.99	41	177	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.21	96	132	N.D.		
19) C255	Methyl Acetate	2.93	43	500	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	9365	1.81	ug/L #	82
24) C272	Tetrahydrofuran	4.40	42	137	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	3234	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.15	43	149	N.D.		
34) C256	Cyclohexane	4.40	56	1140	N.D.		
35) C150	Trichloroethene	5.19	95	1419	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0728.D Vial: 8
Acq On : 9 Jul 2010 13:06 Operator: LH
Sample : RTG0721-03 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:01 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.27	83	410	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	2469	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	2376	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	1428	N.D.		
57) C246	m,p-Xylene	7.41	106	1700	N.D.		
58) C247	o-Xylene	7.74	106	851	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.41	105	134	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	231	N.D.		
74) C308	sec-Butylbenzene	8.79	105	231	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

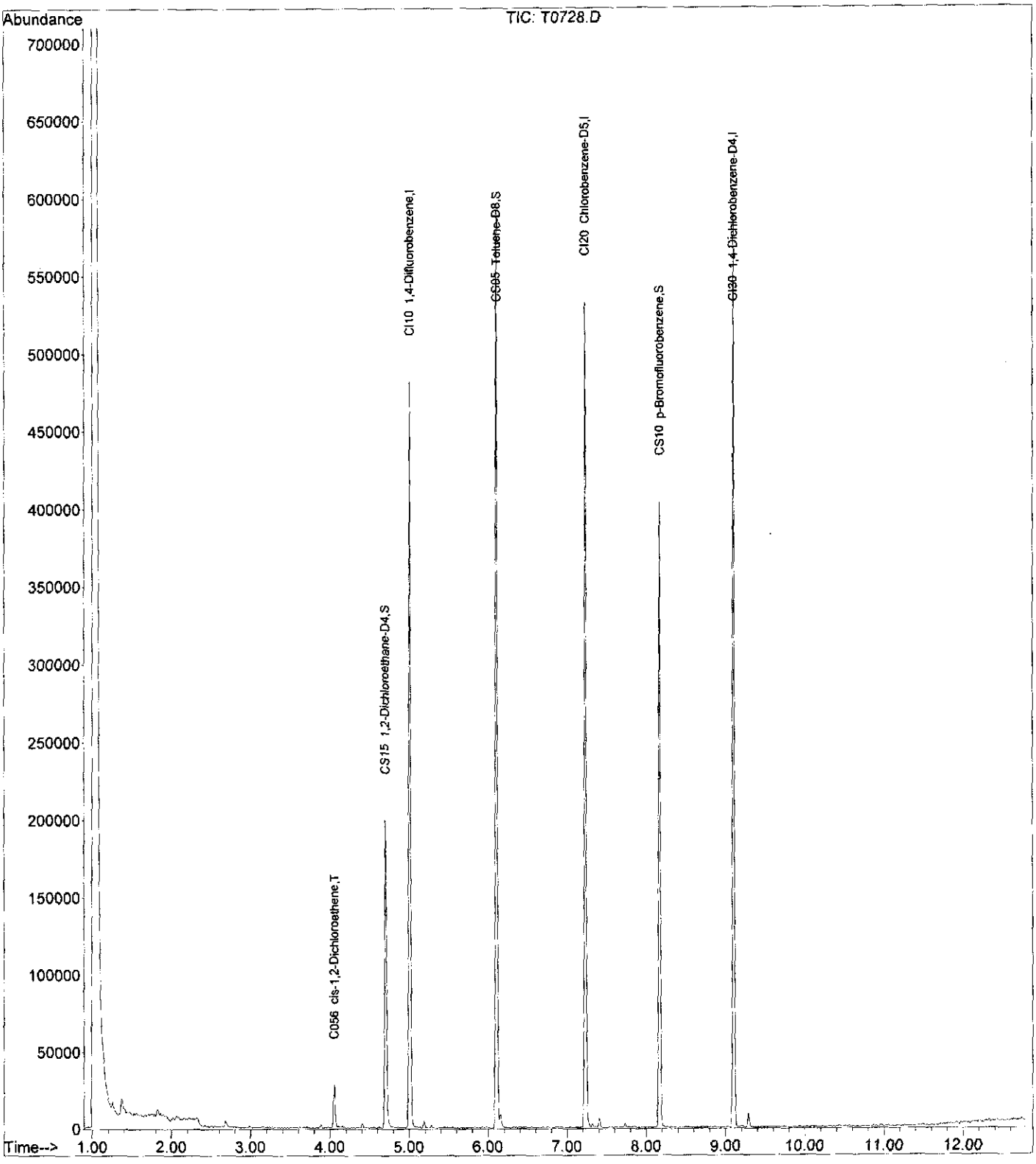
(#) = qualifier out of range (m) = manual integration (+) = signals summed

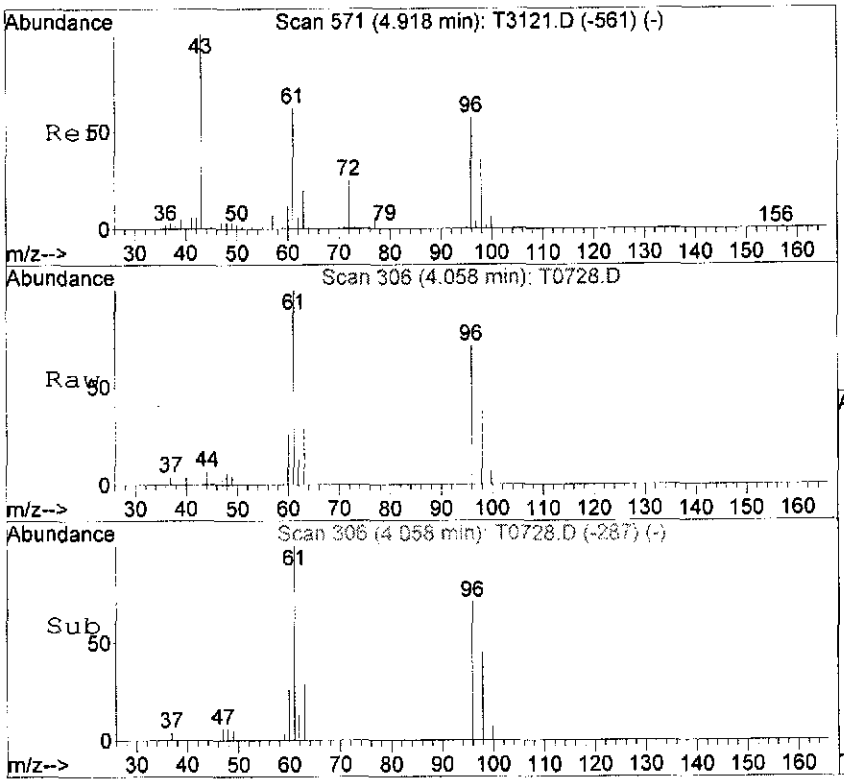
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0728.D
Acq On : 9 Jul 2010 13:06
Sample : RTG0721-03
Misc :
MS Integration Params: RTEINT.P

Vial: 8
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:12:01 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

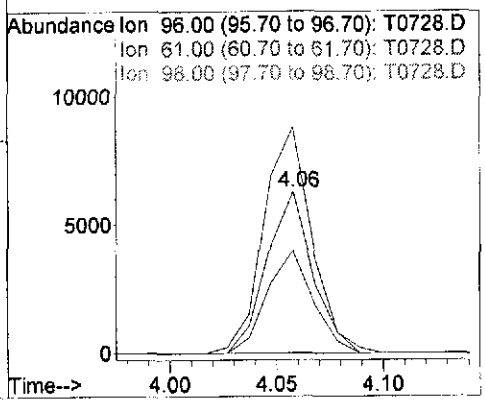




#23
C056 cis-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0728.D
Acq: 9 Jul 2010 13:06

Tgt Ion: 96 Resp: 9365

Ion	Ratio	Lower	Upper
96	100		
61	140.0	152.8	192.8#
98	63.2	44.6	84.6



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-4 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-04 File ID: T0729.D

Sampled: 07/06/10 09:35 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 13:30

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	3.4	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-4 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-04	File ID:	T0729.D
Sampled:	07/06/10 09:35	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 13:30
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.8	87	66 - 137	
4-Bromofluorobenzene	25.0	20.3	81	73 - 120	
Toluene-d8	25.0	21.6	86	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	114854	9.1	137661	9.1	
1,4-Difluorobenzene	275501	5.01	308978	5.01	
Chlorobenzene-d5	233979	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0729.D Vial: 9
Acq On : 9 Jul 2010 13:30 Operator: LH
Sample : RTG0721-04 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:17 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

STE 7/9/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	275501	25.00	ug/L	0.00 89.17%
42) CI20	Chlorobenzene-D5	7.23	117	233979	25.00	ug/L	0.00 88.04%
61) CI30	1,4-Dichlorobenzene-	9.10	152	114854	25.00	ug/L	0.00 83.43%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	128209	21.83	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.32%		
43) CS05	Toluene-D8	6.11	98	332420	21.61	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	86.44%		
60) CS10	p-Bromofluorobenzene	8.17	174	86595	20.31	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	81.24%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	754	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.74	94	201	N.D.		
6) C025	Chloroethane	1.81	64	126	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	2299	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.67	43	9167	3.35	ug/L #	87
14) C300	Acetonitrile	2.92	41	139	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.95	43	795	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	1398	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.15	43	1444	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	0.00	95	0	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0729.D Vial: 9
Acq On : 9 Jul 2010 13:30 Operator: LH
Sample : RTG0721-04 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:17 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	1014	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	2097	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.77	43	320	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	532	N.D.		
57) C246	m,p-Xylene	7.41	106	555	N.D.		
58) C247	o-Xylene	7.73	106	181	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.42	105	149	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	466	N.D.		
74) C308	sec-Butylbenzene	8.79	105	466	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.97	128	291	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

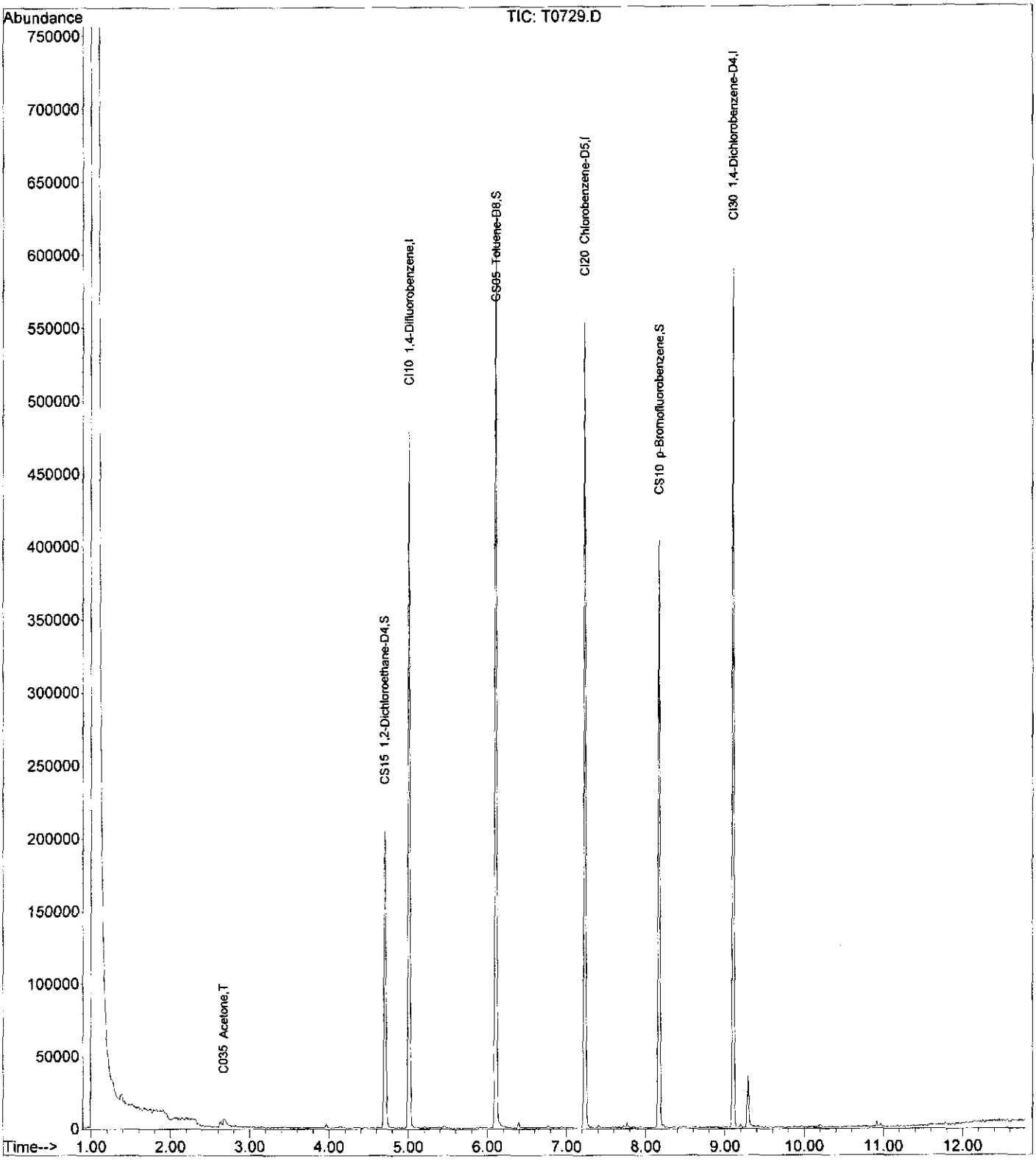
(#) = qualifier out of range (m) = manual integration (+) = signals summed

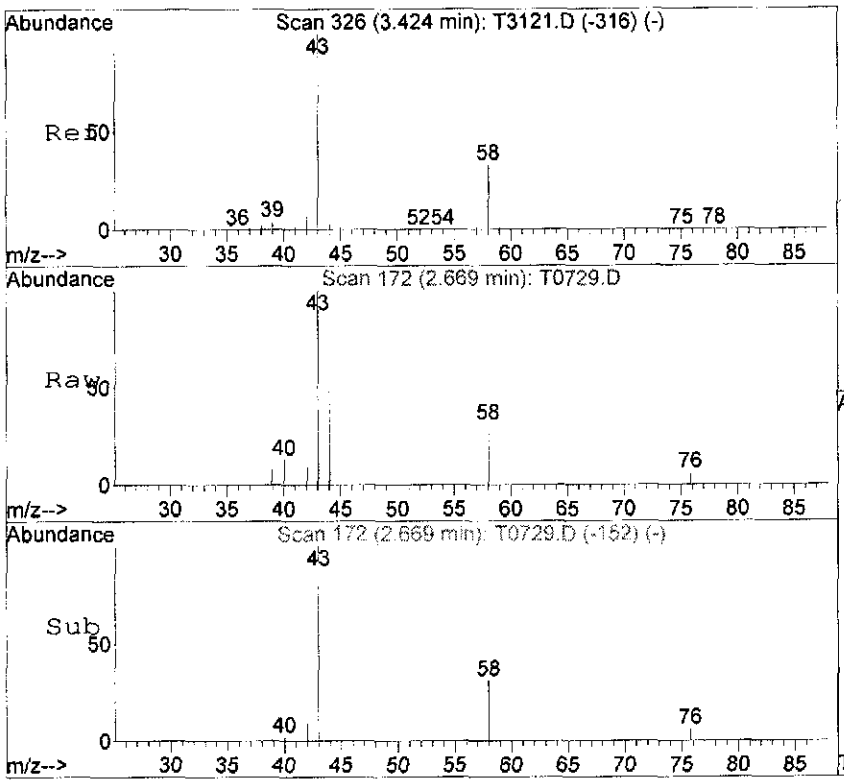
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0729.D
Acq On : 9 Jul 2010 13:30
Sample : RTG0721-04
Misc :
MS Integration Params: RTEINT.P

Vial: 9
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:12:17 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

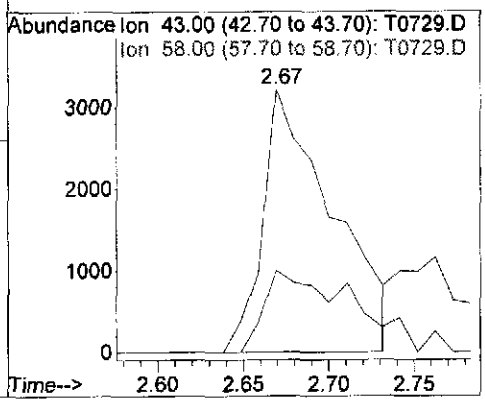




#13
C035 Acetone
Concen: 3.35 ug/L
RT: 2.67 min Scan# 172
Delta R.T. 0.01 min
Lab File: T0729.D
Acq: 9 Jul 2010 13:30

Tgt Ion: 43 Resp: 9167

Ion	Ratio	Lower	Upper
43	100		
58	31.1	19.7	29.5#



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-4 (24-26)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-05 File ID: T0730.D

Sampled: 07/06/10 09:40 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 13:53

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	5.9	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-4 (24-26)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-05	File ID:	T0730.D
Sampled:	07/06/10 09:40	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 13:53
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094	Instrument:	HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.2	89	66 - 137	
4-Bromofluorobenzene	25.0	21.2	85	73 - 120	
Toluene-d8	25.0	21.9	88	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	112932	9.1	137661	9.1	
1,4-Difluorobenzene	273529	5.01	308978	5.01	
Chlorobenzene-d5	229247	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0730.D
Acq On : 9 Jul 2010 13:53
Sample : RTG0721-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:36 2010

Vial: 10
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SKE 7/9/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	273529	25.00	ug/L	0.00 88.53%
42) CI20	Chlorobenzene-D5	7.23	117	229247	25.00	ug/L	0.00 86.26%
61) CI30	1,4-Dichlorobenzene-	9.10	152	112932	25.00	ug/L	0.00 82.04%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	129740	22.25	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	89.00%		
43) CS05	Toluene-D8	6.11	98	330519	21.93	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	87.72%		
60) CS10	p-Bromofluorobenzene	8.17	174	88355	21.15	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	84.60%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	514	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.70	94	127	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	4205	N.D.		
11) C036	Acrolein	2.50	56	132	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	16060	5.92	ug/L #	73
14) C300	Acetonitrile	2.97	41	454	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.91	43	784	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.61	43	178	N.D.		
22) C051	2,2-Dichloropropan	4.10	77	129	N.D.		
23) C056	cis-1,2-Dichloroet	4.06	96	428	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	810	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.13	43	3469	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	659	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/9/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0730.D Vial: 10
Acq On : 9 Jul 2010 13:53 Operator: LH
Sample : RTG0721-05 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:12:36 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	216	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1896	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.23	91	464	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

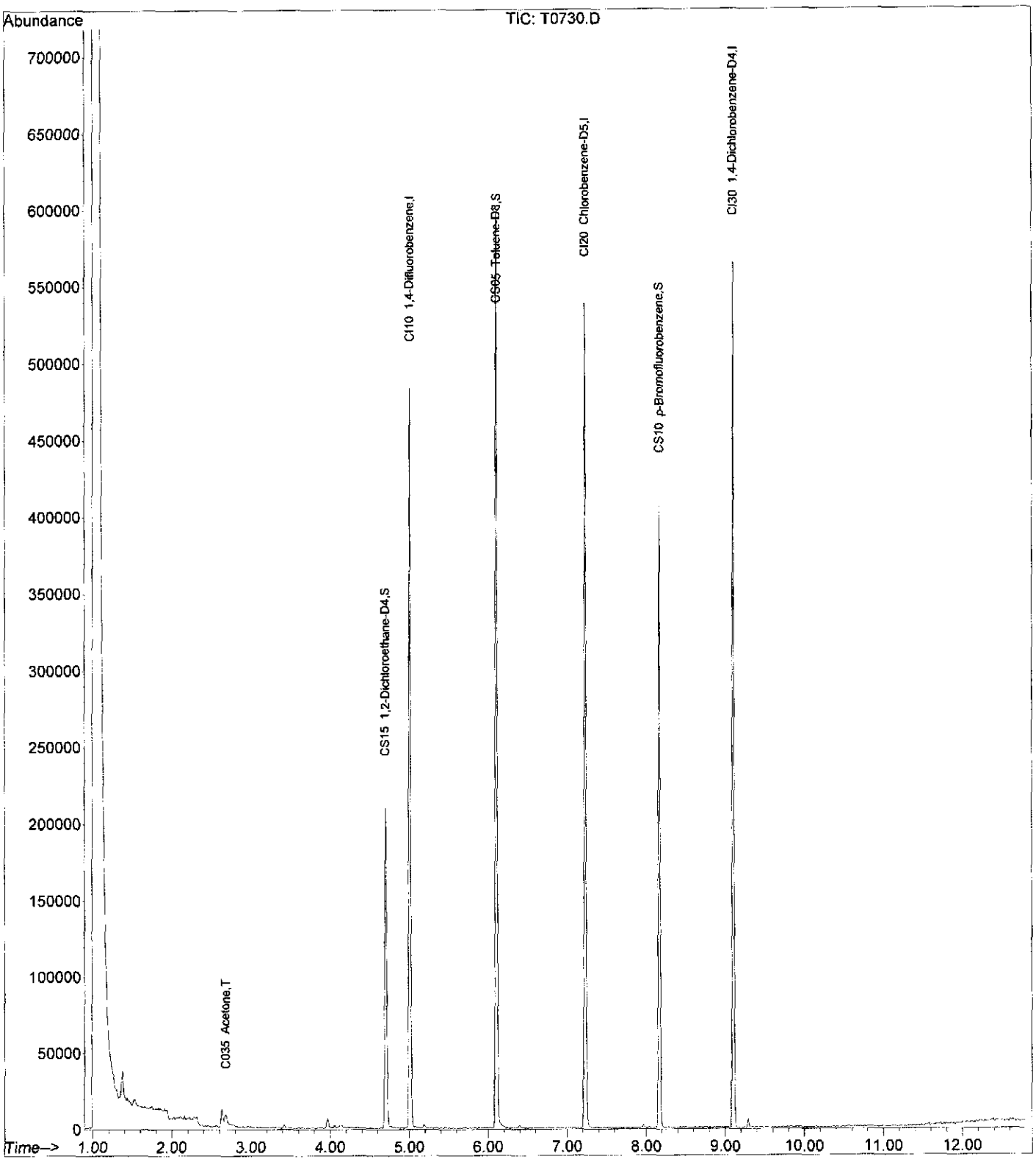
(#) = qualifier out of range (m) = manual integration (+) = signals summed

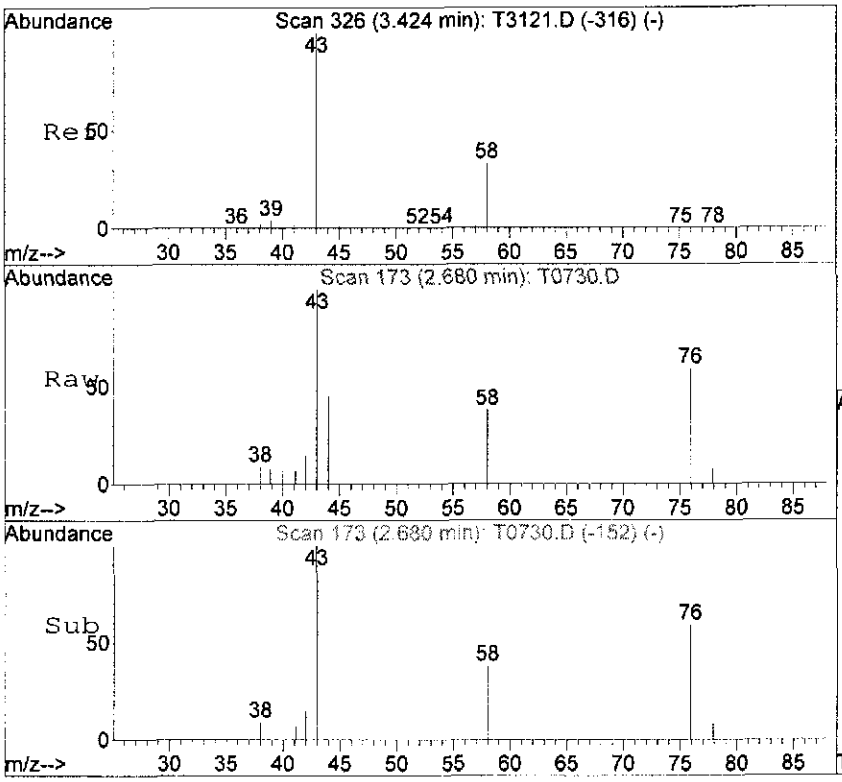
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0730.D
Acq On : 9 Jul 2010 13:53
Sample : RTG0721-05
Misc :
MS Integration Params: RTEINT.P

Vial: 10
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:12:36 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

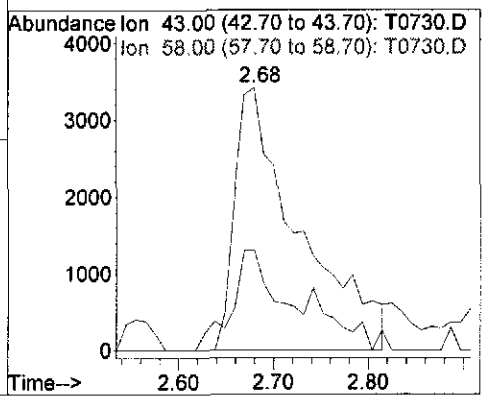




#13
C035 Acetone
Concen: 5.92 ug/L
RT: 2.68 min Scan# 173
Delta R.T. 0.02 min
Lab File: T0730.D
Acq: 9 Jul 2010 13:53

Tgt Ion: 43 Resp: 16060

Ion	Ratio	Lower	Upper
43	100		
58	38.1	19.7	29.5#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-6 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-06 File ID: T0731.D

Sampled: 07/06/10 14:10 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 14:17

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	3.3	
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	21	
75-34-3	1,1-Dichloroethane	1	2.0	
75-35-4	1,1-Dichloroethene	1	1.1	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	140	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	140	E
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-6 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-06 File ID: T0731.D

Sampled: 07/06/10 14:10 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 14:17

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.3	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	47	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	5.6	
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.8	91	66 - 137	
4-Bromofluorobenzene	25.0	20.9	83	73 - 120	
Toluene-d8	25.0	21.3	85	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	118702	9.1	137661	9.1	
1,4-Difluorobenzene	271454	5.01	308978	5.01	
Chlorobenzene-d5	230260	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0731.D
Acq On : 9 Jul 2010 14:17
Sample : RTG0721-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:06 2010

RE1e 2X

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

5 x Micro 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	271454	25.00	ug/L	0.00 87.86%
42) CI20	Chlorobenzene-D5	7.23	117	230260	25.00	ug/L	0.00 86.64%
61) CI30	1,4-Dichlorobenzene-	9.10	152	118702	25.00	ug/L	0.00 86.23%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	131804	22.78	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	91.12%		
43) CS05	Toluene-D8	6.11	98	322534	21.31	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	85.24%		
60) CS10	p-Bromofluorobenzene	8.17	174	87595	20.87	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	83.48%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	1037	N.D.		
4) C020	Vinyl chloride	1.41	62	30720	5.64	ug/L	94
5) C015	Bromomethane	1.71	94	152	N.D.		
6) C025	Chloroethane	1.77	64	138	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.51	96	4596	1.13	ug/L #	83
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	1048	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	2380	N.D.		
14) C300	Acetonitrile	2.97	41	571	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.49	101	58649	20.91	ug/L	94
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.21	96	6426	1.32	ug/L #	85
19) C255	Methyl Acetate	2.94	43	142	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	18529	1.95	ug/L	96
21) C125	Vinyl Acetate	3.60	43	412	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	731714	140.82	ug/L #	87
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.32	83	184	N.D.		
27) C115	1,1,1-Trichloroethan	4.41	97	22640	3.28	ug/L	98
28) C120	Carbon tetrachlori	4.41	117	2803	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	9775	N.D.		
32) C065	1,2-Dichloroethane	4.76	62	127	N.D.		
33) C110	2-Butanone	4.15	43	134	N.D.		
34) C256	Cyclohexane	4.41	56	151	N.D.		
35) C150	Trichloroethene	5.19	95	239714	46.98	ug/L	98
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

Ann 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0731.D Vial: 11
Acq On : 9 Jul 2010 14:17 Operator: LH
Sample : RTG0721-06 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:06 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	2871	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.15	92	872	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	6.51	83	382	N.D.	
48) C210	4-Methyl-2-pentano	6.10	43	1811	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.64	43	142	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.32	91	353	N.D.	
57) C246	m,p-Xylene	7.42	106	285	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	0.00	91	0	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.42	105	276	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
74) C308	sec-Butylbenzene	0.00	105	0	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.97	128	167	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

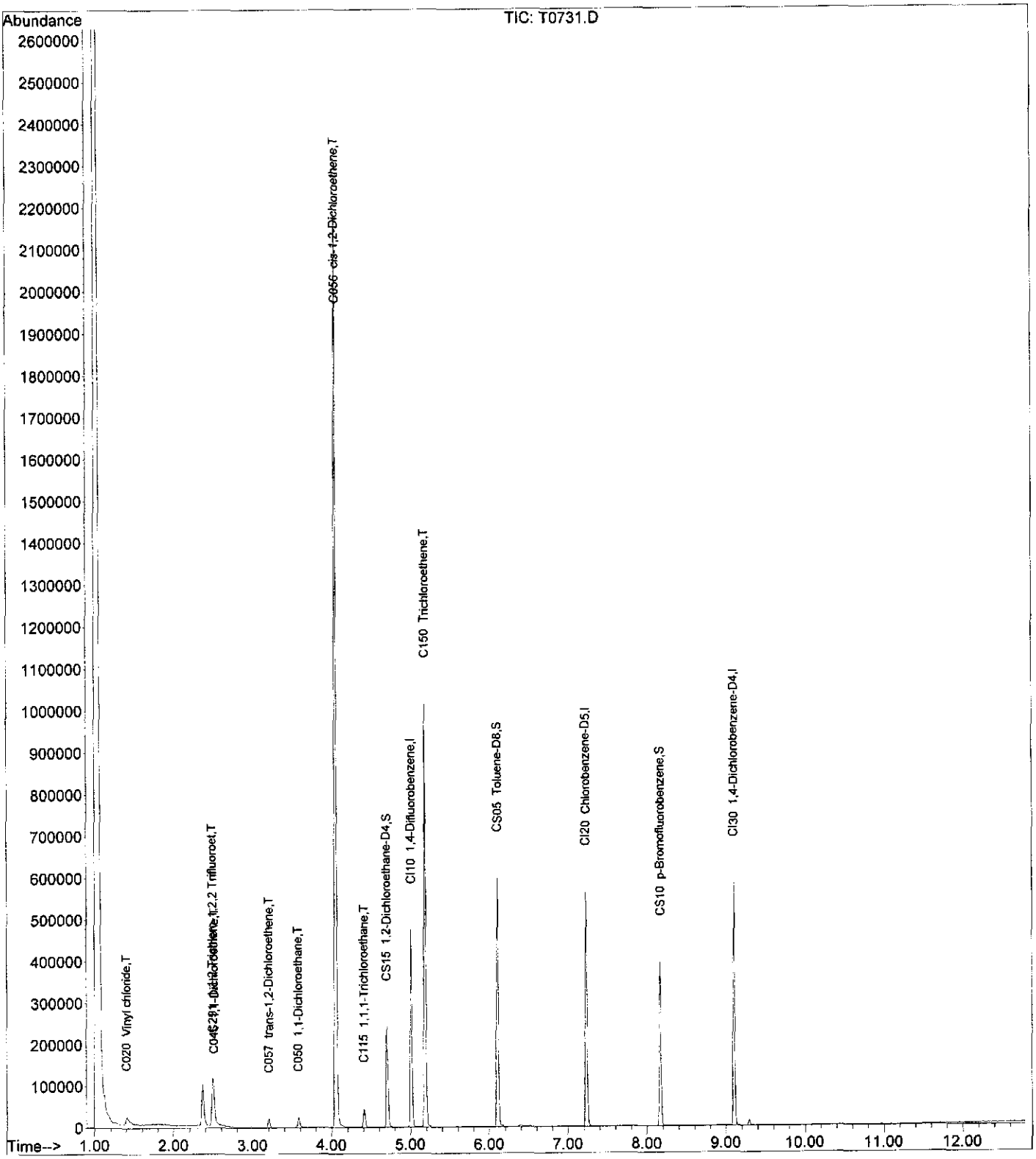
(#) = qualifier out of range (m) = manual integration (+) = signals summed

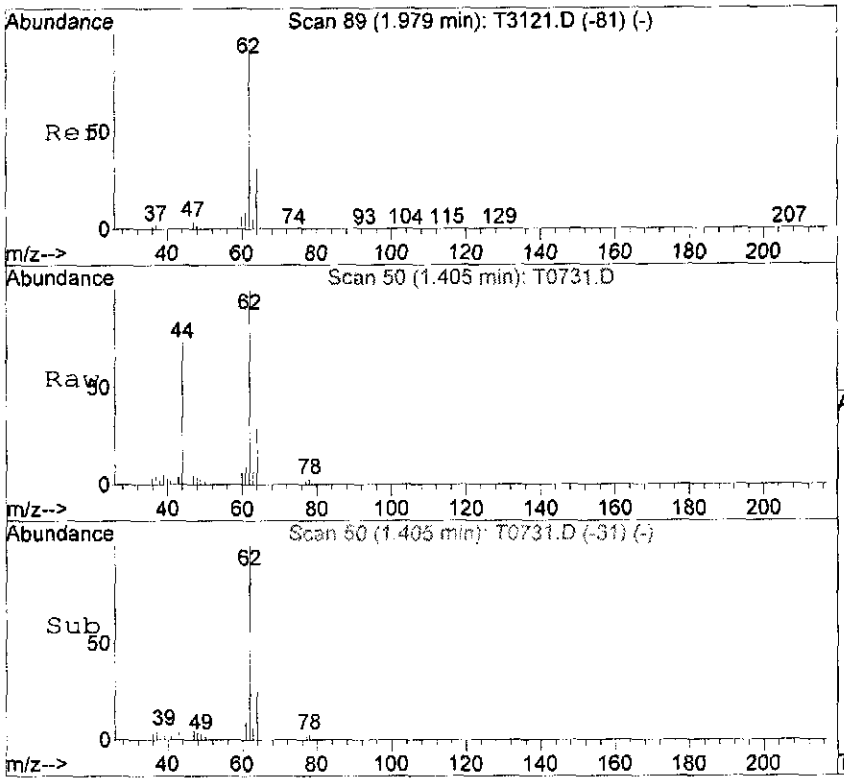
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0731.D
Acq On : 9 Jul 2010 14:17
Sample : RTG0721-06
Misc :
MS Integration Params: RTEINT.P

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:13:06 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

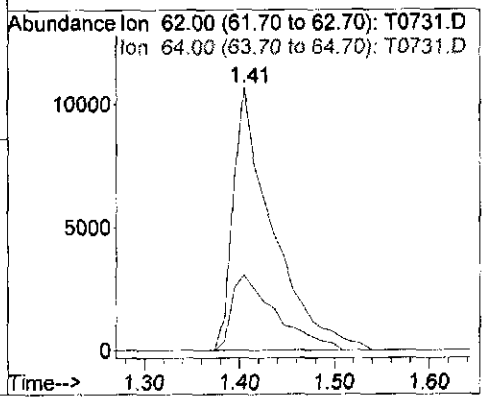


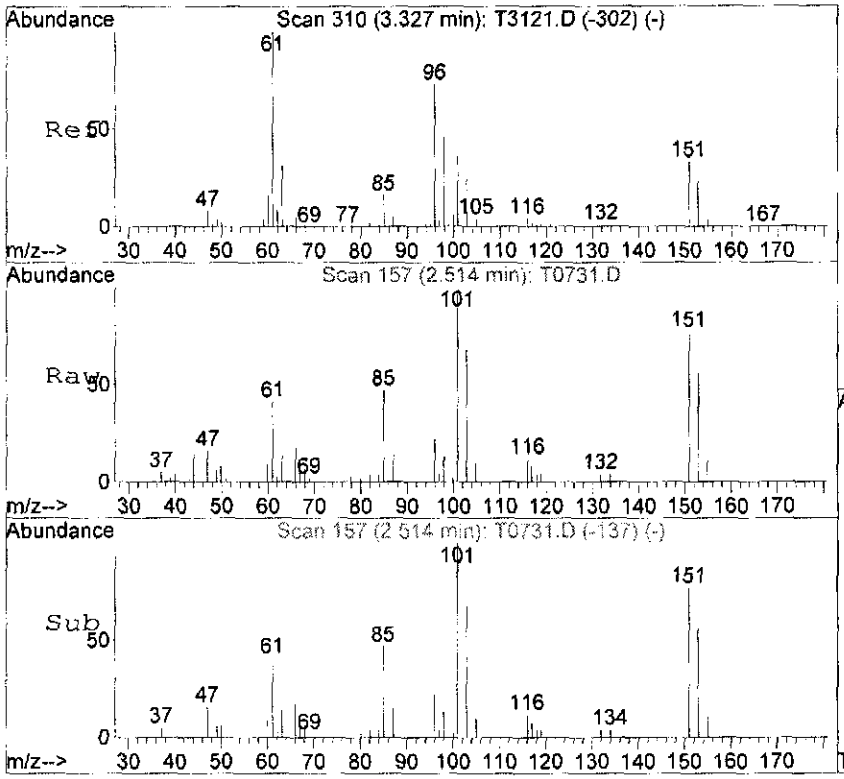


#4
C020 Vinyl chloride
Concen: 5.64 ug/L
RT: 1.41 min Scan# 50
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 62 Resp: 30720

Ion	Ratio	Lower	Upper
62	100		
64	28.6	11.8	51.8

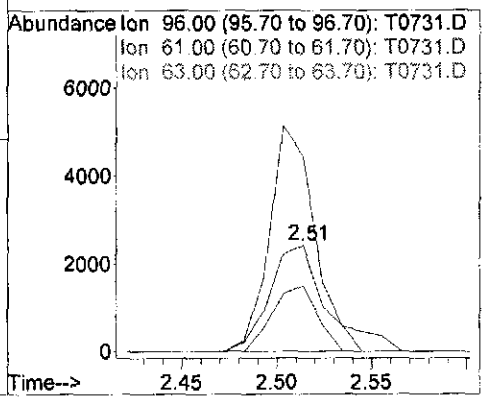


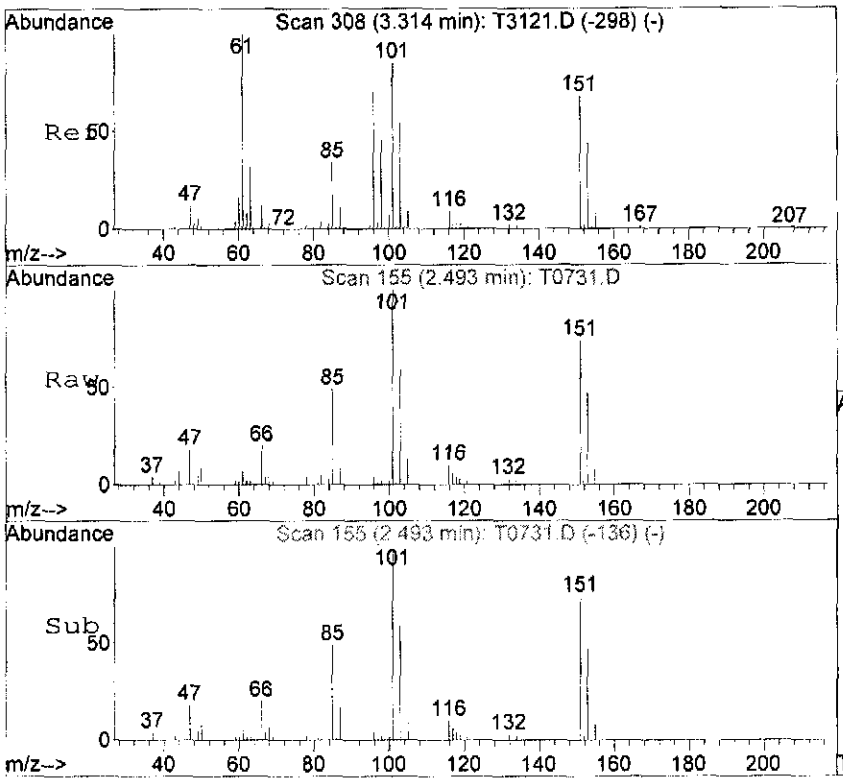


#8
C045 1,1-Dichloroethene
Concen: 1.13 ug/L
RT: 2.51 min Scan# 157
Delta R.T. 0.01 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 96 Resp: 4596

Ion	Ratio	Lower	Upper
96	100		
61	183.9	196.5	236.5#
63	61.8	45.8	85.8

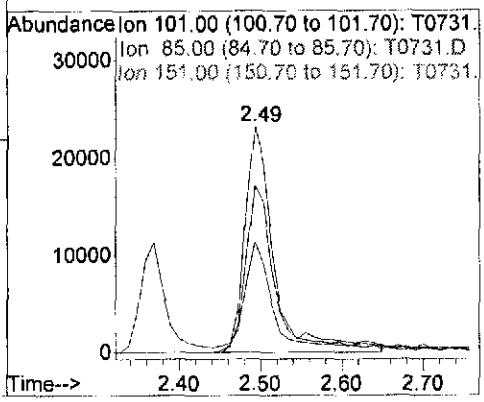


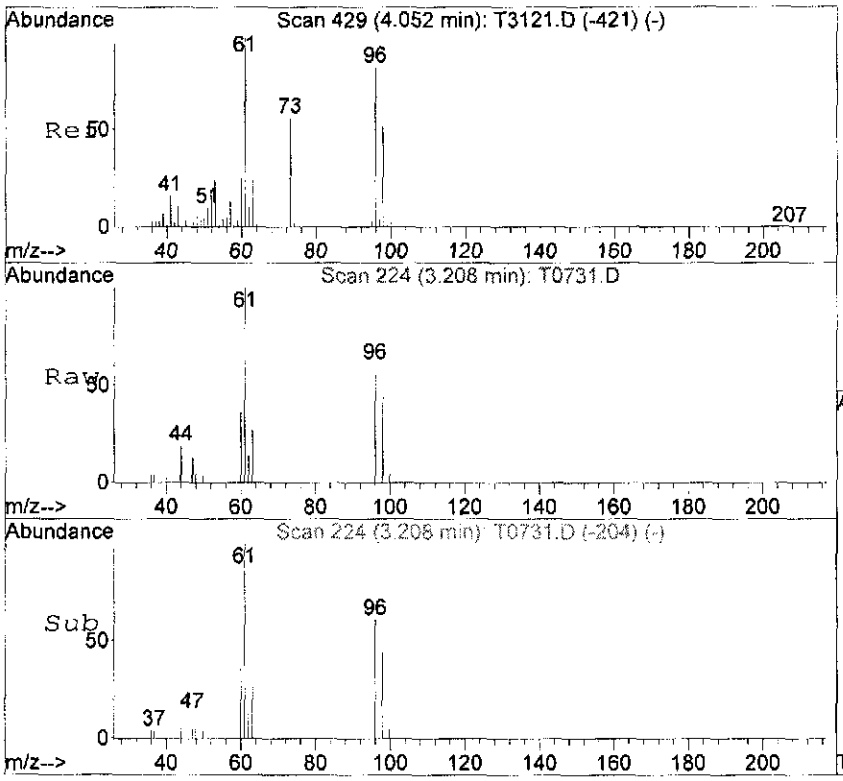


#16
C291 1,1,2 Trichloro-1,2,2 Tr:
Concen: 20.91 ug/L
RT: 2.49 min Scan# 155
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion:101 Resp: 58649

Ion	Ratio	Lower	Upper
101	100		
85	43.6	36.9	55.3
151	72.1	63.0	94.6

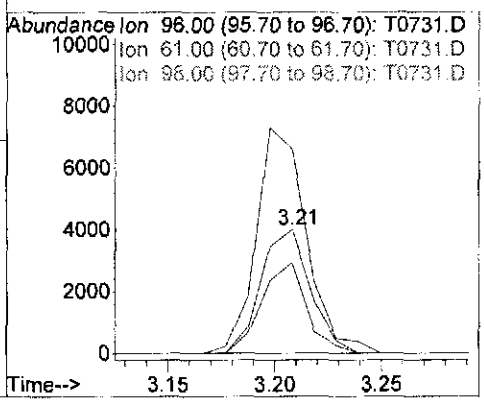


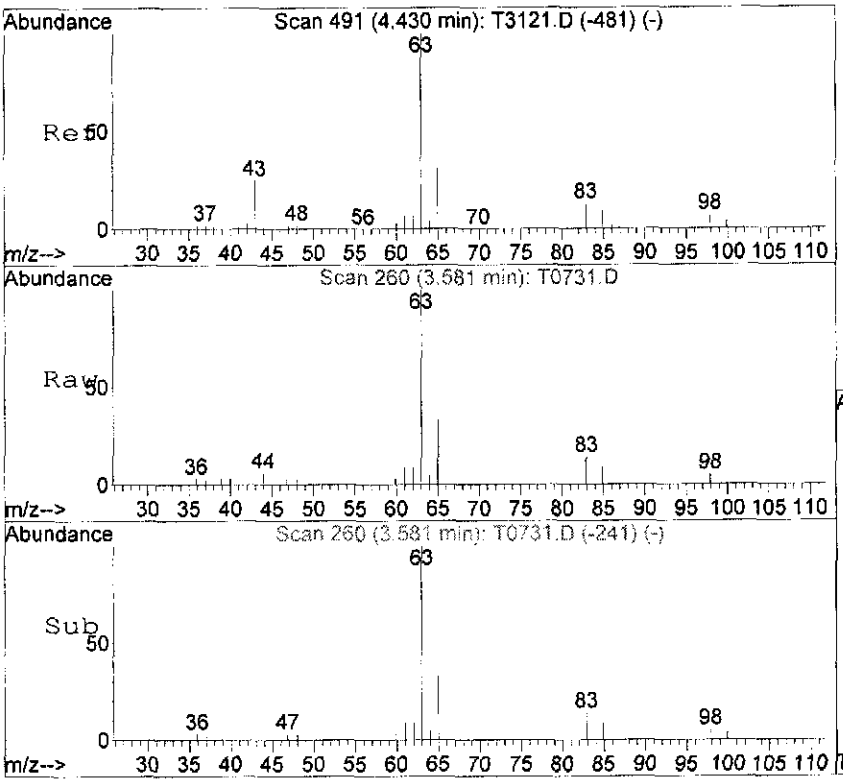


#18
C057 trans-1,2-Dichloroethene
Concen: 1.32 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 96 Resp: 6426

Ion	Ratio	Lower	Upper
96	100		
61	164.9	167.6	207.6#
98	73.2	44.0	84.0

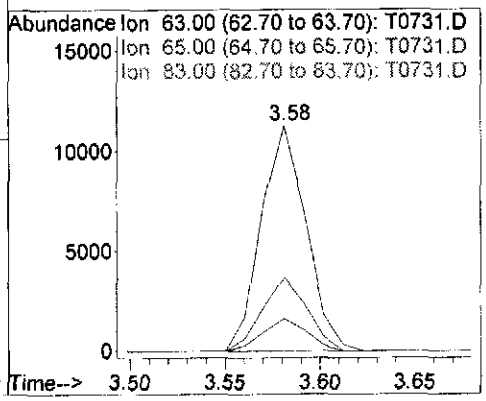


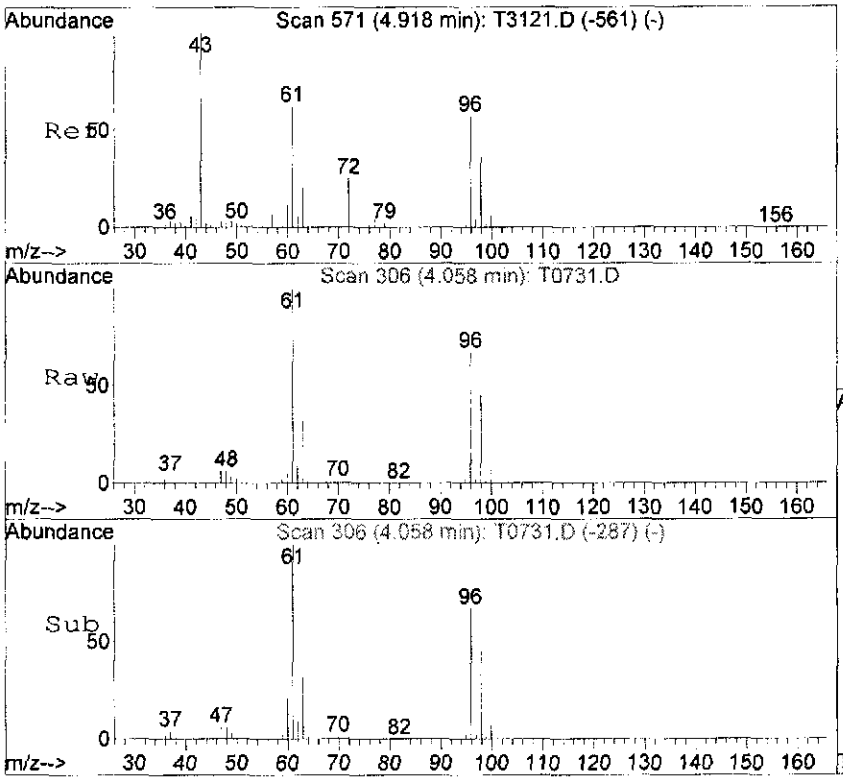


#20
C050 1,1-Dichloroethane
Concen: 1.95 ug/L
RT: 3.58 min Scan# 260
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 63 Resp: 18529

Ion	Ratio	Lower	Upper
63	100		
65	32.8	11.3	51.3
83	14.4	0.0	31.3

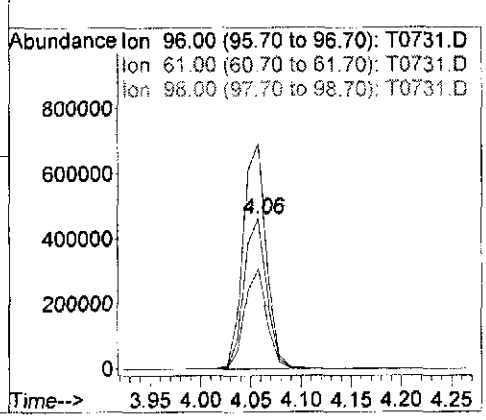


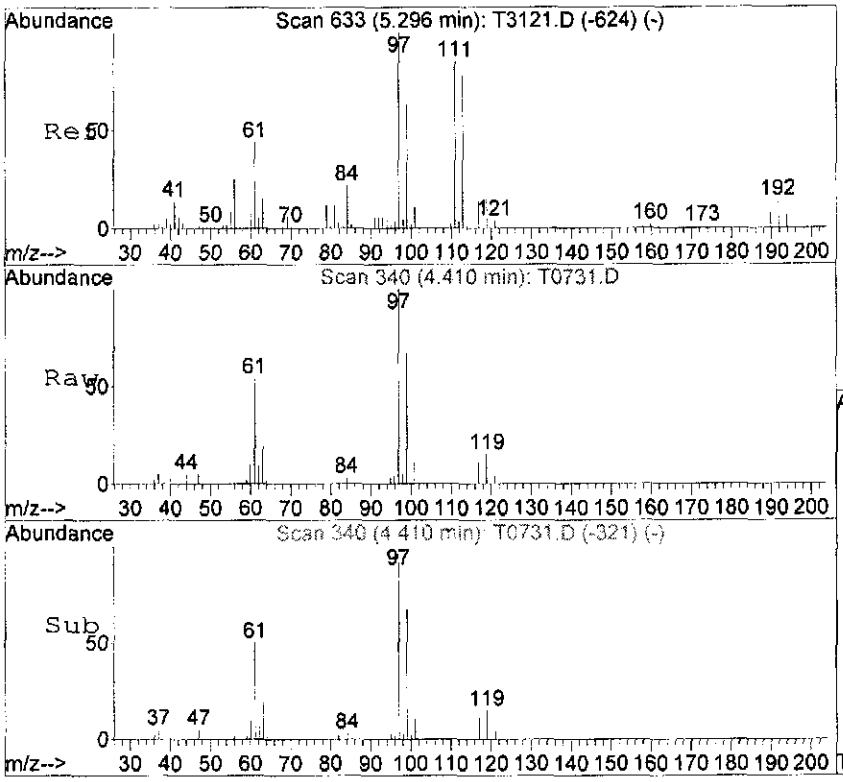


#23
C056 cis-1,2-Dichloroethene
Concen: 140.82 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 96 Resp: 731714

Ion	Ratio	Lower	Upper
96	100		
61	150.0	152.8	192.8#
98	66.8	44.6	84.6

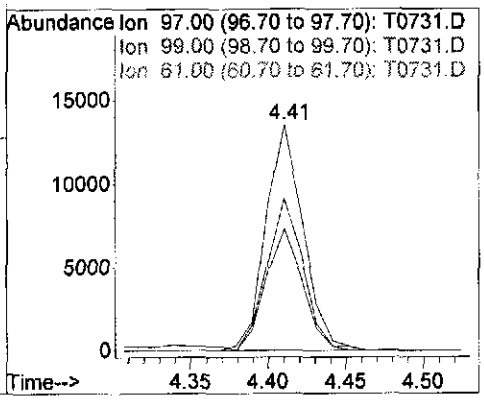


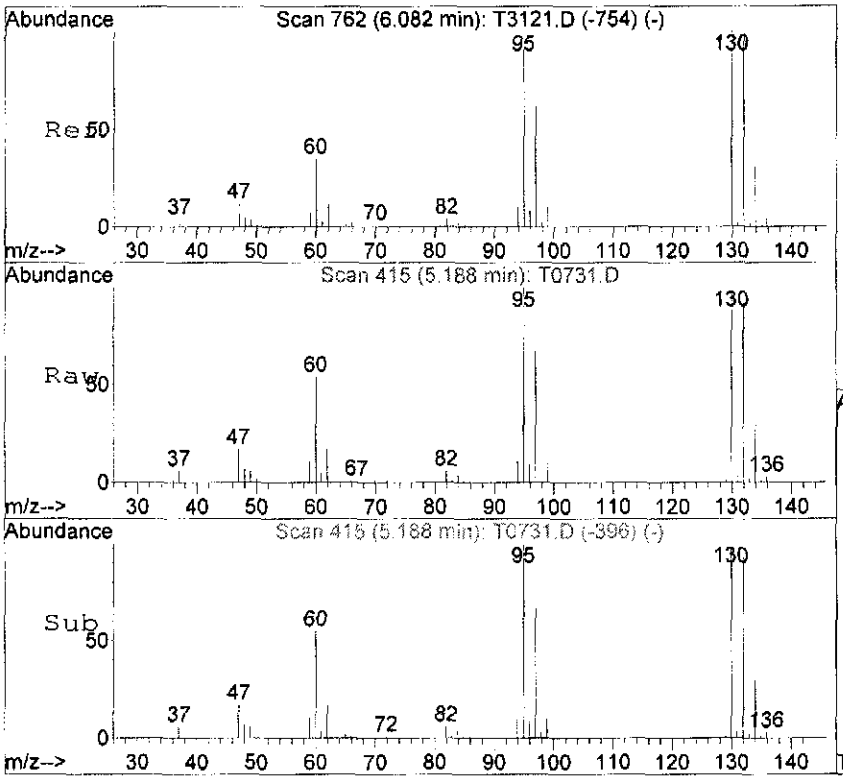


#27
C115 1,1,1-Trichloroethane
Concen: 3.28 ug/L
RT: 4.41 min Scan# 340
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 97 Resp: 22640

Ion	Ratio	Lower	Upper
97	100		
99	67.4	45.0	85.0
61	53.9	34.7	74.7

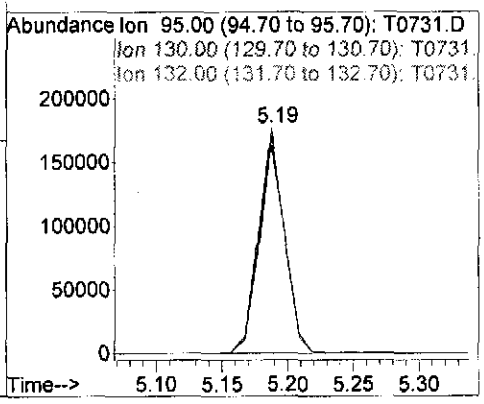




#35
C150 Trichloroethene
Concen: 46.98 ug/L
RT: 5.19 min Scan# 415
Delta R.T. 0.00 min
Lab File: T0731.D
Acq: 9 Jul 2010 14:17

Tgt Ion: 95 Resp: 239714

Ion	Ratio	Lower	Upper
95	100		
130	96.6	75.1	115.1
132	92.4	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-6 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-06RE1	File ID:	T0771.D
Sampled:	07/06/10 14:10	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 17:30
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	2	3.4	D
79-34-5	1,1,2,2-Tetrachloroethane	2	2.0	UD
79-00-5	1,1,2-Trichloroethane	2	2.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	2	19	D
75-34-3	1,1-Dichloroethane	2	2.0	D
75-35-4	1,1-Dichloroethene	2	1.0	JD
120-82-1	1,2,4-Trichlorobenzene	2	2.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	2	2.0	UD
106-93-4	1,2-Dibromoethane (EDB)	2	2.0	UD
95-50-1	1,2-Dichlorobenzene	2	2.0	UD
107-06-2	1,2-Dichloroethane	2	2.0	UD
540-59-0	1,2-Dichloroethene, Total	2	140	D
78-87-5	1,2-Dichloropropane	2	2.0	UD
541-73-1	1,3-Dichlorobenzene	2	2.0	UD
106-46-7	1,4-Dichlorobenzene	2	2.0	UD
78-93-3	2-Butanone (MEK)	2	20	UD
591-78-6	2-Hexanone	2	10	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	2	10	UD
67-64-1	Acetone	2	20	UD
71-43-2	Benzene	2	2.0	UD
75-27-4	Bromodichloromethane	2	2.0	UD
75-25-2	Bromoform	2	2.0	UD
74-83-9	Bromomethane	2	2.0	UD
75-15-0	Carbon disulfide	2	2.0	UD
56-23-5	Carbon Tetrachloride	2	2.0	UD
108-90-7	Chlorobenzene	2	2.0	UD
124-48-1	Chlorodibromomethane	2	2.0	UD
75-00-3	Chloroethane	2	2.0	UD
67-66-3	Chloroform	2	2.0	UD
74-87-3	Chloromethane	2	2.0	UD
156-59-2	cis-1,2-Dichloroethene	2	140	D
10061-01-5	cis-1,3-Dichloropropene	2	2.0	UD
110-82-7	Cyclohexane	2	2.0	UD
75-71-8	Dichlorodifluoromethane	2	2.0	UD
100-41-4	Ethylbenzene	2	2.0	UD
98-82-8	Isopropylbenzene	2	2.0	UD
79-20-9	Methyl Acetate	2	2.0	UD
1634-04-4	Methyl tert-Butyl Ether	2	2.0	UD
108-87-2	Methylcyclohexane	2	2.0	UD

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-6 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-06RE1	File ID:	T0771.D
Sampled:	07/06/10 14:10	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 17:30
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	2	2.0	UD
100-42-5	Styrene	2	2.0	UD
127-18-4	Tetrachloroethene	2	2.0	UD
108-88-3	Toluene	2	2.0	UD
156-60-5	trans-1,2-Dichloroethene	2	2.0	UD
10061-02-6	trans-1,3-Dichloropropene	2	2.0	UD
79-01-6	Trichloroethene	2	46	D
75-69-4	Trichlorofluoromethane	2	2.0	UD
75-01-4	Vinyl chloride	2	5.8	D
1330-20-7	Xylenes, total	2	4.0	UD

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.5	90	66 - 137	D
4-Bromofluorobenzene	25.0	21.4	86	73 - 120	D
Toluene-d8	25.0	22.1	88	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	105031	9.1	147631	9.1	
1,4-Difluorobenzene	250370	5.01	330596	5.01	
Chlorobenzene-d5	209298	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0771.D Vial: 19
Acq On : 10 Jul 2010 17:30 Operator: NMD
Sample : RTG0721-06RE1@2X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:41:37 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

SKE 7/13/10 HL

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	250370	25.00	ug/L	0.00 75.73%
42) CI20	Chlorobenzene-D5	7.23	117	209298	25.00	ug/L	0.00 73.98%
61) CI30	1,4-Dichlorobenzene-	9.10	152	105031	25.00	ug/L	0.00 71.14%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	120248	22.53	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.12%		
43) CS05	Toluene-D8	6.11	98	304306	22.12	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	88.48%		
60) CS10	p-Bromofluorobenzene	8.17	174	81729	21.43	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	85.72%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	800	N.D.		
4) C020	Vinyl chloride	1.41	62	14677	2.92	ug/L /	90
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.51	96	1925	0.52	ug/L #/	78
9) C030	Methylene chloride	3.00	84	1042	N.D.		
10) C040	Carbon disulfide	2.69	76	194	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.67	43	3204	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.49	101	24134	9.33	ug/L /	99
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.21	96	3113	0.69	ug/L /	98
19) C255	Methyl Acetate	2.90	43	166	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	8667	0.99	ug/L /	96
21) C125	Vinyl Acetate	3.61	43	127	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	341463	71.25	ug/L #/	86
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.32	83	323	N.D.		
27) C115	1,1,1-Trichloroethan	4.41	97	10706	1.68	ug/L /	93
28) C120	Carbon tetrachlori	4.42	117	1266	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	4822	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.13	43	149	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	108491	23.06	ug/L /	99
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

AMM 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0771.D Vial: 19
Acq On : 10 Jul 2010 17:30 Operator: NMD
Sample : RTG0721-06RE1@2X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:41:37 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	1271	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	403	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	6.51	83	141	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1695	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.23	91	347	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

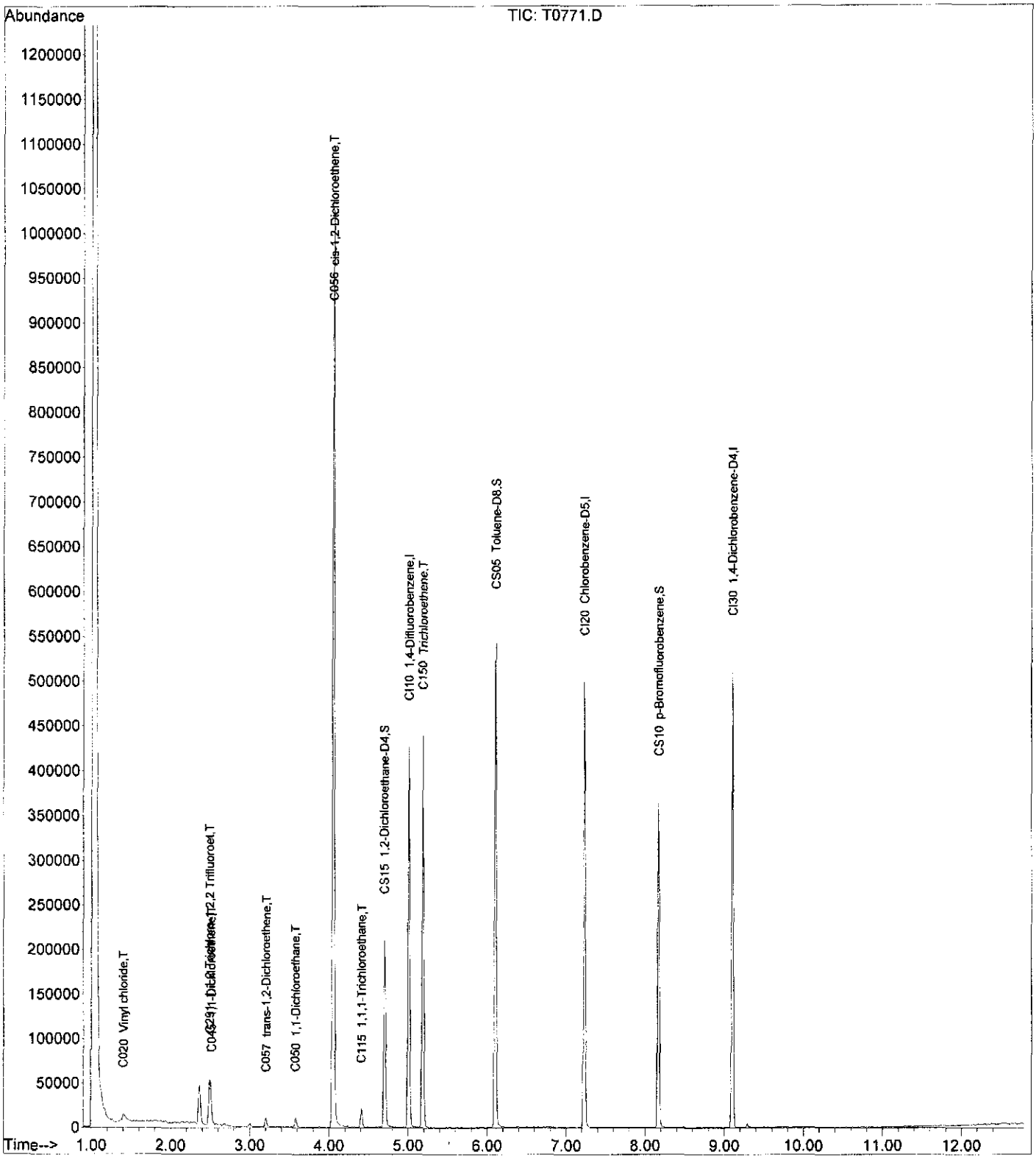
(#) = qualifier out of range (m) = manual integration (+) = signals summed

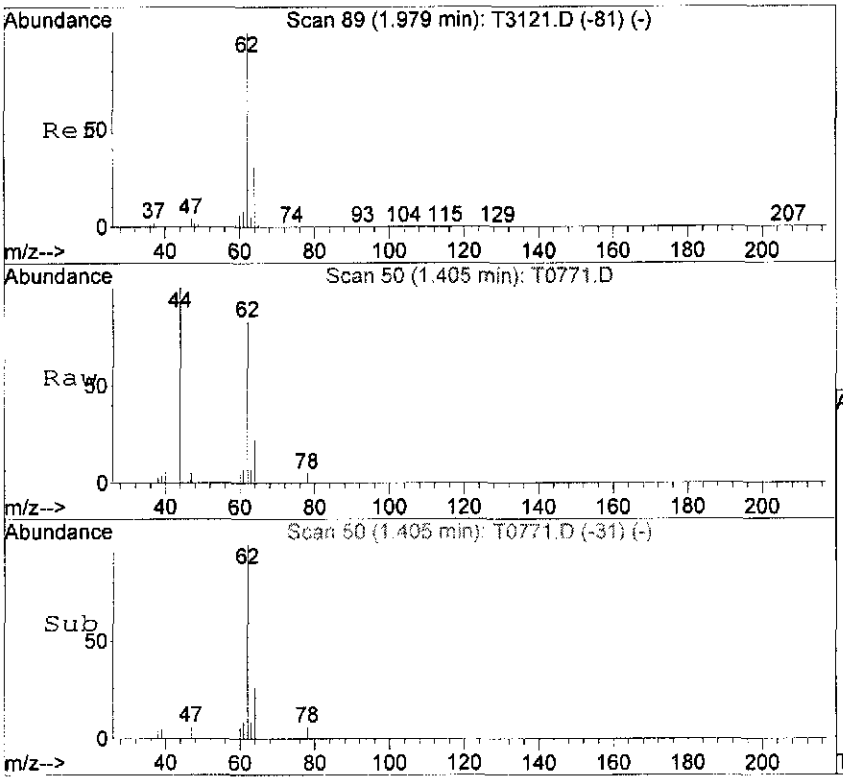
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0771.D
Acq On : 10 Jul 2010 17:30
Sample : RTG0721-06RE1@2X
Misc :
MS Integration Params: RTEINT.P

Vial: 19
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 13 08:41:37 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

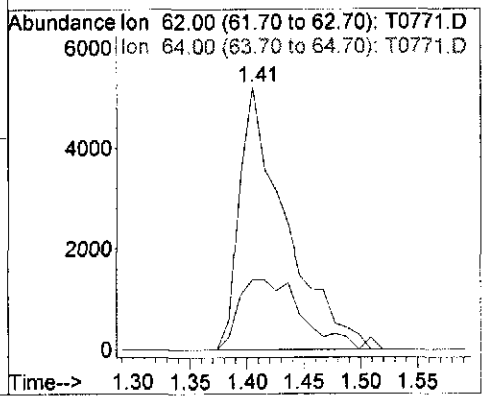


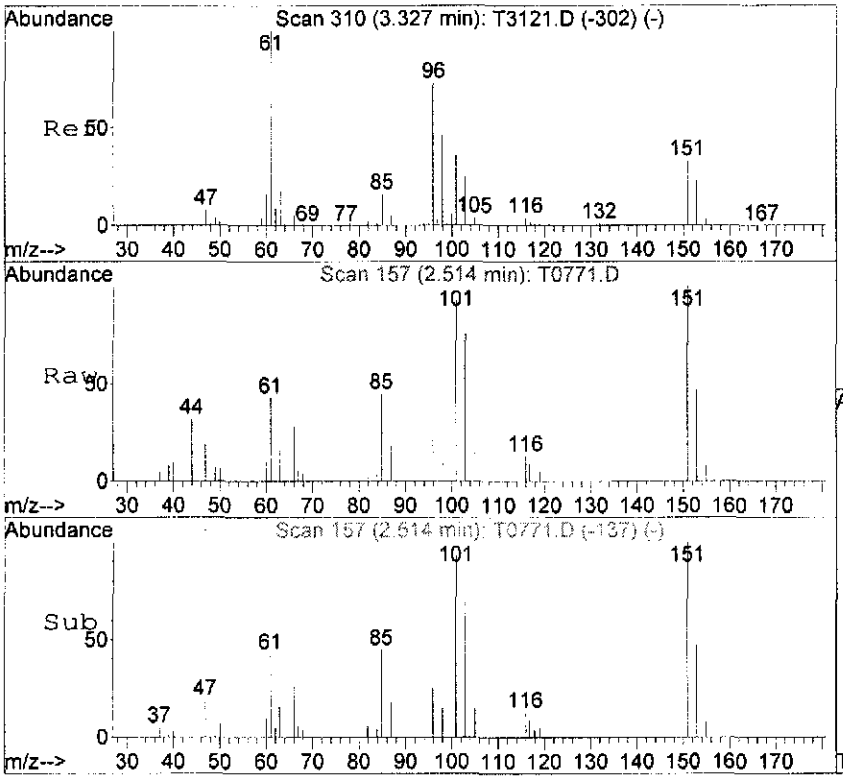


#4
C020 Vinyl chloride
Concen: 2.92 ug/L
RT: 1.41 min Scan# 50
Delta R.T. -0.00 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 62 Resp: 14677

Ion	Ratio	Lower	Upper
62	100		
64	26.5	11.8	51.8

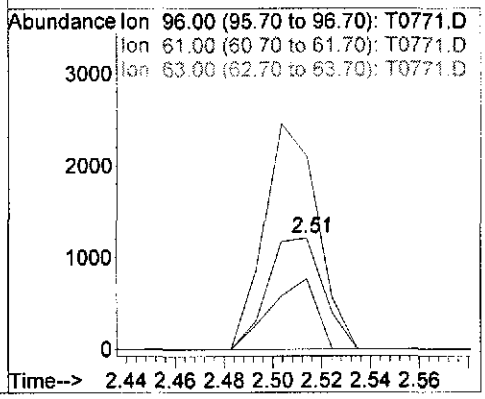


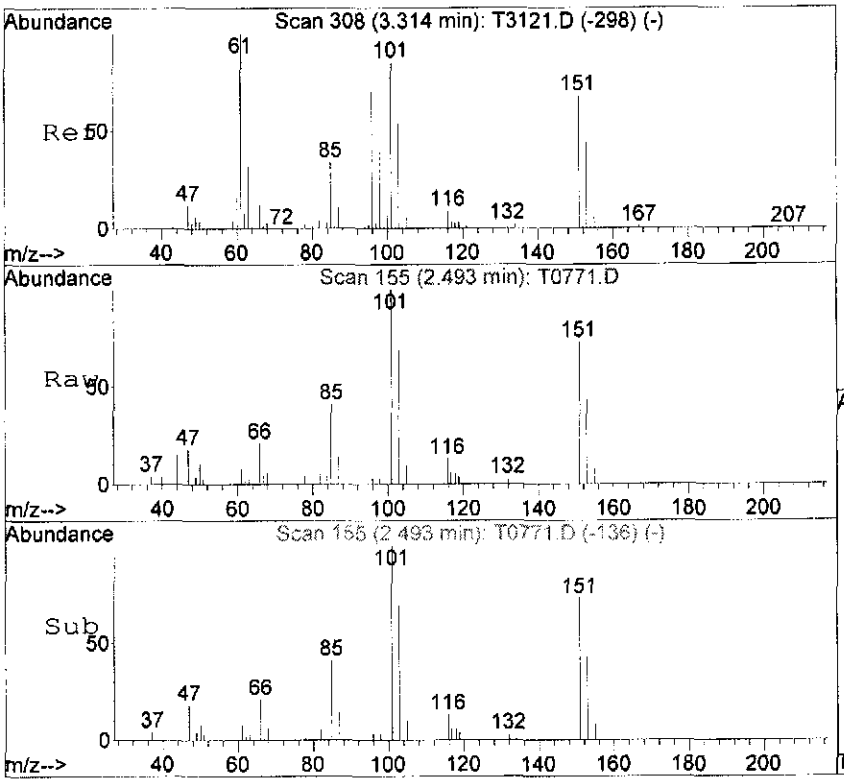


#8
C045 1,1-Dichloroethene
Concen: 0.52 ug/L
RT: 2.51 min Scan# 157
Delta R.T. 0.01 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 96 Resp: 1925

Ion	Ratio	Lower	Upper
96	100		
61	173.1	196.5	236.5#
63	63.3	45.8	85.8

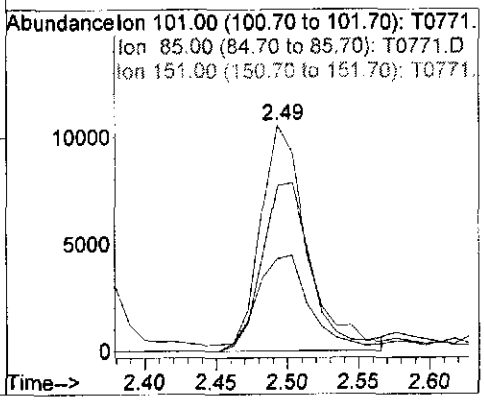


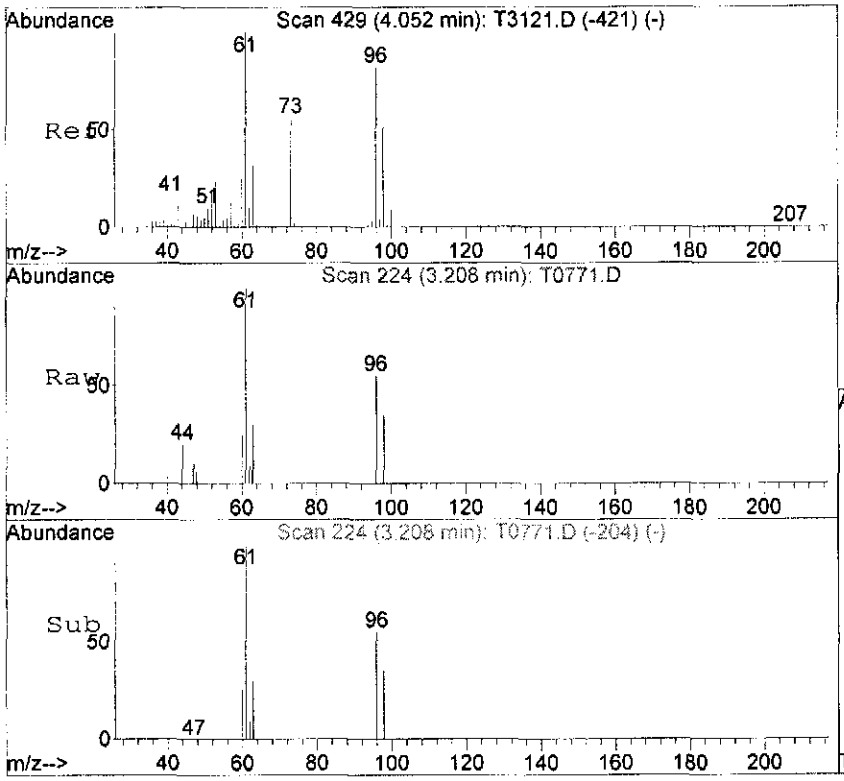


#16
C291 1,1,2 Trichloro-1,2,2 Tr
Concen: 9.33 ug/L
RT: 2.49 min Scan# 155
Delta R.T. -0.00 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion:101 Resp: 24134

Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.9	55.3
151	78.6	63.0	94.6

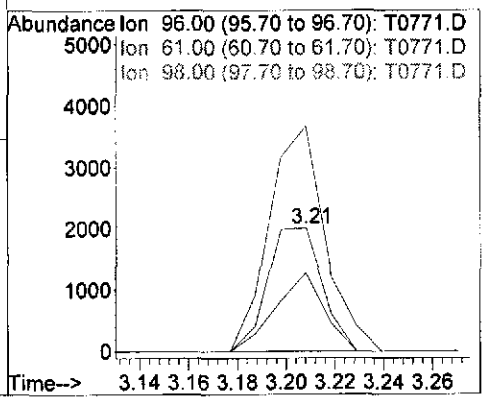


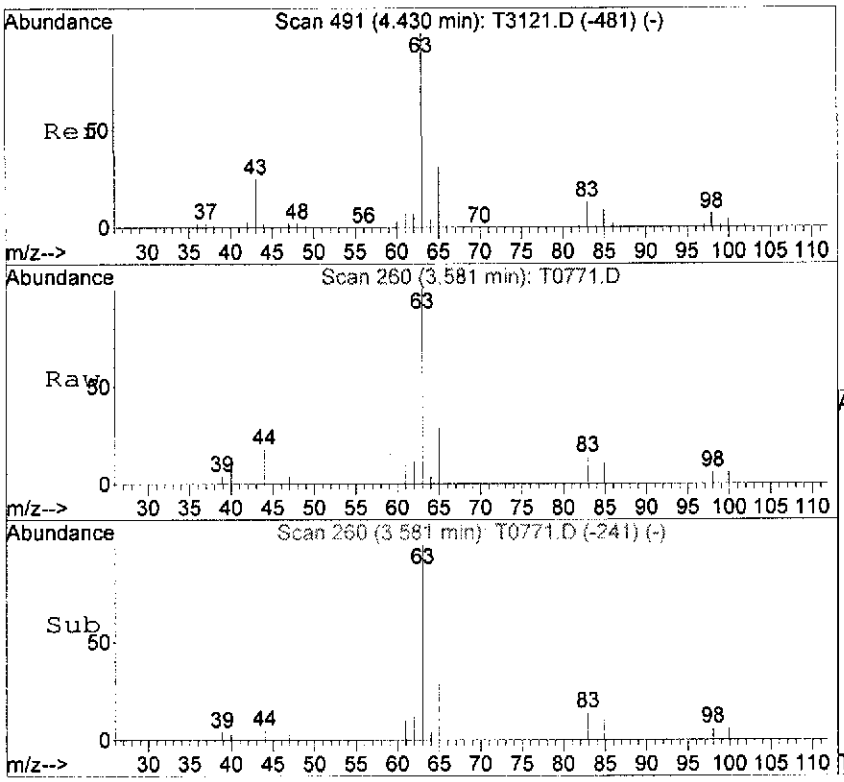


#18
C057 trans-1,2-Dichloroethene
Concen: 0.69 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 96 Resp: 3113

Ion	Ratio	Lower	Upper
96	100		
61	183.1	167.6	207.6
98	63.7	44.0	84.0

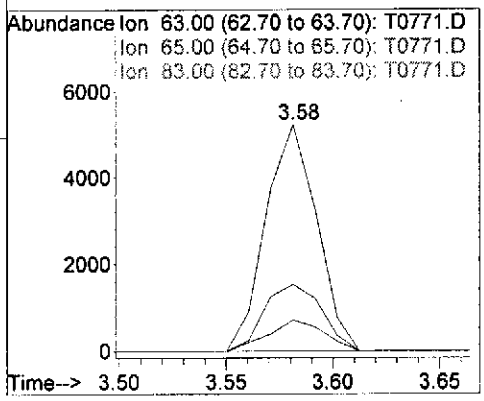


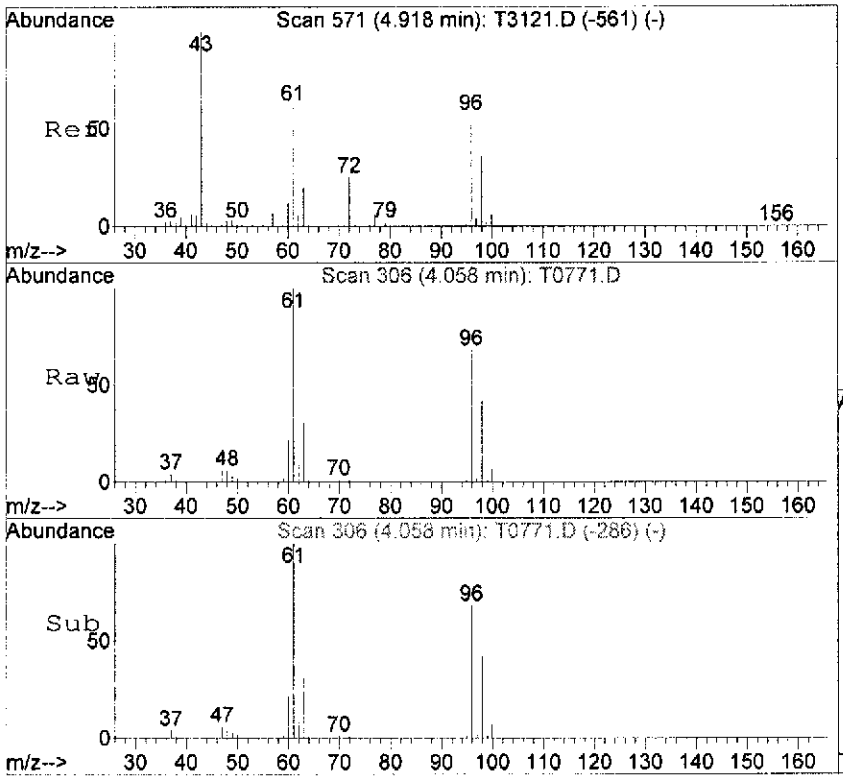


#20
C050 1,1-Dichloroethane
Concen: 0.99 ug/L
RT: 3.58 min Scan# 260
Delta R.T. -0.00 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 63 Resp: 8667

Ion	Ratio	Lower	Upper
63	100		
65	29.3	11.3	51.3
83	13.6	0.0	31.3

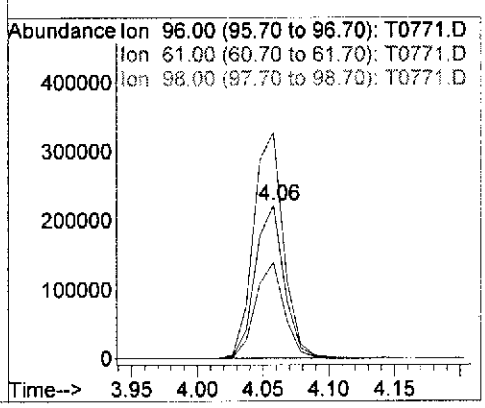


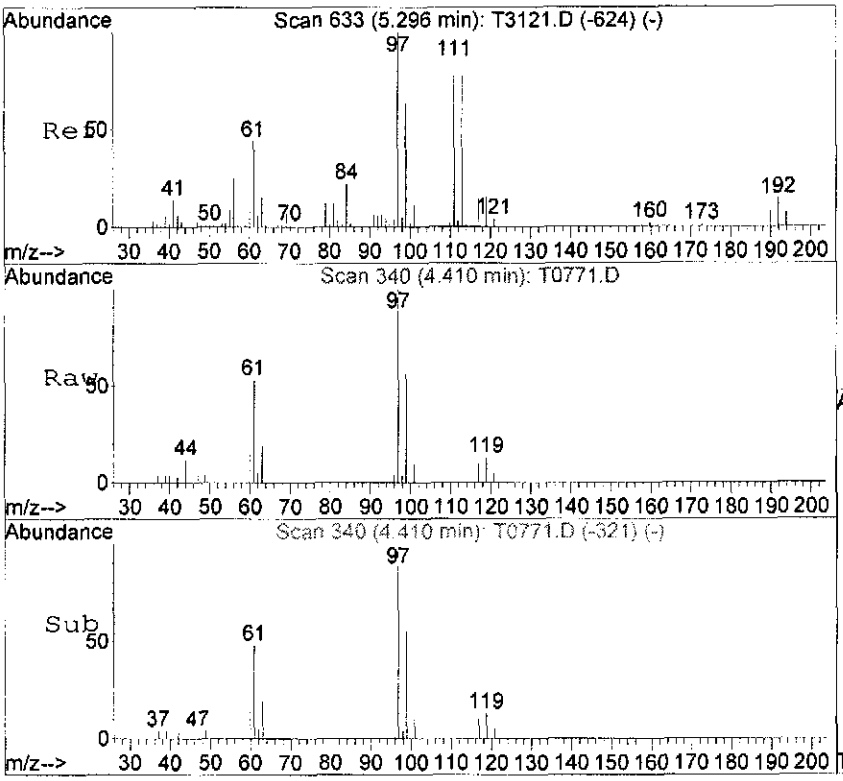


#23
C056 cis-1,2-Dichloroethene
Concen: 71.25 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.01 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 96 Resp: 341463

Ion	Ratio	Lower	Upper
96	100		
61	147.8	152.8	192.8#
98	62.8	44.6	84.6

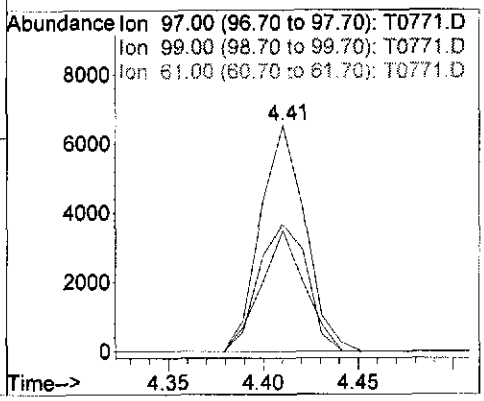


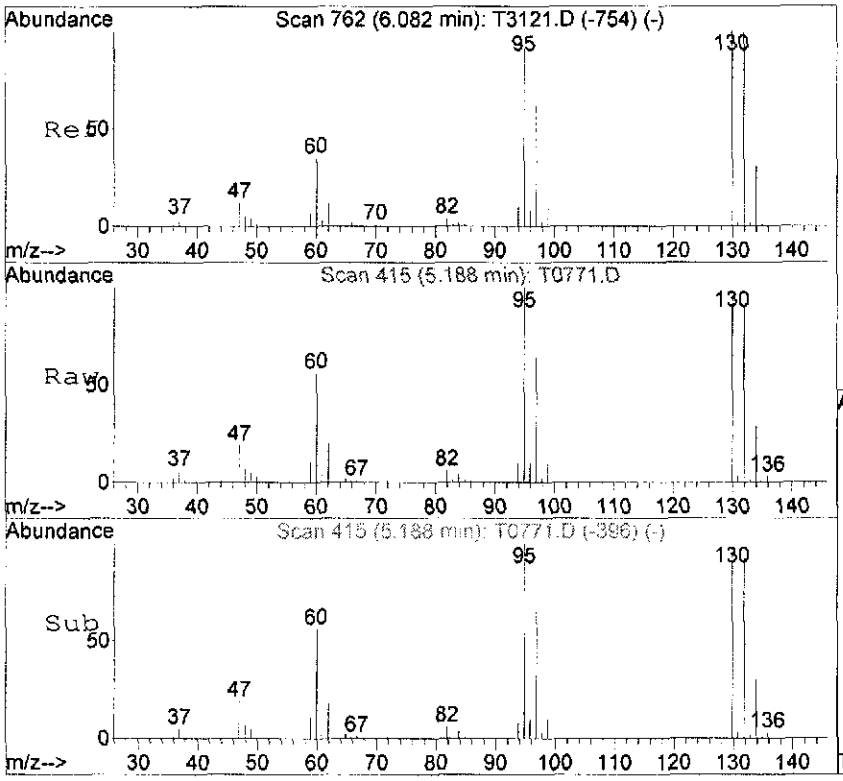


#27
C115 1,1,1-Trichloroethane
Concen: 1.68 ug/L
RT: 4.41 min Scan# 340
Delta R.T. -0.00 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 97 Resp: 10706

Ion	Ratio	Lower	Upper
97	100		
99	56.3	45.0	85.0
61	53.5	34.7	74.7

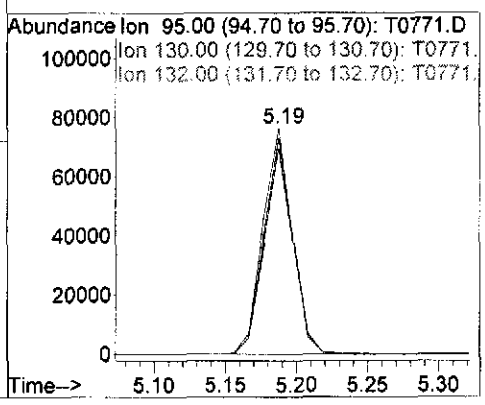




#35
C150 Trichloroethene
Concen: 23.06 ug/L
RT: 5.19 min Scan# 415
Delta R.T. -0.00 min
Lab File: T0771.D
Acq: 10 Jul 2010 17:30

Tgt Ion: 95 Resp: 108491

Ion	Ratio	Lower	Upper
95	100		
130	95.6	75.1	115.1
132	91.1	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-6 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-07	File ID:	T0732.D
Sampled:	07/06/10 14:20	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 14:41
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094	Instrument:	HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.3	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	2.3	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-6 (30-32)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-07 File ID: T0732.D

Sampled: 07/06/10 14:20 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 14:41

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	2.8	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.0	88	66 - 137	
4-Bromofluorobenzene	25.0	21.8	87	73 - 120	
Toluene-d8	25.0	22.1	88	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	111799	9.1	137661	9.1	
1,4-Difluorobenzene	264151	5.01	308978	5.01	
Chlorobenzene-d5	221225	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0732.D
Acq On : 9 Jul 2010 14:41
Sample : RTG0721-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:24 2010

Vial: 12
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SME 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	264151	25.00	ug/L	0.00 85.49%
42) CI20	Chlorobenzene-D5	7.23	117	221225	25.00	ug/L	0.00 83.24%
61) CI30	1,4-Dichlorobenzene-	9.10	152	111799	25.00	ug/L	0.00 81.21%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	123719	21.97	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.88%		
43) CS05	Toluene-D8	6.11	98	321731	22.12	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	88.48%		
60) CS10	p-Bromofluorobenzene	8.17	174	87999	21.83	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	87.32%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	1354	N.D.		
4) C020	Vinyl chloride	1.40	62	565	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	1377	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	2711	N.D.		
14) C300	Acetonitrile	2.89	41	162	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.49	101	455	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.89	43	162	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	139	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	11770	2.33	ug/L #	78
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.42	97	581	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	1421	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.12	43	127	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	14053	2.83	ug/L	94
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0732.D Vial: 12
Acq On : 9 Jul 2010 14:41 Operator: LH
Sample : RTG0721-07 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:24 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	374	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	1767	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.23	91	428	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

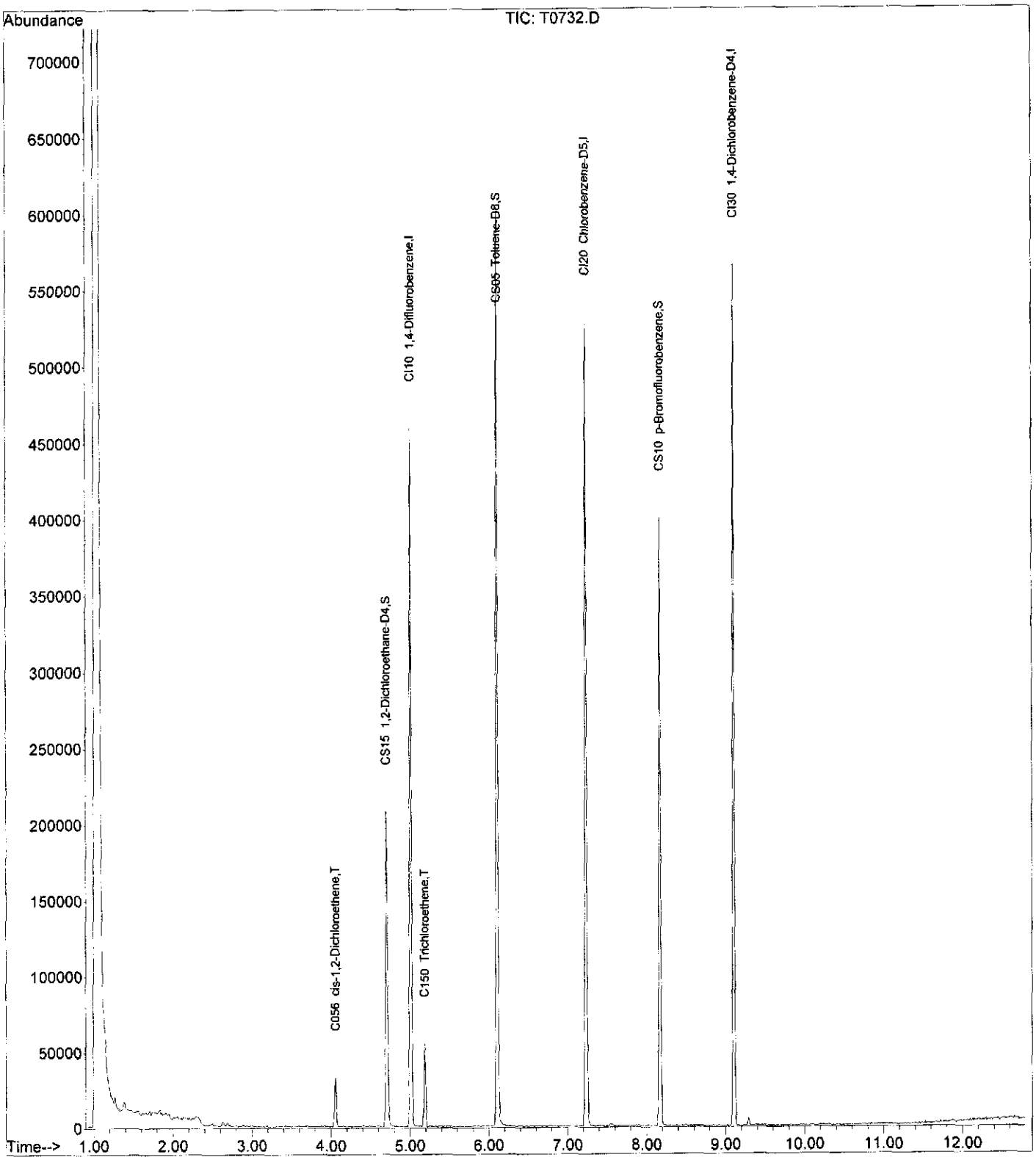
(#) = qualifier out of range (m) = manual integration (+) = signals summed

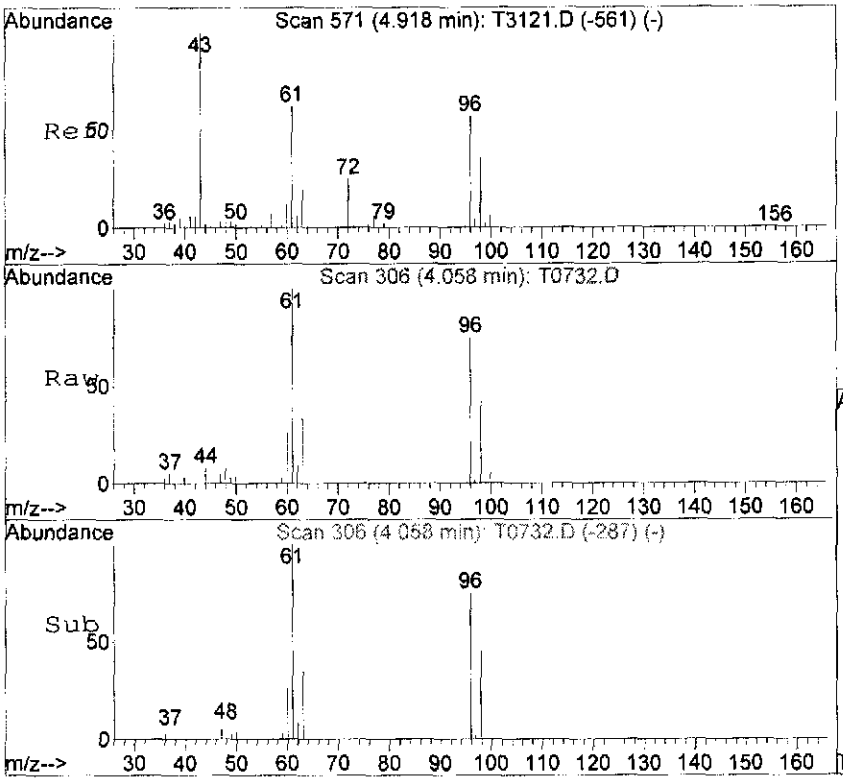
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0732.D
Acq On : 9 Jul 2010 14:41
Sample : RTG0721-07
Misc :
MS Integration Params: RTEINT.P

Vial: 12
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:13:24 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

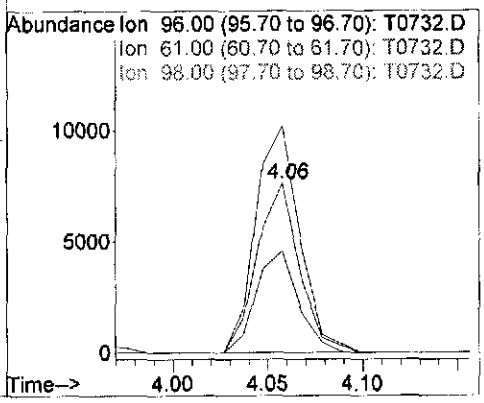


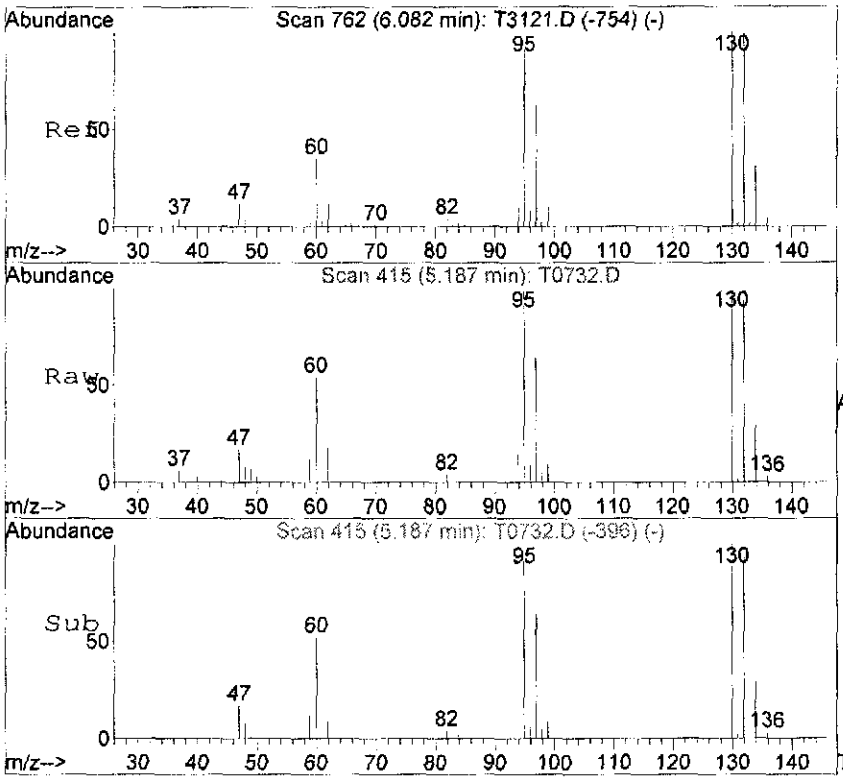


#23
C056 cis-1,2-Dichloroethene
Concen: 2.33 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0732.D
Acq: 9 Jul 2010 14:41

Tgt Ion: 96 Resp: 11770

Ion	Ratio	Lower	Upper
96	100		
61	133.9	152.8	192.8#
98	60.0	44.6	84.6

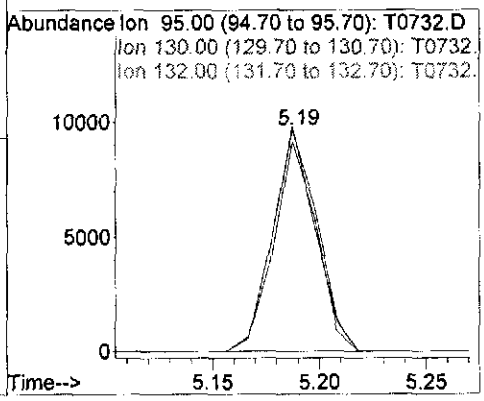




#35
C150 Trichloroethene
Concen: 2.83 ug/L
RT: 5.19 min Scan# 415
Delta R.T. 0.00 min
Lab File: T0732.D
Acq: 9 Jul 2010 14:41

Tgt Ion: 95 Resp: 14053

Ion	Ratio	Lower	Upper
95	100		
130	102.0	75.1	115.1
132	94.9	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (25-27)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-08	File ID:	T0733.D
Sampled:	07/06/10 15:50	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 15:05
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	4.9	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

WL-8 (25-27)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-08 File ID: T0733.D

Sampled: 07/06/10 15:50 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 15:05

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.0	88	66 - 137	
4-Bromofluorobenzene	25.0	21.4	86	73 - 120	
Toluene-d8	25.0	22.1	88	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	116620	9.1	137661	9.1	
1,4-Difluorobenzene	272644	5.01	308978	5.01	
Chlorobenzene-d5	225320	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0733.D Vial: 13
Acq On : 9 Jul 2010 15:05 Operator: LH
Sample : RTG0721-08 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:42 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	272644	25.00	ug/L	0.00 88.24%
42) CI20	Chlorobenzene-D5	7.23	117	225320	25.00	ug/L	0.00 84.78%
61) CI30	1,4-Dichlorobenzene-	9.10	152	116620	25.00	ug/L	0.00 84.72%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	127586	21.95	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.80%		
43) CS05	Toluene-D8	6.11	98	327661	22.12	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	88.48%		
60) CS10	p-Bromofluorobenzene	8.17	174	87786	21.38	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	85.52%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	465	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.74	94	127	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	2858	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	13312	4.92	ug/L #	77
14) C300	Acetonitrile	2.97	41	426	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.92	43	931	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.06	96	977	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	2994	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.14	43	621	N.D.		
34) C256	Cyclohexane	4.41	56	210	N.D.		
35) C150	Trichloroethene	5.19	95	2344	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0733.D Vial: 13
Acq On : 9 Jul 2010 15:05 Operator: LH
Sample : RTG0721-08 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:13:42 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	965	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	4107	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	2023	N.D.		
49) C220	Tetrachloroethene	6.56	166	137	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	3980	N.D.		
57) C246	m,p-Xylene	7.41	106	2003	N.D.		
58) C247	o-Xylene	7.73	106	880	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.41	105	145	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	223	N.D.		
74) C308	sec-Butylbenzene	8.79	105	223	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	9.44	146	196	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

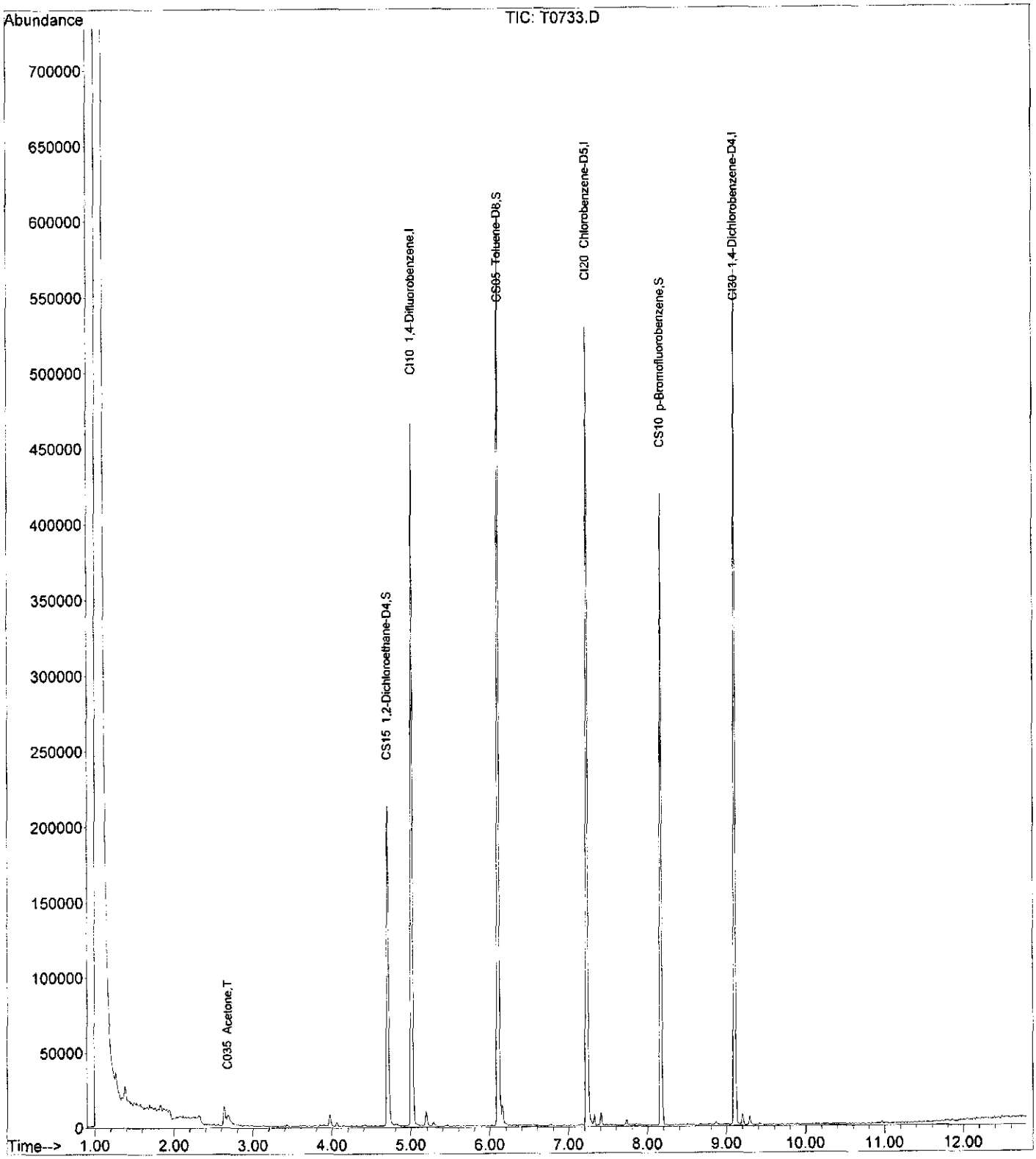
(#) = qualifier out of range (m) = manual integration (+) = signals summed

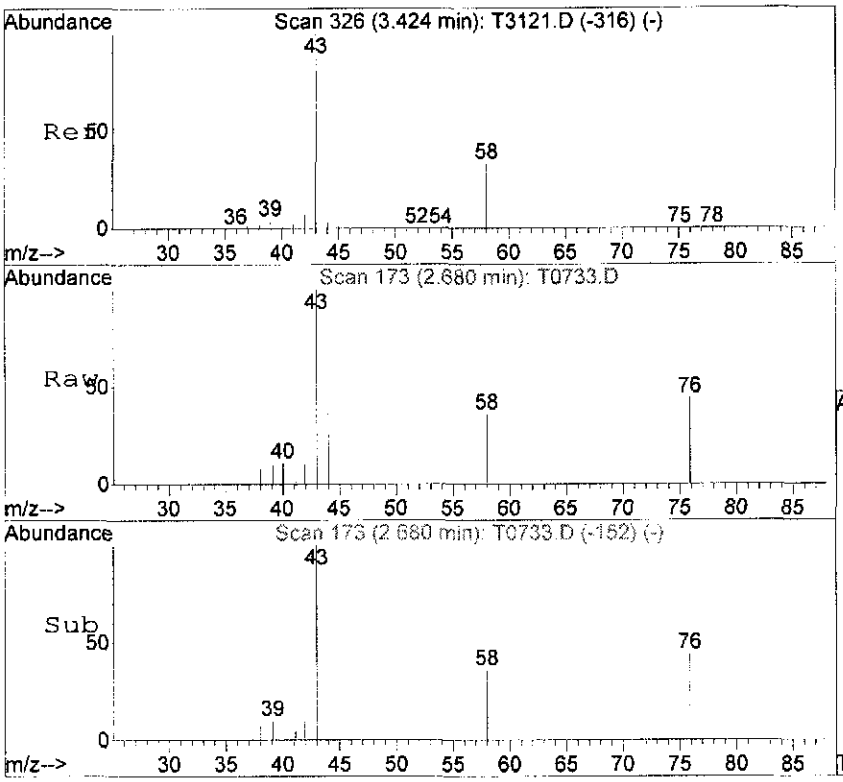
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0733.D
Acq On : 9 Jul 2010 15:05
Sample : RTG0721-08
Misc :
MS Integration Params: RTEINT.P

Vial: 13
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:13:42 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

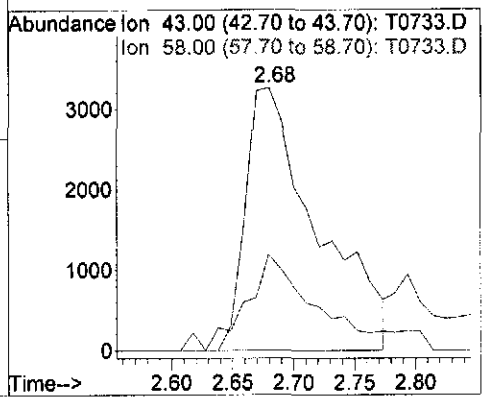




#13
C035 Acetone
Concen: 4.92 ug/L
RT: 2.68 min Scan# 173
Delta R.T. 0.02 min
Lab File: T0733.D
Acq: 9 Jul 2010 15:05

Tgt Ion: 43 Resp: 13312

Ion	Ratio	Lower	Upper
43	100		
58	36.3	19.7	29.5#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-09	File ID:	T0734.D
Sampled:	07/06/10 15:40	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 15:29
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	8.9	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	0.97	J
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.2	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-09	File ID:	T0734.D
Sampled:	07/06/10 15:40	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 15:29
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	0.70	J
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.9	J

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.2	89	66 - 137	
4-Bromofluorobenzene	25.0	21.4	86	73 - 120	
Toluene-d8	25.0	22.3	89	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	110808	9.1	137661	9.1	
1,4-Difluorobenzene	265379	5.01	308978	5.01	
Chlorobenzene-d5	219580	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0734.D Vial: 14
Acq On : 9 Jul 2010 15:29 Operator: LH
Sample : RTG0721-09 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:02 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	265379	25.00	ug/L	0.00 85.89%
42) CI20	Chlorobenzene-D5	7.23	117	219580	25.00	ug/L	0.00 82.62%
61) CI30	1,4-Dichlorobenzene-	9.10	152	110808	25.00	ug/L	0.00 80.49%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	125341	22.16	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	88.64%		
43) CS05	Toluene-D8	6.11	98	321640	22.28	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.12%		
60) CS10	p-Bromofluorobenzene	8.17	174	85798	21.44	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	85.76%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	1394	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.71	94	142	N.D.		
6) C025	Chloroethane	1.82	64	137	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	13084	0.97	ug/L	100
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.31	53	275	N.D.		
13) C035	Acetone	2.67	43	23533	8.94	ug/L #	72
14) C300	Acetonitrile	2.98	41	369	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	3.24	73	171	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.93	43	4401	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.06	96	751	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	5518	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.13	43	3842	N.D.		
34) C256	Cyclohexane	4.40	56	1730	N.D.		
35) C150	Trichloroethene	5.19	95	3494	0.70	ug/L #	85
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0734.D Vial: 14
Acq On : 9 Jul 2010 15:29 Operator: LH
Sample : RTG0721-09 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:02 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcycolhexane	5.28	83	2793	N.D.		
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44)	C230	Toluene	6.16	92	11697	1.04	ug/L	92
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48)	C210	4-Methyl-2-pentano	6.10	43	2155	N.D.		
49)	C220	Tetrachloroethene	6.56	166	991	N.D.		
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51)	C155	Dibromochlorometha	0.00	129	0	N.D.		
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53)	C215	2-Hexanone	6.70	43	323	N.D.		
54)	C235	Chlorobenzene	0.00	112	0	N.D.		
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56)	C240	Ethylbenzene	7.32	91	25667	1.23	ug/L	99
57)	C246	m,p-Xylene	7.42	106	10931	1.40	ug/L	93
58)	C247	o-Xylene	7.74	106	3856	0.51	ug/L	97
59)	C245	Styrene	0.00	104	0	N.D.		
62)	C180	Bromoform	0.00	173	0	N.D.		
63)	C966	Isopropylbenzene	8.02	105	1598	N.D.		
64)	C301	Bromobenzene	0.00	156	0	N.D.		
65)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68)	C302	n-Propylbenzene	8.35	91	947	N.D.		
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.		
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.		
71)	C304	1,3,5-Trimethylben	8.48	105	816	N.D.		
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.		
73)	C307	1,2,4-Trimethylben	8.79	105	3406	N.D.		
74)	C308	sec-Butylbenzene	8.79	105	3406	N.D.		
75)	C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76)	C309	4-Isopropyltoluene	9.04	119	285	N.D.		
77)	C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78)	C249	1,2-Dichlorobenzen	9.44	146	2965	N.D.		
79)	C310	n-Butylbenzene	0.00	91	0	N.D.		
80)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82)	C316	Hexachlorobutadien	0.00	225	0	N.D.		
83)	C314	Naphthalene	10.97	128	854	N.D.		
84)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

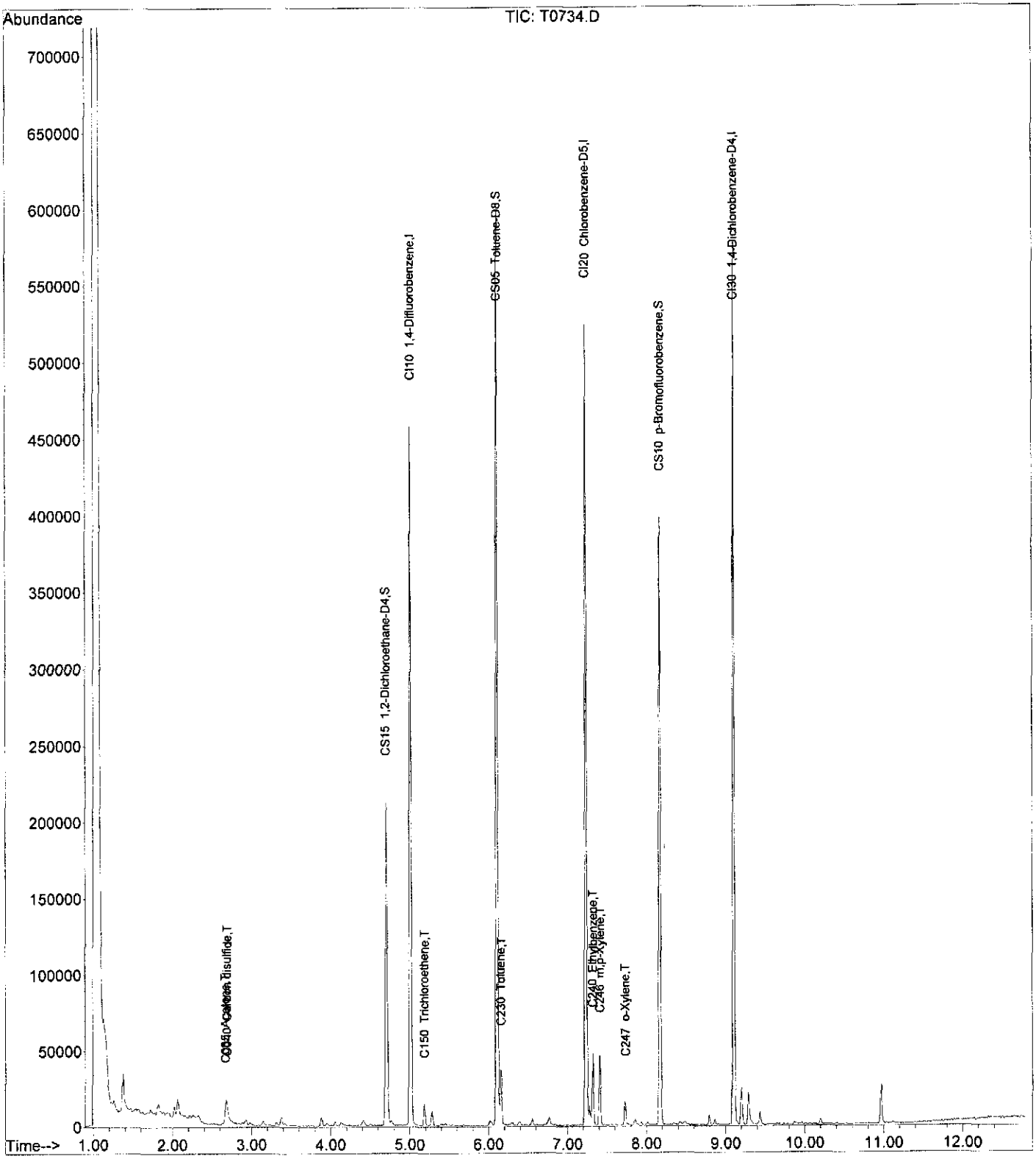
(#) = qualifier out of range (m) = manual integration (+) = signals summed

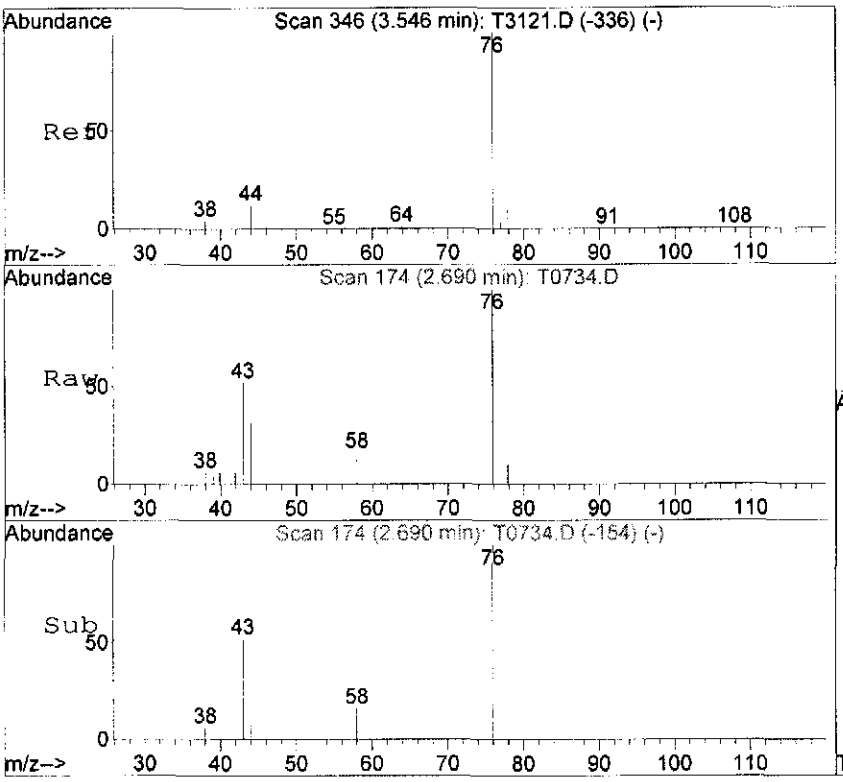
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0734.D
Acq On : 9 Jul 2010 15:29
Sample : RTG0721-09
Misc :
MS Integration Params: RTEINT.P

Vial: 14
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:14:02 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

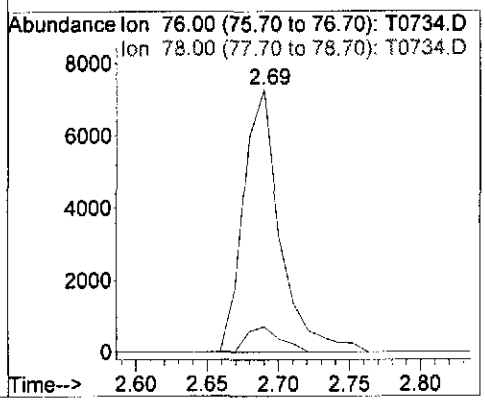


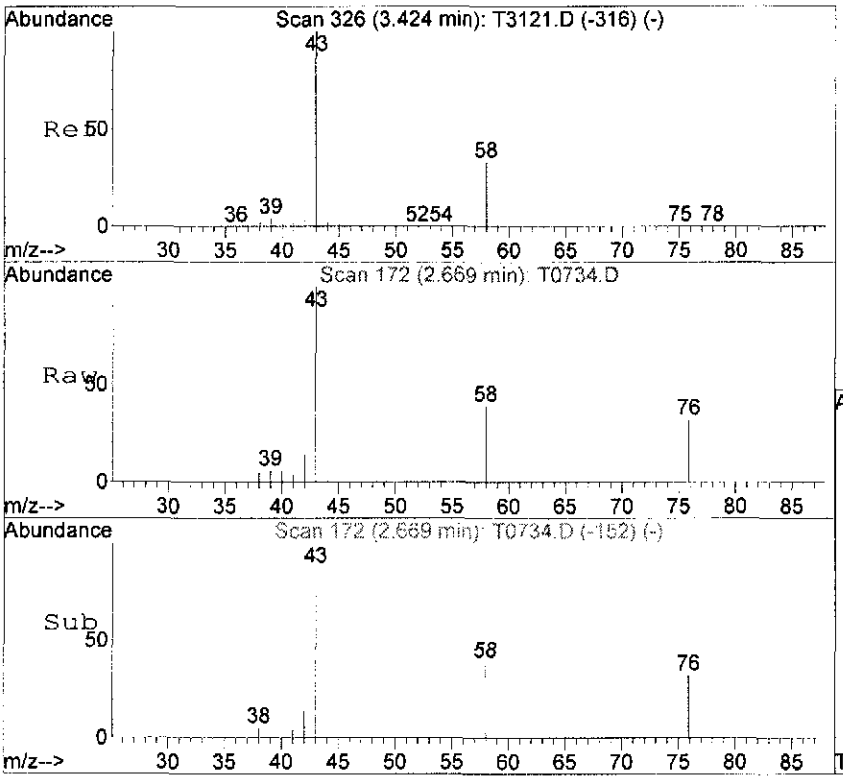


#10
C040 Carbon disulfide
Concen: 0.97 ug/L
RT: 2.69 min Scan# 174
Delta R.T. 0.01 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion: 76 Resp: 13084

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.8	11.6

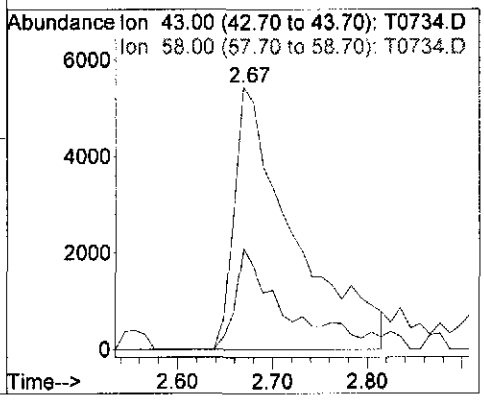


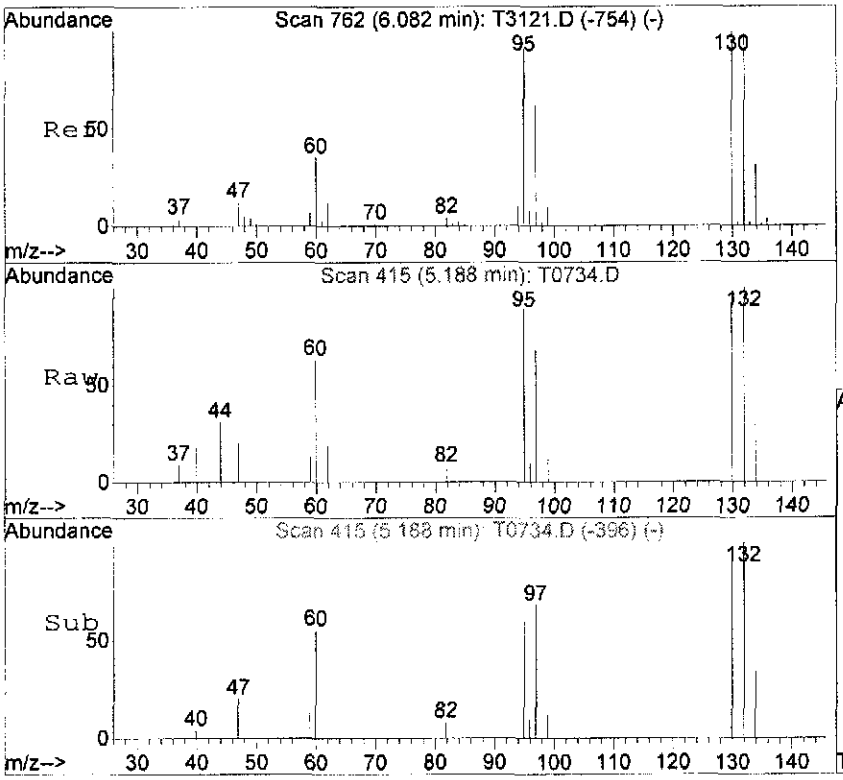


#13
C035 Acetone
Concen: 8.94 ug/L
RT: 2.67 min Scan# 172
Delta R.T. 0.01 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion: 43 Resp: 23533

Ion	Ratio	Lower	Upper
43	100		
58	38.7	19.7	29.5#

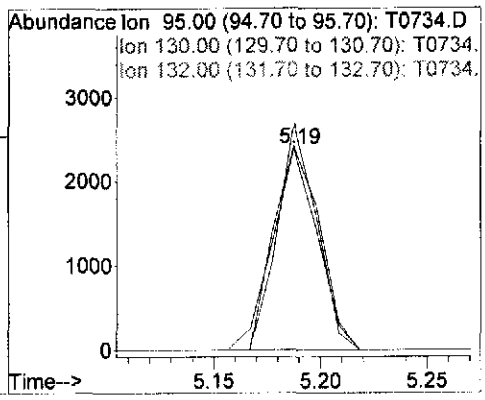


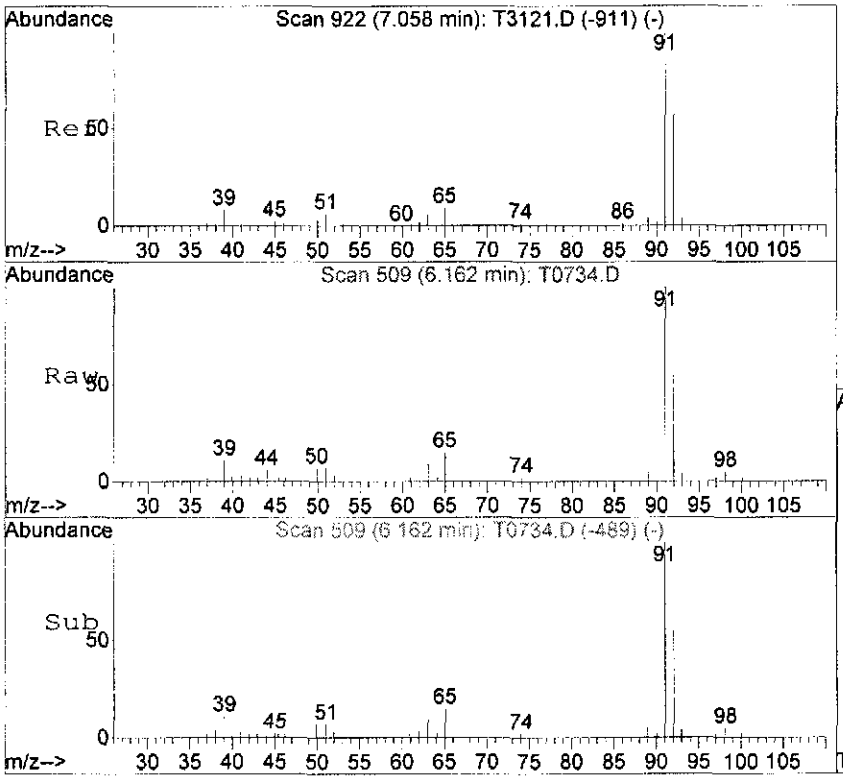


#35
C150 Trichloroethene
Concen: 0.70 ug/L
RT: 5.19 min Scan# 415
Delta R.T. 0.00 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion: 95 Resp: 3494

Ion	Ratio	Lower	Upper
95	100		
130	101.1	75.1	115.1
132	112.5	70.0	110.0#

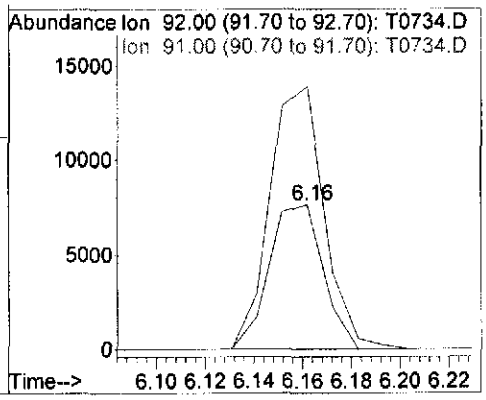


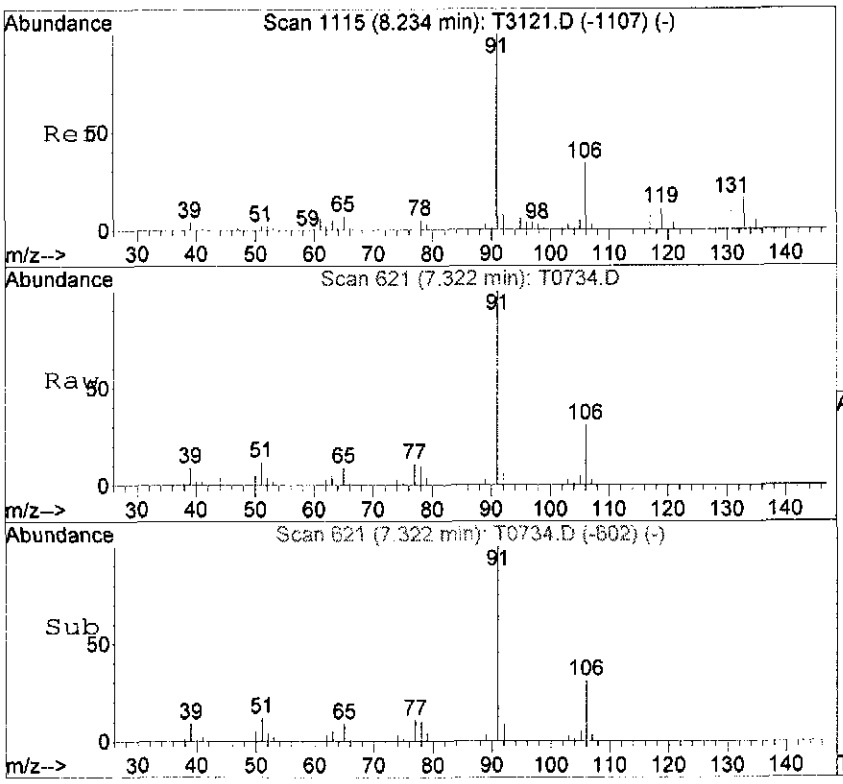


#44
C230 Toluene
Concen: 1.04 ug/L
RT: 6.16 min Scan# 509
Delta R.T. 0.01 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion: 92 Resp: 11697

Ion	Ratio	Lower	Upper
92	100		
91	182.6	151.4	191.4

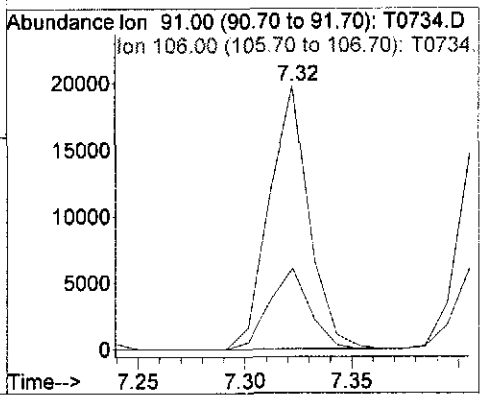


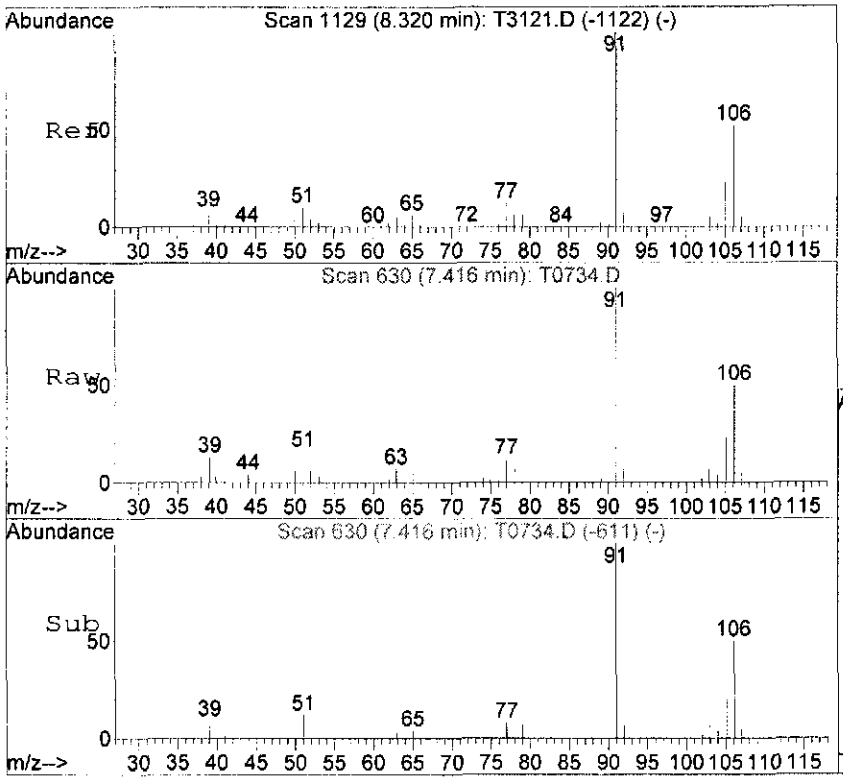


#56
C240 Ethylbenzene
Concen: 1.23 ug/L
RT: 7.32 min Scan# 621
Delta R.T. 0.00 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion: 91 Resp: 25667

Ion	Ratio	Lower	Upper
91	100		
106	30.7	11.1	51.1

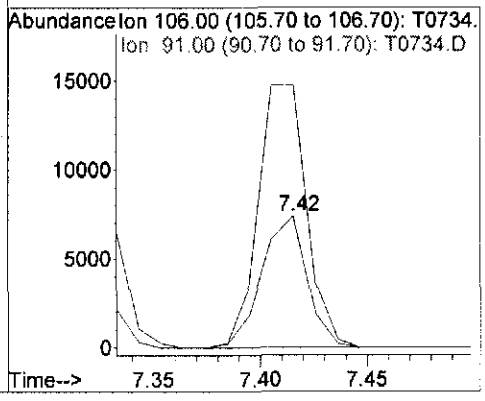


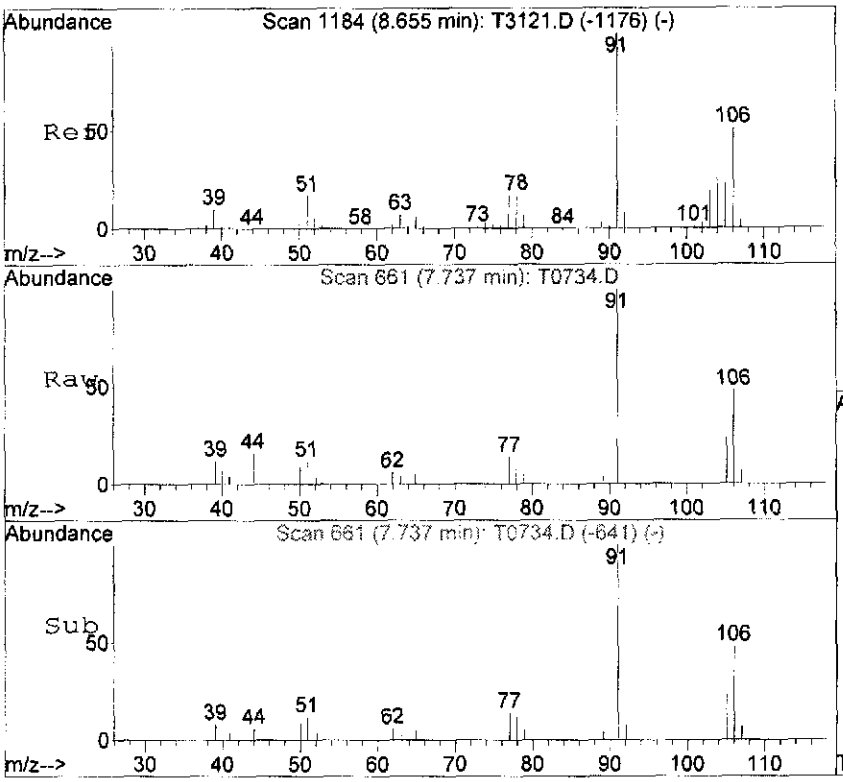


#57
C246 m,p-Xylene
Concen: 1.40 ug/L
RT: 7.42 min Scan# 630
Delta R.T. 0.00 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion:106 Resp: 10931

Ion	Ratio	Lower	Upper
106	100		
91	199.3	189.6	229.6

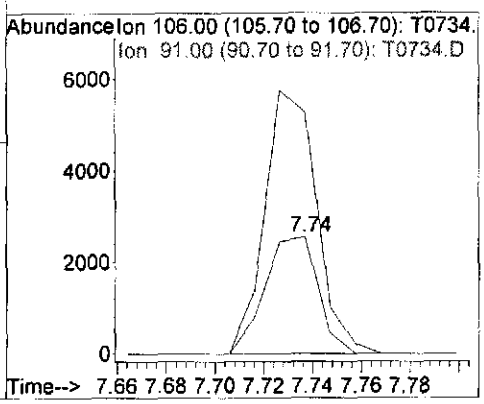




#58
C247 o-Xylene
Concen: 0.51 ug/L
RT: 7.74 min Scan# 661
Delta R.T. 0.01 min
Lab File: T0734.D
Acq: 9 Jul 2010 15:29

Tgt Ion:106 Resp: 3856

Ion	Ratio	Lower	Upper
106	100		
91	207.4	192.1	232.1



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-4 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-10	File ID:	T0735.D
Sampled:	07/06/10 09:45	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 15:52
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	6.5	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-4 (30-32)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-10 File ID: T0735.D

Sampled: 07/06/10 09:45 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 15:52

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	91	66 - 137	
4-Bromofluorobenzene	25.0	21.7	87	73 - 120	
Toluene-d8	25.0	22.5	90	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	110767	9.1	137661	9.1	
1,4-Difluorobenzene	269507	5.01	308978	5.01	
Chlorobenzene-d5	224918	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0735.D Vial: 15
Acq On : 9 Jul 2010 15:52 Operator: LH
Sample : RTG0721-10 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SRS ML6 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	269507	25.00	ug/L	0.00 87.23%
42) CI20	Chlorobenzene-D5	7.23	117	224918	25.00	ug/L	0.00 84.63%
61) CI30	1,4-Dichlorobenzene-	9.10	152	110767	25.00	ug/L	0.00 80.46%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	130141	22.65	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.60%		
43) CS05	Toluene-D8	6.11	98	332335	22.48	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.92%		
60) CS10	p-Bromofluorobenzene	8.17	174	89112	21.74	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.96%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	154	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.72	94	428	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	4450	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.67	43	17451	6.53	ug/L #	/ 78
14) C300	Acetonitrile	2.96	41	129	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.94	43	515	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.61	43	128	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.06	96	329	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	2491	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.13	43	1922	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	0.00	95	0	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/11/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0735.D Vial: 15
Acq On : 9 Jul 2010 15:52 Operator: LH
Sample : RTG0721-10 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	2185	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	2193	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.76	43	145	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	358	N.D.		
57) C246	m,p-Xylene	7.41	106	434	N.D.		
58) C247	o-Xylene	7.74	106	374	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.42	105	133	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	268	N.D.		
74) C308	sec-Butylbenzene	8.79	105	268	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.97	128	143	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

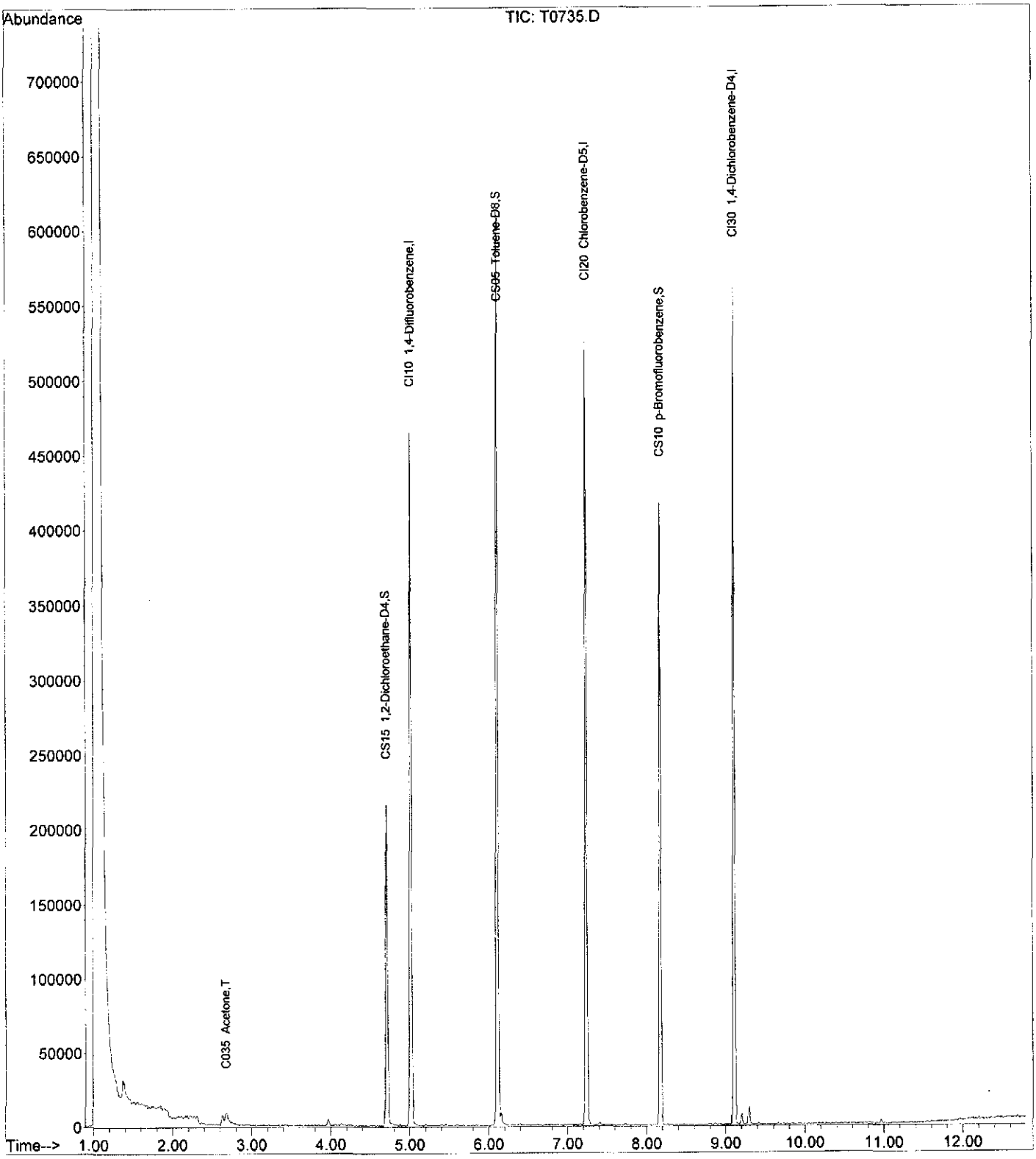
(#) = qualifier out of range (m) = manual integration (+) = signals summed

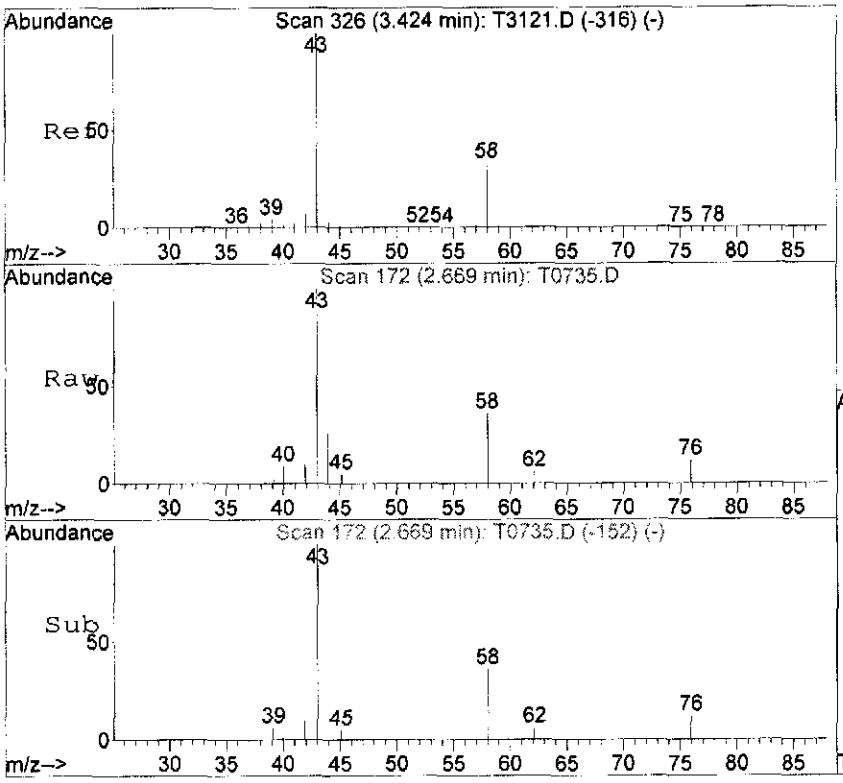
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0735.D
Acq On : 9 Jul 2010 15:52
Sample : RTG0721-10
Misc :
MS Integration Params: RTEINT.P

Vial: 15
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:14:18 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

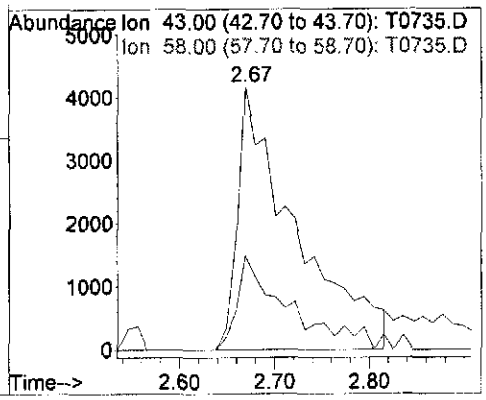




#13
C035 Acetone
Concen: 6.53 ug/L
RT: 2.67 min Scan# 172
Delta R.T. 0.01 min
Lab File: T0735.D
Acq: 9 Jul 2010 15:52

Tgt Ion: 43 Resp: 17451

Ion	Ratio	Lower	Upper
43	100		
58	35.6	19.7	29.5#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-11 File ID: T0736.D

Sampled: 07/07/10 09:20 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 16:16

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	5.4	
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.2	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.2	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.4	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	26	
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	160	E
98-82-8	Isopropylbenzene	1	3.0	
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	12	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-11	File ID:	T0736.D
Sampled:	07/07/10 09:20	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 16:16
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	10	
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.1	
1330-20-7	Xylenes, total	1	360	E

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.2	89	66 - 137	
4-Bromofluorobenzene	25.0	22.5	90	73 - 120	
Toluene-d8	25.0	22.6	90	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	118618	9.1	137661	9.1	
1,4-Difluorobenzene	263123	5.01	308978	5.01	
Chlorobenzene-d5	220041	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0736.D
Acq On : 9 Jul 2010 16:16
Sample : RTG0721-11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:40 2010

Vial: 16
Operator: LH
Inst : 5975 T
Multiplr: 1.00

RE1 e4X

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SEE NLO 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	263123	25.00	ug/L	0.00 85.16%
42) CI20	Chlorobenzene-D5	7.23	117	220041	25.00	ug/L	0.00 82.79%
61) CI30	1,4-Dichlorobenzene-	9.10	152	118618	25.00	ug/L	0.00 86.17%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	124649	22.22	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	88.88%		
43) CS05	Toluene-D8	6.11	98	326563	22.58	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	90.32%		
60) CS10	p-Bromofluorobenzene	8.17	174	90194	22.49	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	89.96%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.16	85	2229	N.D.		
3) C010	Chloromethane	1.32	50	734	N.D.		
4) C020	Vinyl chloride	1.40	62	5802	1.10	ug/L	91
5) C015	Bromomethane	1.71	94	455	N.D.		
6) C025	Chloroethane	1.80	64	774	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	2832	N.D.		
11) C036	Acrolein	2.49	56	573	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	5345	N.D.		
14) C300	Acetonitrile	2.93	41	34360	42.60	ug/L #	40
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.49	101	547	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.21	96	3790	0.80	ug/L	94
19) C255	Methyl Acetate	2.93	43	75131	7.54	ug/L #	65
20) C050	1,1-Dichloroethane	3.58	63	2019	N.D.		
21) C125	Vinyl Acetate	3.60	43	347	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	7268	1.44	ug/L	86
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.41	83	7237	0.82	ug/L #	47
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	22467	1.18	ug/L	97
32) C065	1,2-Dichloroethane	4.72	62	388	N.D.		
33) C110	2-Butanone	4.15	43	1172	N.D.		
34) C256	Cyclohexane	4.41	56	182649	25.69	ug/L	87
35) C150	Trichloroethene	5.19	95	1969	N.D.		
36) C140	1,2-Dichloropropan	5.28	63	1110	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	5.58	83	179	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0736.D Vial: 16
Acq On : 9 Jul 2010 16:16 Operator: LH
Sample : RTG0721-11 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:40 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcycolhexane	5.28	83	87081	11.64	ug/L	94
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44)	C230	Toluene	6.16	92	116576	10.35	ug/L	94
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46)	C284	Ethyl Methacrylate	6.39	69	3675	0.55	ug/L #	26
47)	C160	1,1,2-Trichloroeth	6.60	83	216	N.D.		
48)	C210	4-Methyl-2-pentano	6.10	43	1824	N.D.		
49)	C220	Tetrachloroethene	6.56	166	823	N.D.		
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51)	C155	Dibromochlorometha	0.00	129	0	N.D.		
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53)	C215	2-Hexanone	6.74	43	3814	N.D.		
54)	C235	Chlorobenzene	7.25	112	548	N.D.		
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56)	C240	Ethylbenzene	7.32	91	3284598	157.26	ug/L	99
57)	C246	m,p-Xylene	7.42	106	2099317	267.75	ug/L	99
58)	C247	o-Xylene	7.74	106	709981	93.33	ug/L	97
59)	C245	Styrene	7.74	104	33731	2.68	ug/L #	1
62)	C180	Bromoform	0.00	173	0	N.D.		
63)	C966	Isopropylbenzene	8.02	105	62991	2.99	ug/L	99
64)	C301	Bromobenzene	0.00	156	0	N.D.		
65)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67)	C283	t-1,4-Dichloro-2-B	8.43	53	435	N.D.		
68)	C302	n-Propylbenzene	8.35	91	16961	0.64	ug/L	97
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.		
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.		
71)	C304	1,3,5-Trimethylbenze	8.48	105	16658	0.93	ug/L	93
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.		
73)	C307	1,2,4-Trimethylbenze	8.79	105	62942	3.47	ug/L	96
74)	C308	sec-Butylbenzene	8.93	105	2103	N.D.		
75)	C260	1,3-Dichlorobenzen	9.05	146	1258	N.D.		
76)	C309	4-Isopropyltoluene	9.04	119	3273	N.D.		
77)	C267	1,4-Dichlorobenzen	9.13	146	2786	N.D.		
78)	C249	1,2-Dichlorobenzene	9.44	146	50265	5.42	ug/L	97
79)	C310	n-Butylbenzene	9.36	91	1025	N.D.		
80)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82)	C316	Hexachlorobutadien	0.00	225	0	N.D.		
83)	C314	Naphthalene	10.97	128	6041	N.D.		
84)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

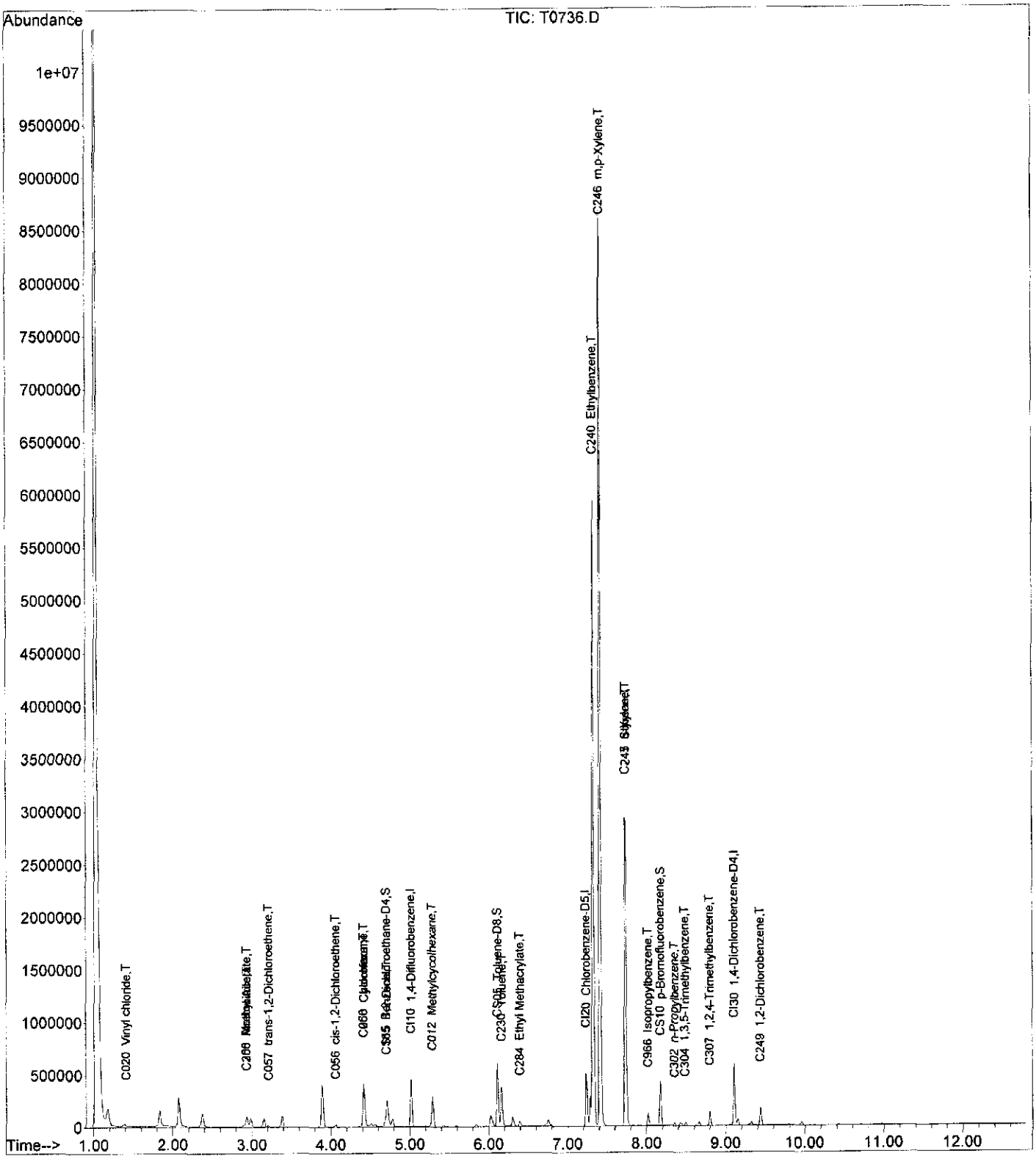
(#) = qualifier out of range (m) = manual integration (+) = signals summed

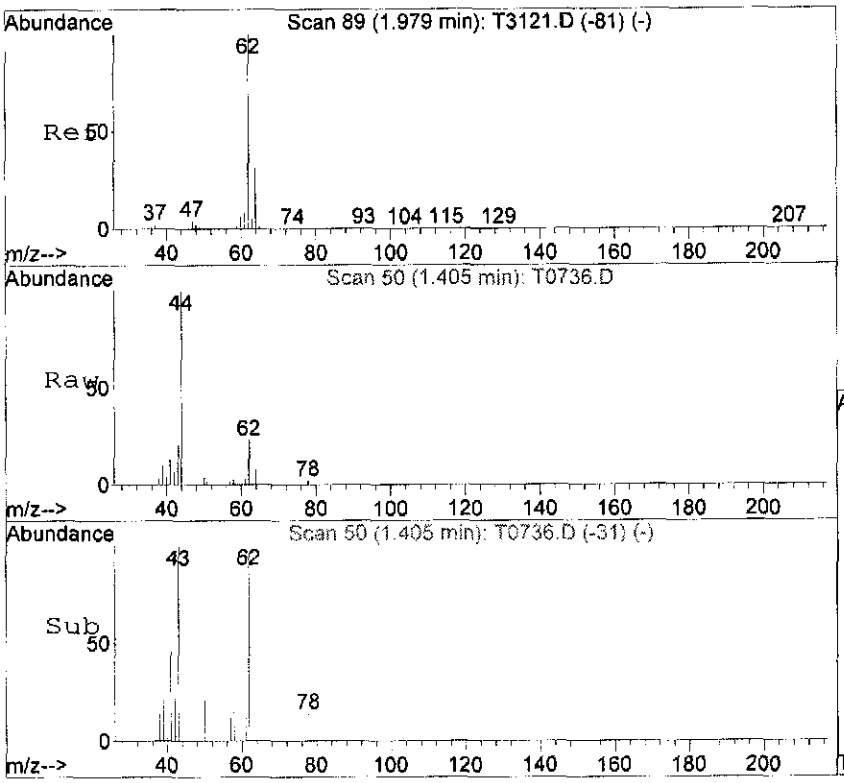
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0736.D
Acq On : 9 Jul 2010 16:16
Sample : RTG0721-11
Misc :
MS Integration Params: RTEINT.P

Vial: 16
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:14:40 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

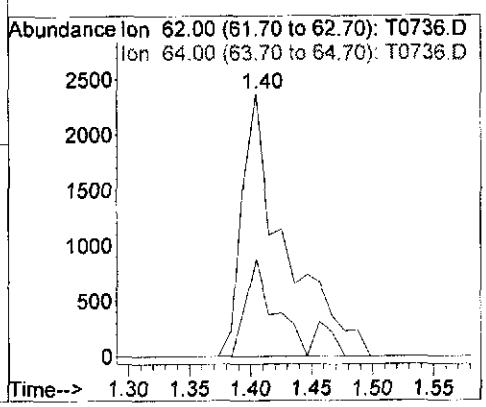


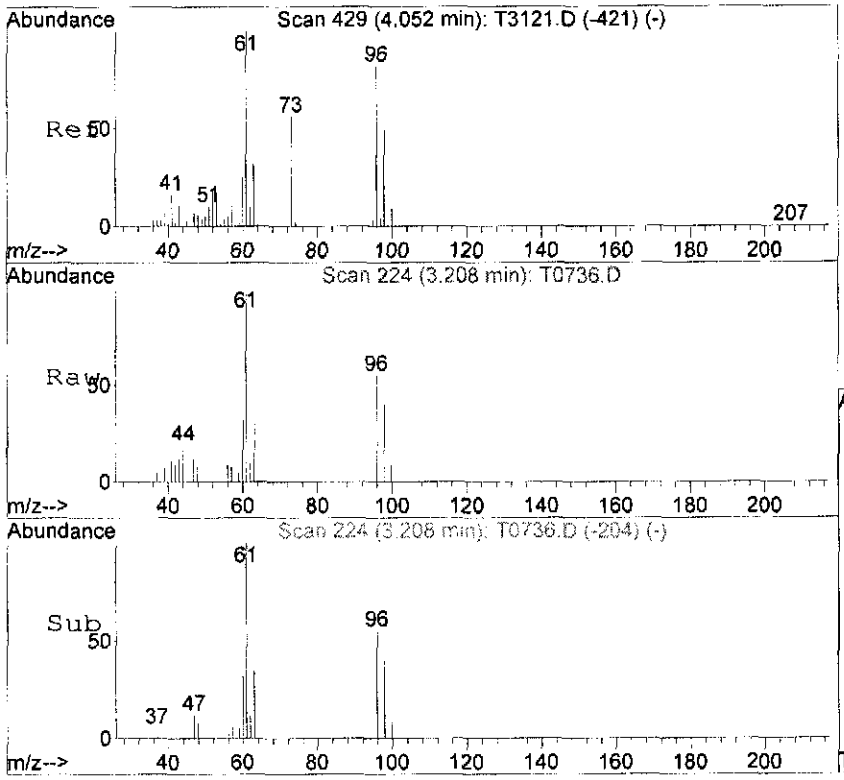


#4
C020 Vinyl chloride
Concen: 1.10 ug/L
RT: 1.40 min Scan# 50
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 62 Resp: 5802

Ion	Ratio	Lower	Upper
62	100		
64	36.9	11.8	51.8

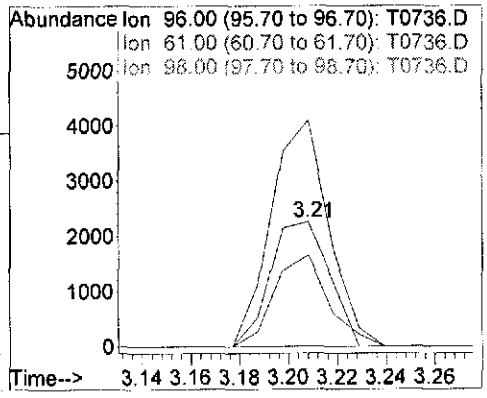


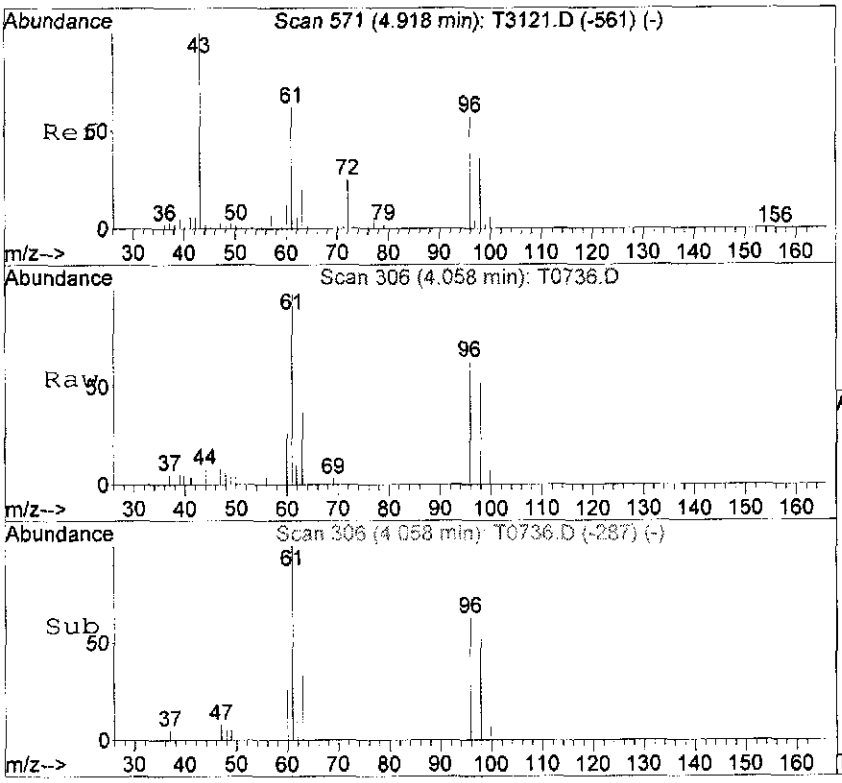


#18
C057 trans-1,2-Dichloroethene
Concen: 0.80 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 96 Resp: 3790

Ion	Ratio	Lower	Upper
96	100		
61	181.8	167.6	207.6
98	73.5	44.0	84.0

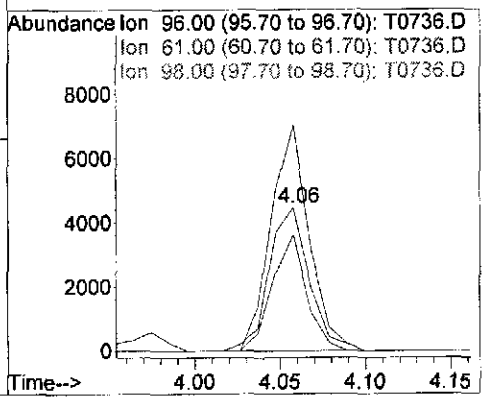


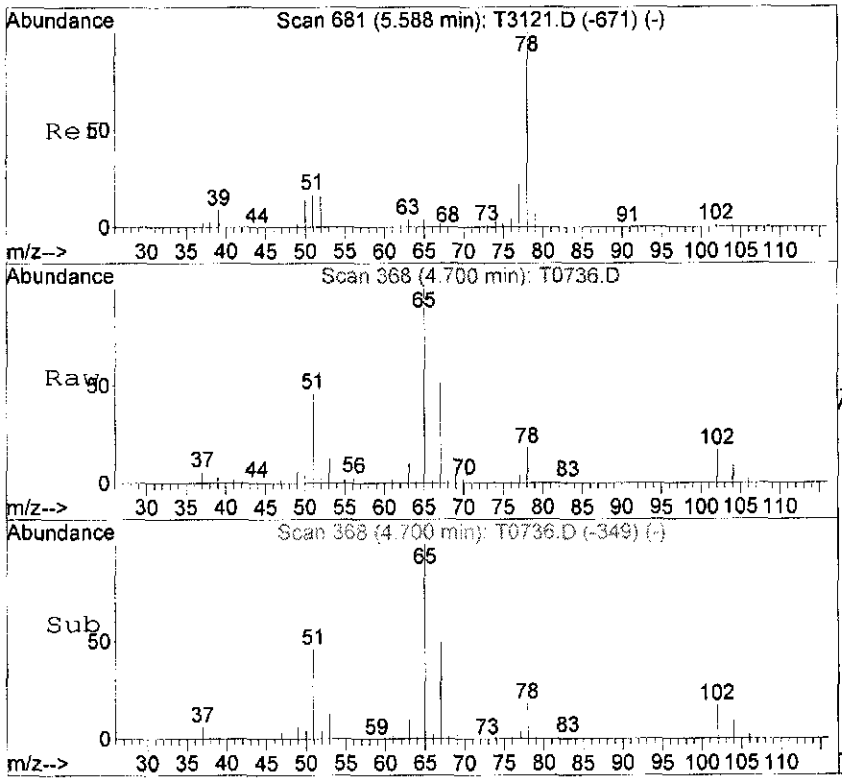


#23
C056 cis-1,2-Dichloroethene
Concen: 1.44 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 96 Resp: 7268

Ion	Ratio	Lower	Upper
96	100		
61	157.6	152.8	192.8
98	81.4	44.6	84.6

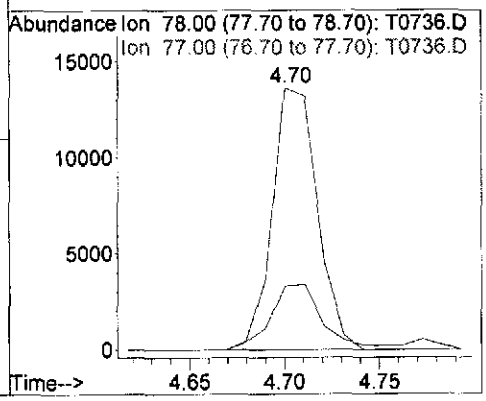


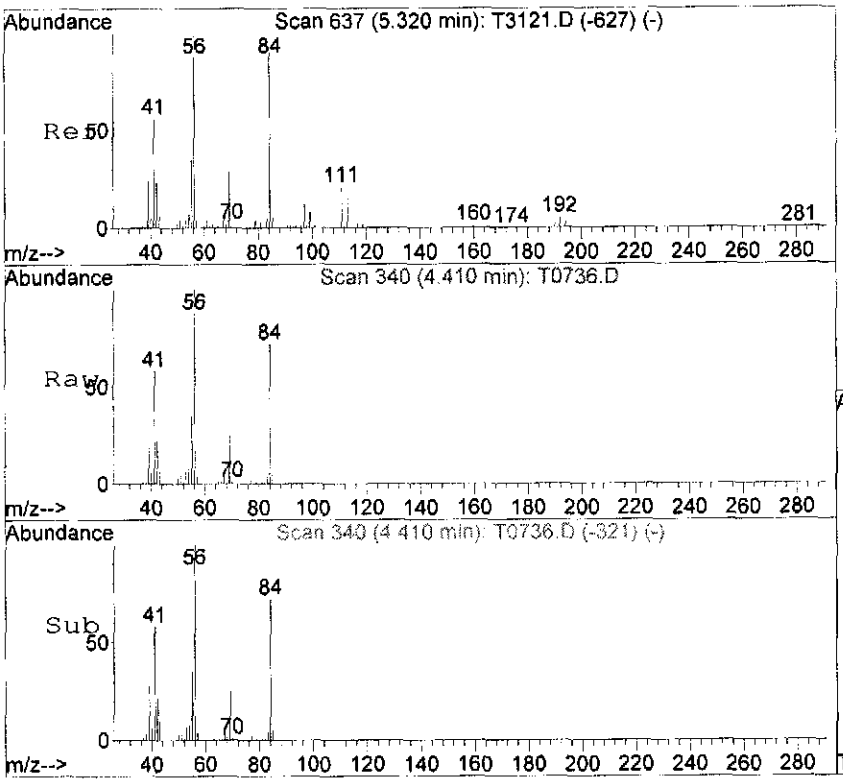


#31
C165 Benzene
Concen: 1.18 ug/L
RT: 4.70 min Scan# 368
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 78 Resp: 22467

Ion	Ratio	Lower	Upper
78	100		
77	24.3	3.1	43.1

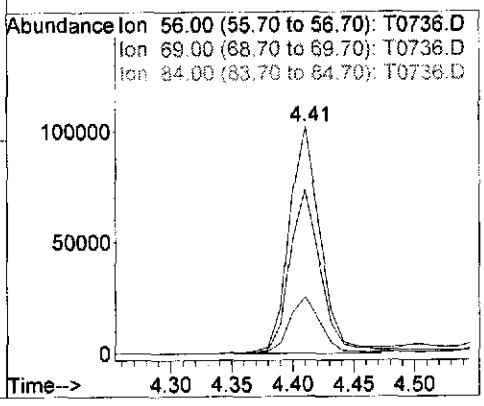


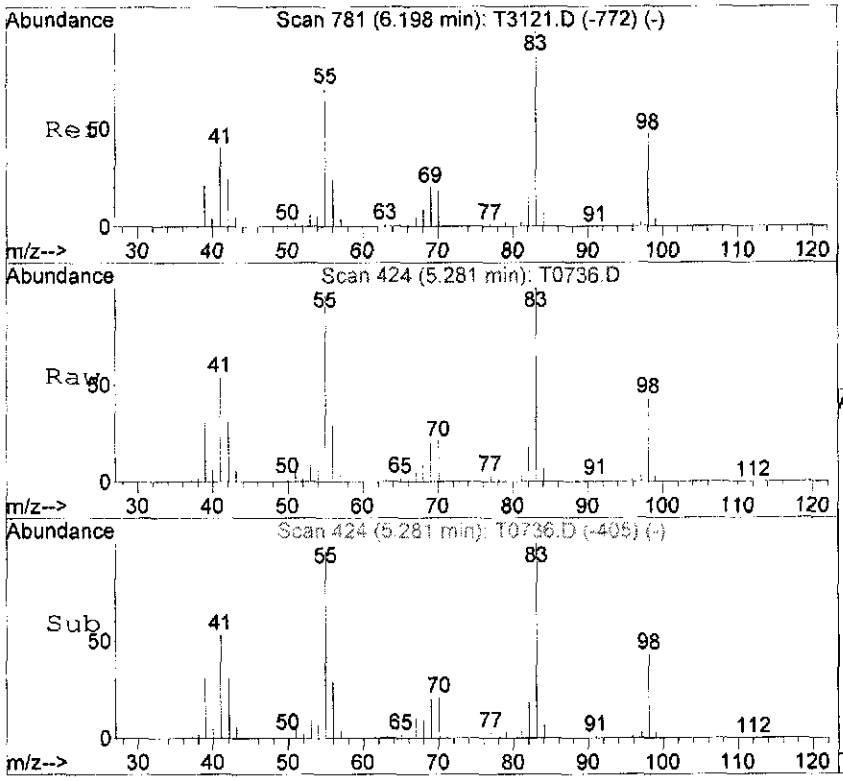


#34
C256 Cyclohexane
Concen: 25.69 ug/L
RT: 4.41 min Scan# 340
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 56 Resp: 182649

Ion	Ratio	Lower	Upper
56	100		
69	24.6	18.0	27.0
84	75.7	50.7	76.1

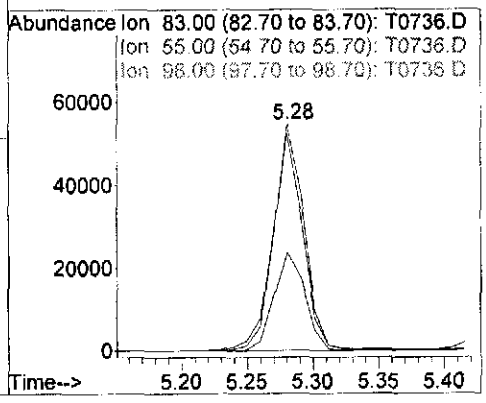


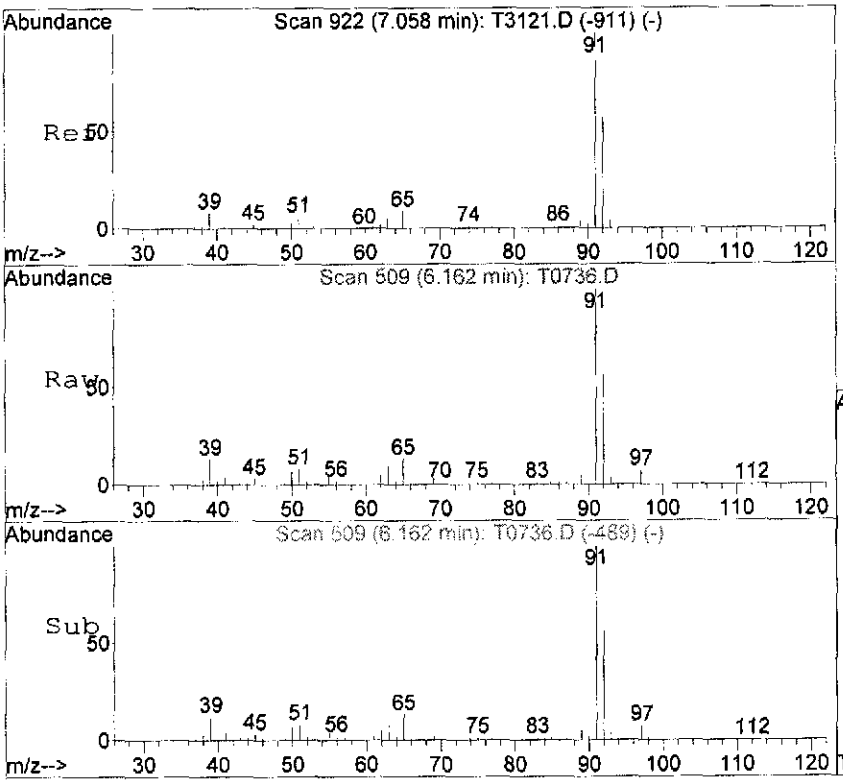


#40
C012 Methylcycolhexane
Concen: 11.64 ug/L
RT: 5.28 min Scan# 424
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 83 Resp: 87081

Ion	Ratio	Lower	Upper
83	100		
55	96.9	84.5	126.7
98	44.4	34.7	52.1

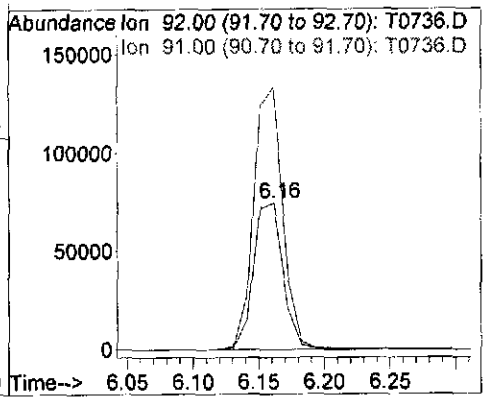


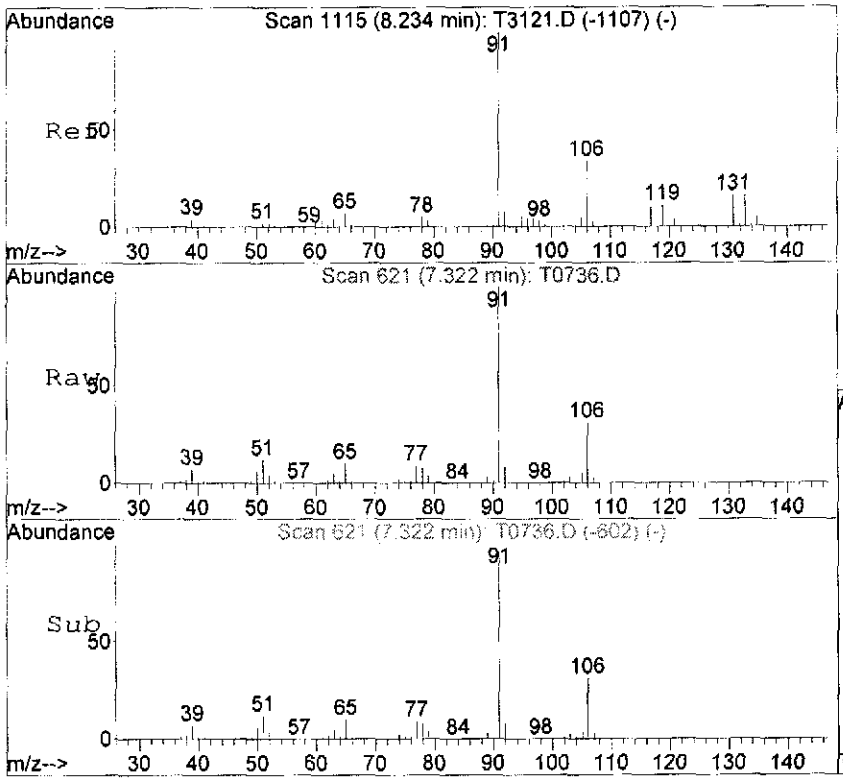


#44
C230 Toluene
Concen: 10.35 ug/L
RT: 6.16 min Scan# 509
Delta R.T. 0.01 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 92 Resp: 116576

Ion	Ratio	Lower	Upper
92	100		
91	179.2	151.4	191.4

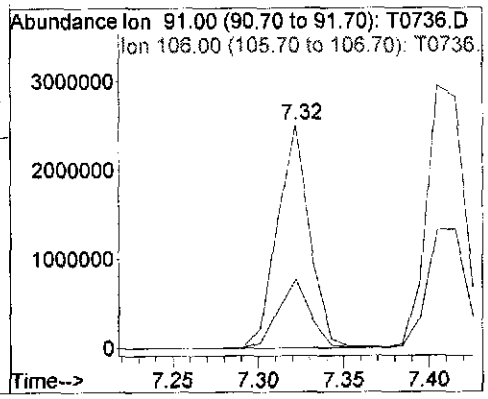


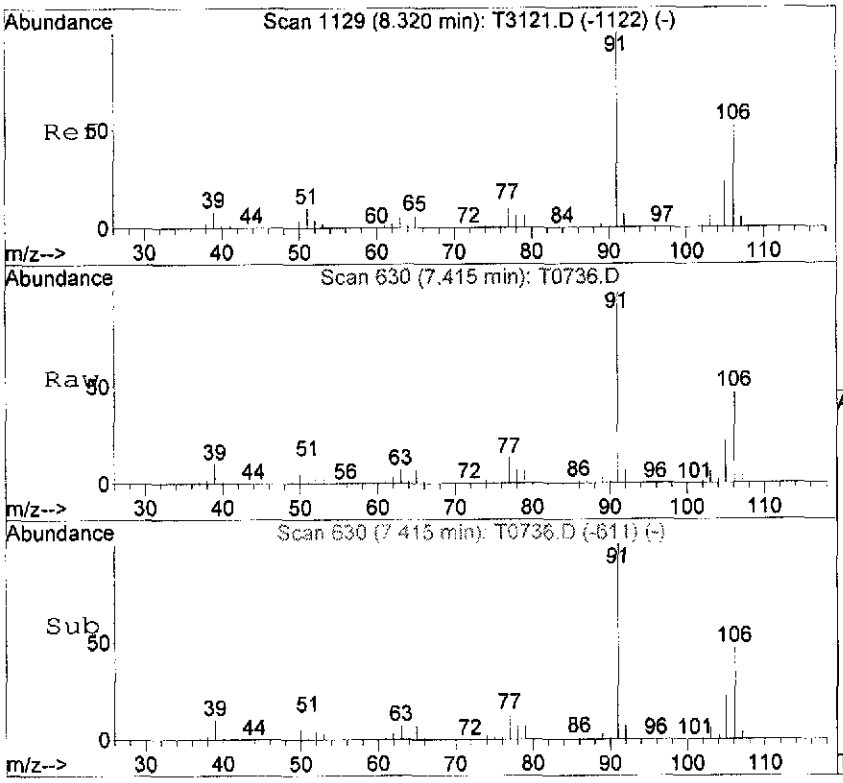


#56
C240 Ethylbenzene
Concen: 157.26 ug/L
RT: 7.32 min Scan# 621
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 91 Resp: 3284598

Ion	Ratio	Lower	Upper
91	100		
106	30.6	11.1	51.1

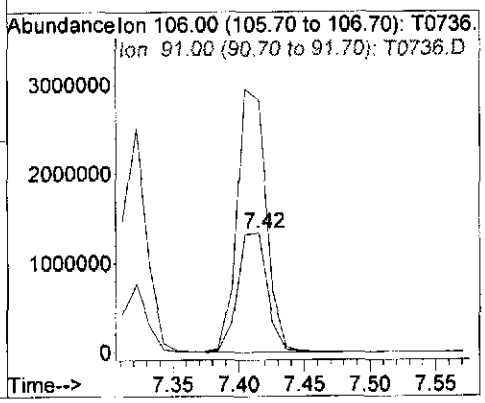


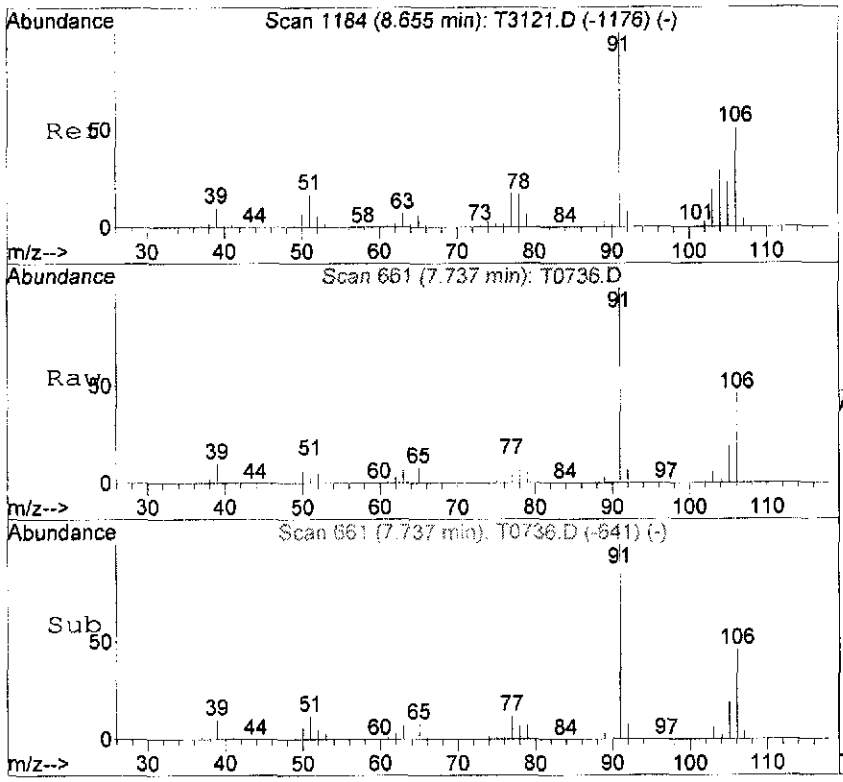


#57
C246 m,p-Xylene
Concen: 267.75 ug/L
RT: 7.42 min Scan# 630
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:106 Resp: 2099317

Ion	Ratio	Lower	Upper
106	100		
91	211.5	189.6	229.6

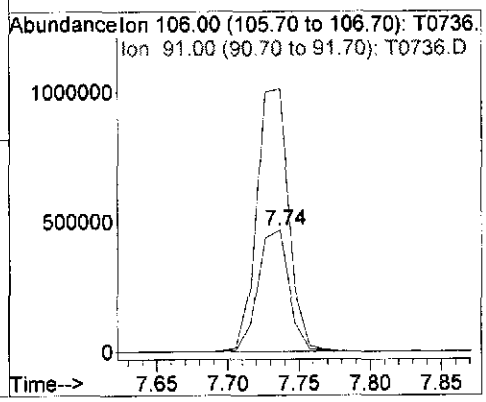


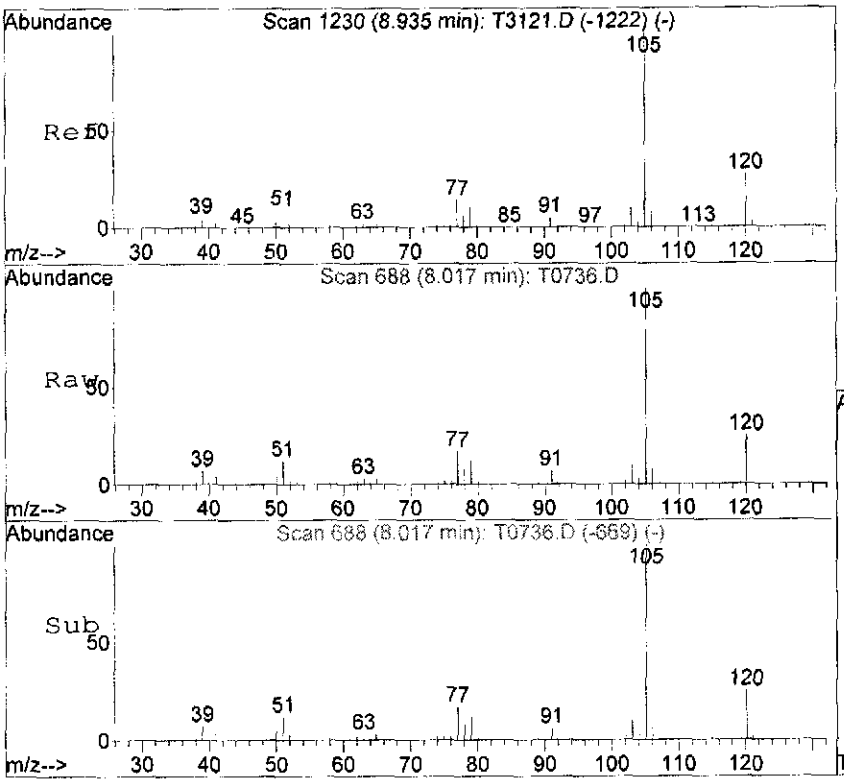


#58
C247 o-Xylene
Concen: 93.33 ug/L
RT: 7.74 min Scan# 661
Delta R.T. 0.01 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:106 Resp: 709981

Ion	Ratio	Lower	Upper
106	100		
91	217.0	192.1	232.1

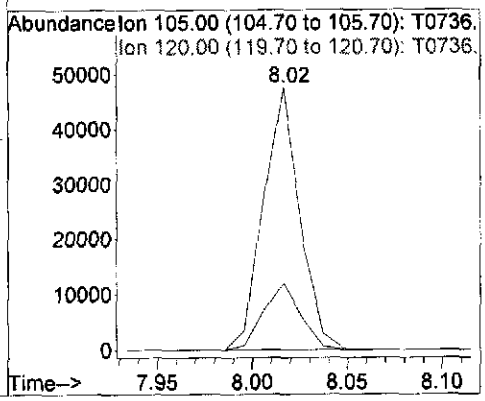


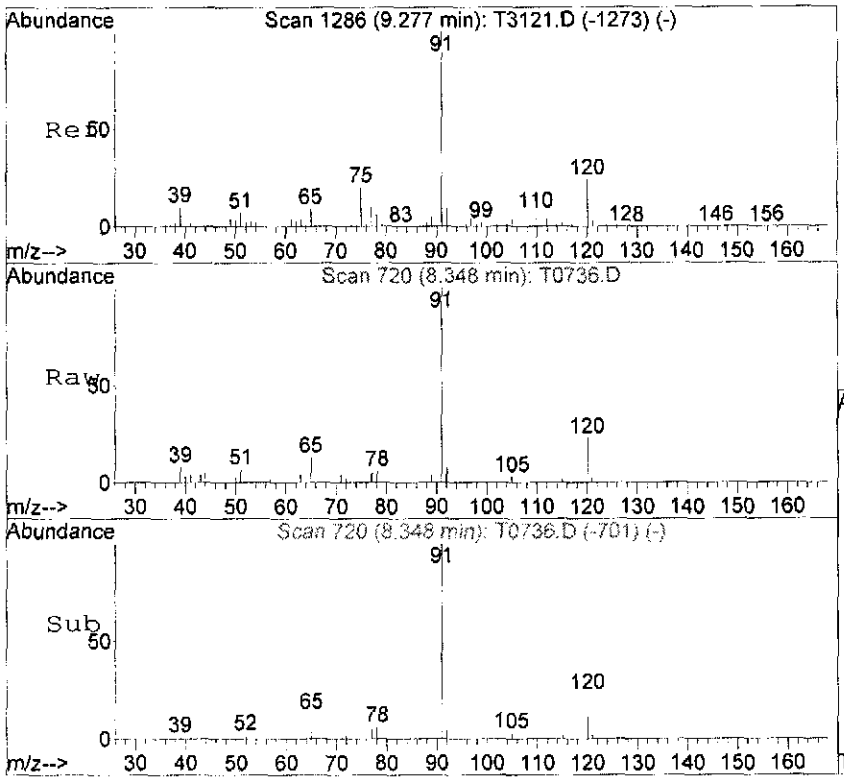


#63
C966 Isopropylbenzene
Concen: 2.99 ug/L
RT: 8.02 min Scan# 688
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:105 Resp: 62991

Ion	Ratio	Lower	Upper
105	100		
120	25.2	5.8	45.8

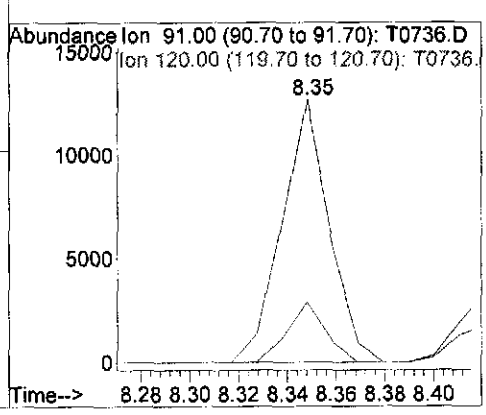


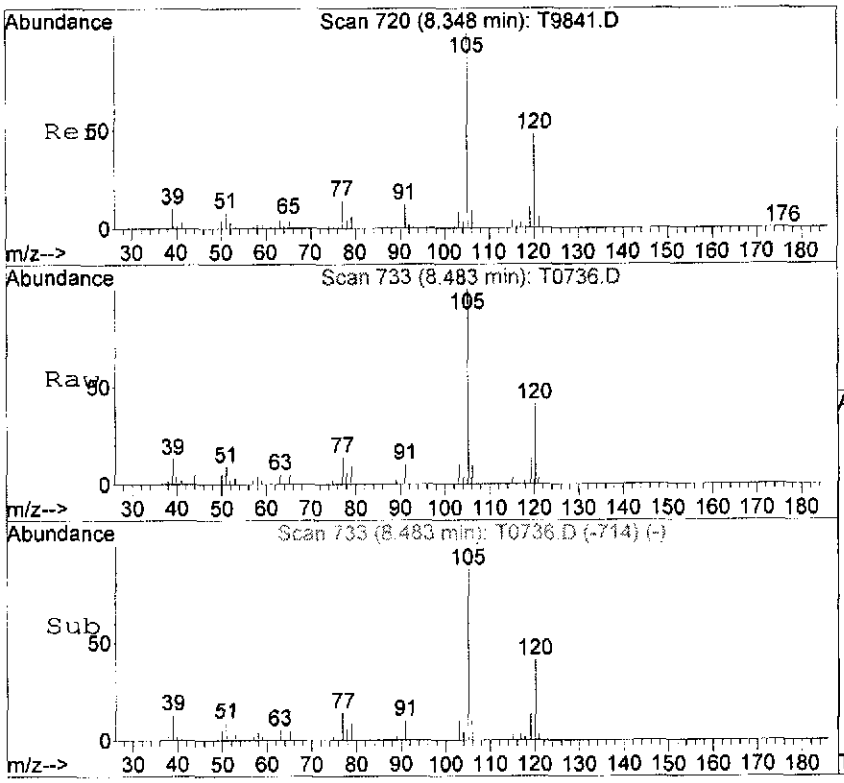


#68
C302 n-Propylbenzene
Concen: 0.64 ug/L
RT: 8.35 min Scan# 720
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion: 91 Resp: 16961

Ion	Ratio	Lower	Upper
91	100		
120	22.9	1.4	41.4

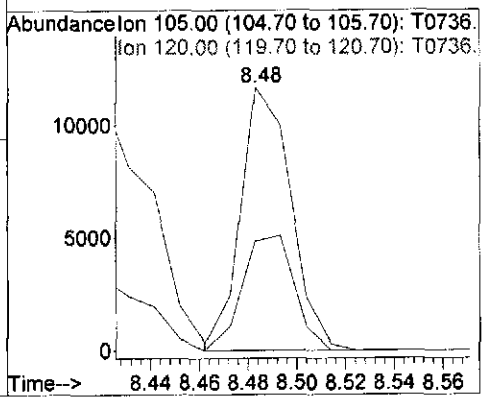


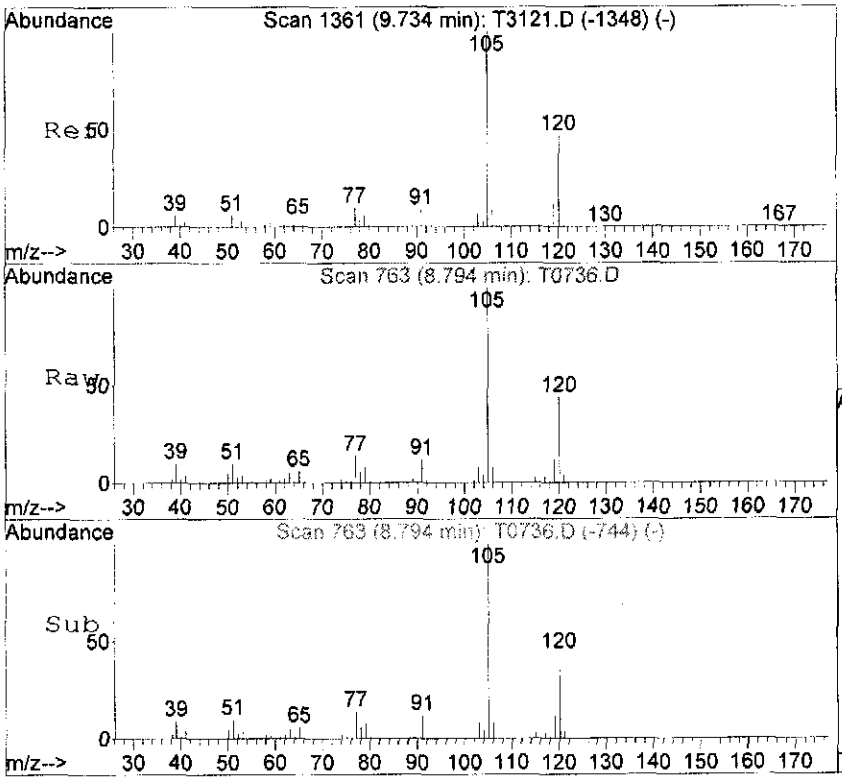


#71
C304 1,3,5-Trimethylbenzene
Concen: 0.93 ug/L
RT: 8.48 min Scan# 733
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:105 Resp: 16658

Ion	Ratio	Lower	Upper
105	100		
120	41.4	26.1	66.1

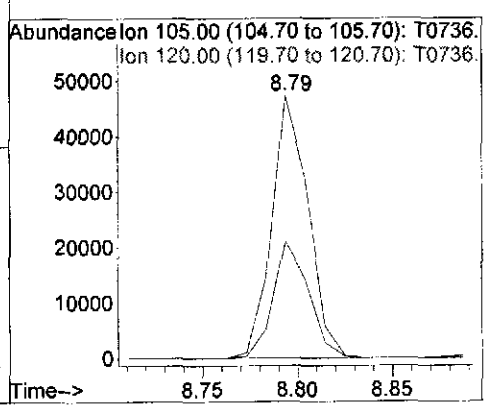


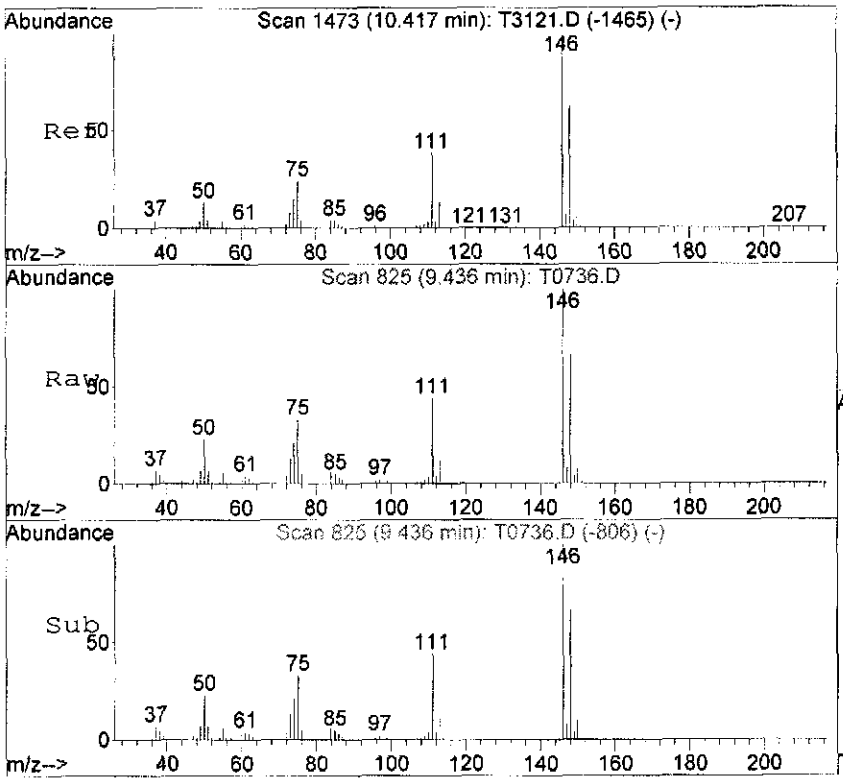


#73
C307 1,2,4-Trimethylbenzene
Concen: 3.47 ug/L
RT: 8.79 min Scan# 763
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:105 Resp: 62942

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	62.1

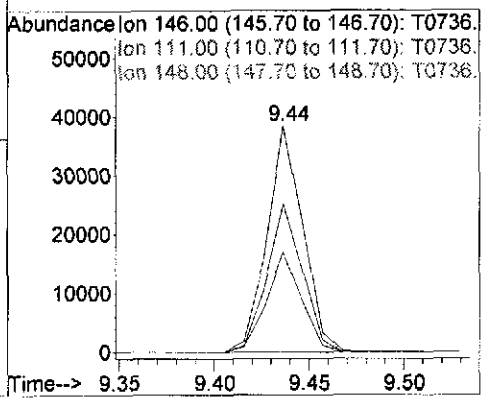




#78
C249 1,2-Dichlorobenzene
Concen: 5.42 ug/L
RT: 9.44 min Scan# 825
Delta R.T. 0.00 min
Lab File: T0736.D
Acq: 9 Jul 2010 16:16

Tgt Ion:146 Resp: 50265

Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.9	59.9
148	65.6	45.9	85.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (10-12)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-11RE1 File ID: T0772.D

Sampled: 07/07/10 09:20 Prepared: 07/10/10 11:19 Analyzed: 07/10/10 17:54

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0611 Sequence: T003080 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	4	4.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	4	4.0	UD
79-00-5	1,1,2-Trichloroethane	4	4.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	4	4.0	UD
75-34-3	1,1-Dichloroethane	4	4.0	UD
75-35-4	1,1-Dichloroethene	4	4.0	UD
120-82-1	1,2,4-Trichlorobenzene	4	4.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	4	4.0	UD
106-93-4	1,2-Dibromoethane (EDB)	4	4.0	UD
95-50-1	1,2-Dichlorobenzene	4	5.5	D
107-06-2	1,2-Dichloroethane	4	4.0	UD
540-59-0	1,2-Dichloroethene, Total	4	8.0	UD
78-87-5	1,2-Dichloropropane	4	4.0	UD
541-73-1	1,3-Dichlorobenzene	4	4.0	UD
106-46-7	1,4-Dichlorobenzene	4	4.0	UD
78-93-3	2-Butanone (MEK)	4	40	UD
591-78-6	2-Hexanone	4	20	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	4	20	UD
67-64-1	Acetone	4	40	UD
71-43-2	Benzene	4	4.0	UD
75-27-4	Bromodichloromethane	4	4.0	UD
75-25-2	Bromoform	4	4.0	UD
74-83-9	Bromomethane	4	4.0	UD
75-15-0	Carbon disulfide	4	4.0	UD
56-23-5	Carbon Tetrachloride	4	4.0	UD
108-90-7	Chlorobenzene	4	4.0	UD
124-48-1	Chlorodibromomethane	4	4.0	UD
75-00-3	Chloroethane	4	4.0	UD
67-66-3	Chloroform	4	4.0	UD
74-87-3	Chloromethane	4	4.0	UD
156-59-2	cis-1,2-Dichloroethene	4	4.0	UD
10061-01-5	cis-1,3-Dichloropropene	4	4.0	UD
110-82-7	Cyclohexane	4	25	D
75-71-8	Dichlorodifluoromethane	4	4.0	UD
100-41-4	Ethylbenzene	4	150	D
98-82-8	Isopropylbenzene	4	4.0	UD
79-20-9	Methyl Acetate	4	4.0	UD
1634-04-4	Methyl tert-Butyl Ether	4	4.0	UD
108-87-2	Methylcyclohexane	4	11	D

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-8 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-11RE1	File ID:	T0772.D
Sampled:	07/07/10 09:20	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 17:54
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	4	4.0	UD
100-42-5	Styrene	4	4.0	UD
127-18-4	Tetrachloroethene	4	4.0	UD
108-88-3	Toluene	4	11	D
156-60-5	trans-1,2-Dichloroethene	4	4.0	UD
10061-02-6	trans-1,3-Dichloropropene	4	4.0	UD
79-01-6	Trichloroethene	4	4.0	UD
75-69-4	Trichlorofluoromethane	4	4.0	UD
75-01-4	Vinyl chloride	4	4.0	UD
1330-20-7	Xylenes, total	4	340	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.4	94	66 - 137	D
4-Bromofluorobenzene	25.0	21.7	87	73 - 120	D
Toluene-d8	25.0	22.4	89	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	108985	9.1	147631	9.1	
1,4-Difluorobenzene	250063	5.01	330596	5.01	
Chlorobenzene-d5	211962	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0772.D Vial: 20
Acq On : 10 Jul 2010 17:54 Operator: NMD
Sample : RTG0721-11RE1@4X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:41:58 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

STE 7/13/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	250063	25.00	ug/L	0.00 75.64%
42) CI20	Chlorobenzene-D5	7.23	117	211962	25.00	ug/L	0.00 74.92%
61) CI30	1,4-Dichlorobenzene-	9.10	152	108985	25.00	ug/L	0.00 73.82%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	124758	23.41	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	93.64%		
43) CS05	Toluene-D8	6.11	98	311690	22.37	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.48%		
60) CS10	p-Bromofluorobenzene	8.17	174	83793	21.69	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.76%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.16	85	225	N.D.		
3) C010	Chloromethane	1.35	50	280	N.D.		
4) C020	Vinyl chloride	1.42	62	1584	N.D.		
5) C015	Bromomethane	1.75	94	134	N.D.		
6) C025	Chloroethane	1.80	64	126	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.00	84	617	N.D.		
10) C040	Carbon disulfide	2.69	76	823	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	1849	N.D.		
14) C300	Acetonitrile	2.93	41	7304	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.20	96	941	N.D.		
19) C255	Methyl Acetate	2.93	43	~~18332~~	~~1.94~~	~~ug/L~~ #	65
20) C050	1,1-Dichloroethane	3.58	63	501	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.06	96	2155	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.41	83	1638	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	5516	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.12	43	153	N.D.		
34) C256	Cyclohexane	4.41	56	42137	6.24	ug/L #	86
35) C150	Trichloroethene	5.19	95	583	N.D.		
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

ann 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0772.D Vial: 20
Acq On : 10 Jul 2010 17:54 Operator: NMD
Sample : RTG0721-11RE1@4X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:41:58 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	19254	2.71	ug/L	96
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	29055	2.68	ug/L	93
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	6.39	69	849	N.D.		
47) C160	1,1,2-Trichloroeth	6.39	83	141	N.D.		
48) C210	4-Methyl-2-pentano	6.02	43	977	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.76	43	503	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	745386	37.05	ug/L	99
57) C246	m,p-Xylene	7.41	106	477439	63.21	ug/L	96
58) C247	o-Xylene	7.73	106	167970	22.92	ug/L	92
59) C245	Styrene	7.73	104	8690	0.72	ug/L #	1
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	8.02	105	14160	0.73	ug/L	95
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	8.35	91	4029	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.48	105	3908	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylbenze	8.79	105	14269	0.86	ug/L	94
74) C308	sec-Butylbenzene	8.79	105	14272	0.70	ug/L	58
75) C260	1,3-Dichlorobenzen	9.05	146	407	N.D.		
76) C309	4-Isopropyltoluene	9.04	119	635	N.D.		
77) C267	1,4-Dichlorobenzen	9.12	146	419	N.D.		
78) C249	1,2-Dichlorobenzene	9.44	146	11733	1.38	ug/L	97
79) C310	n-Butylbenzene	9.32	91	376	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.97	128	1345	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

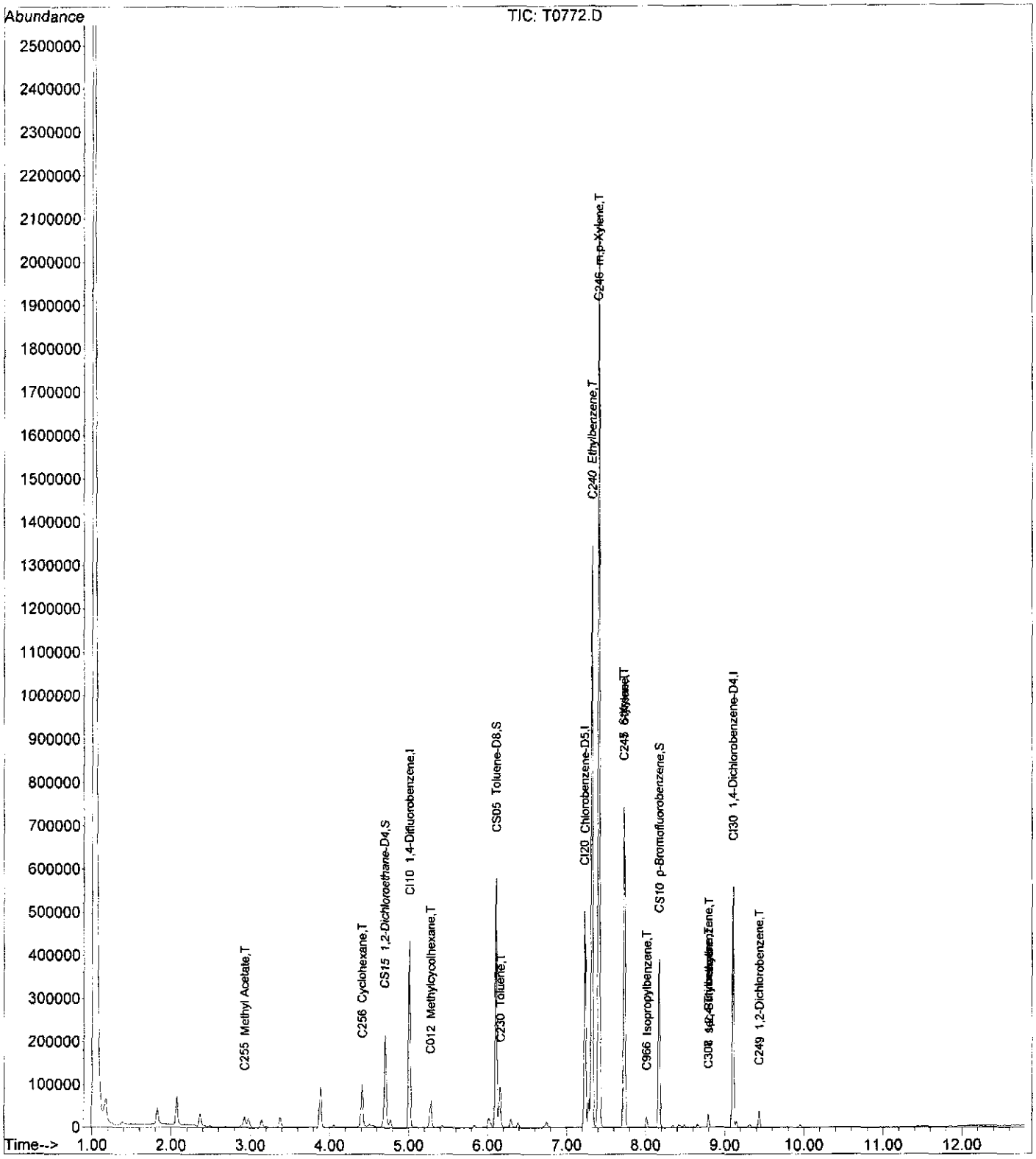
(#) = qualifier out of range (m) = manual integration (+) = signals summed

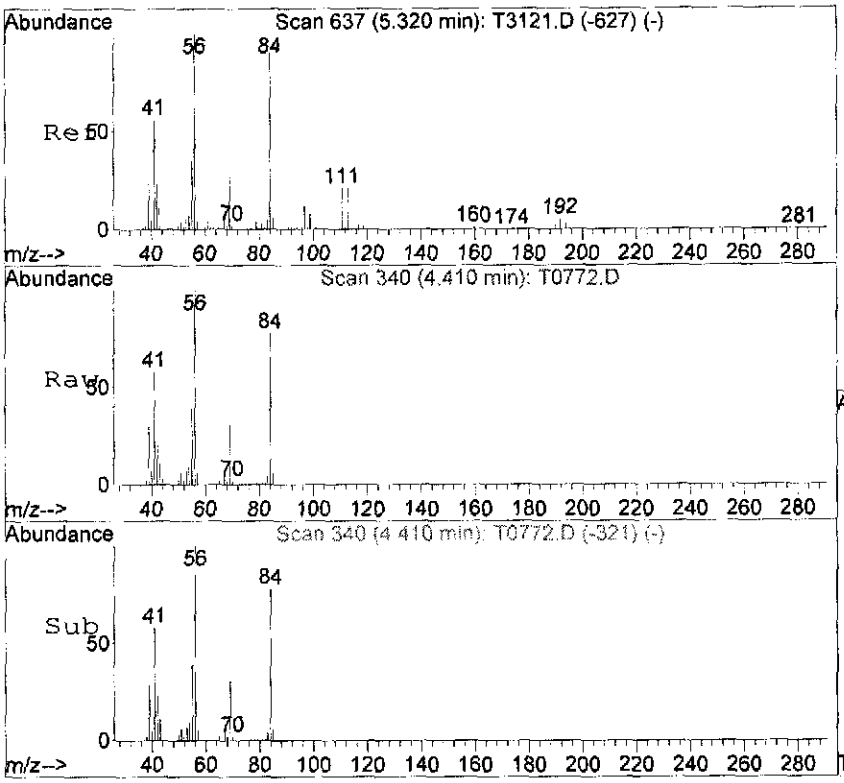
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0772.D
Acq On : 10 Jul 2010 17:54
Sample : RTG0721-11RE1@4X
Misc :
MS Integration Params: RTEINT.P

Vial: 20
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 13 08:41:58 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

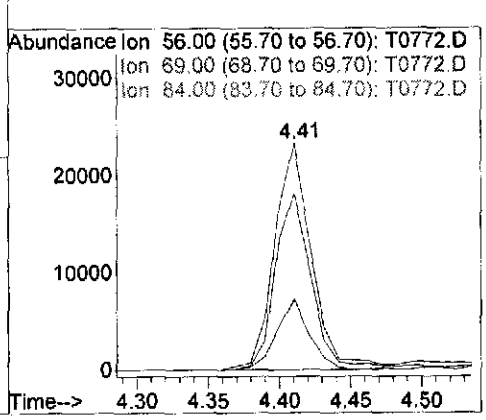


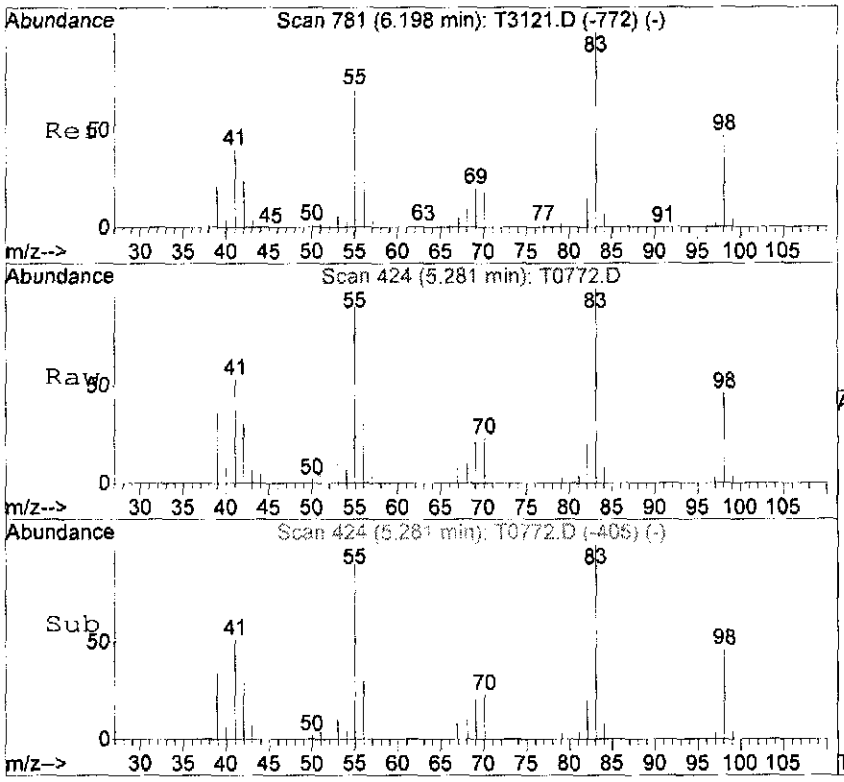


#34
C256 Cyclohexane
Concen: 6.24 ug/L
RT: 4.41 min Scan# 340
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion: 56 Resp: 42137

Ion	Ratio	Lower	Upper
56	100		
69	27.3	18.0	27.0#
84	75.9	50.7	76.1

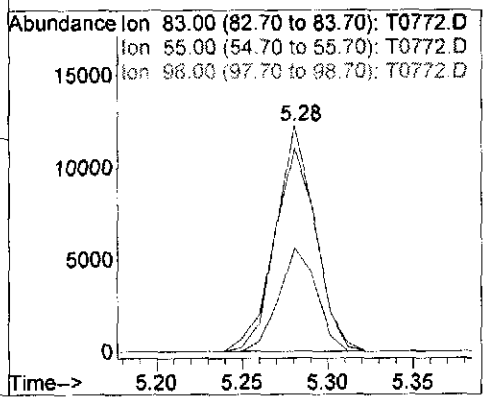


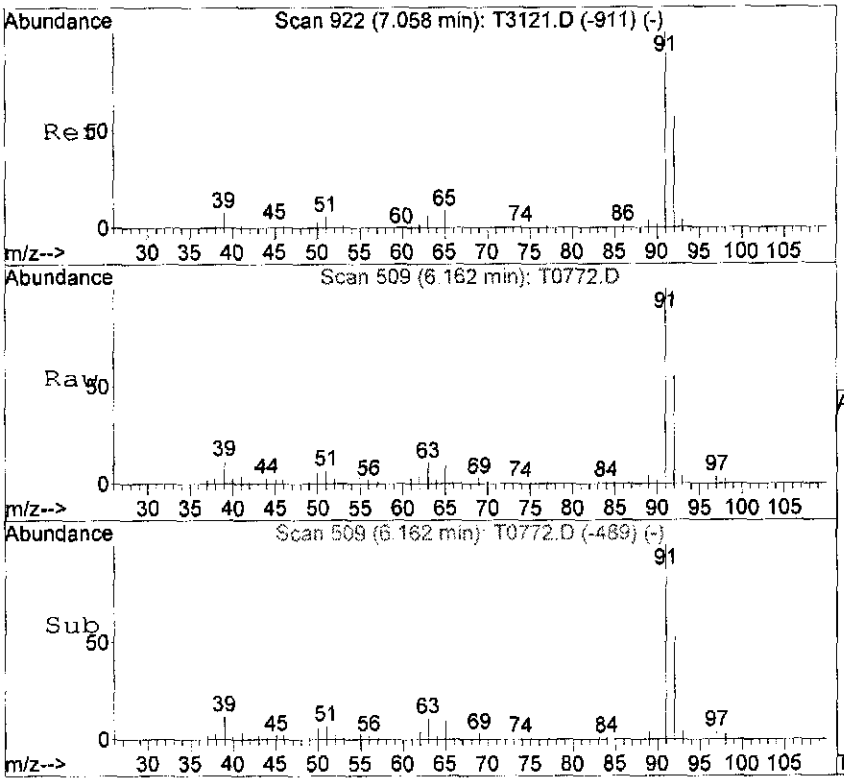


#40
C012 Methylcycolhexane
Concen: 2.71 ug/L
RT: 5.28 min Scan# 424
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion: 83 Resp: 19254

Ion	Ratio	Lower	Upper
83	100		
55	100.0	84.5	126.7
98	44.7	34.7	52.1

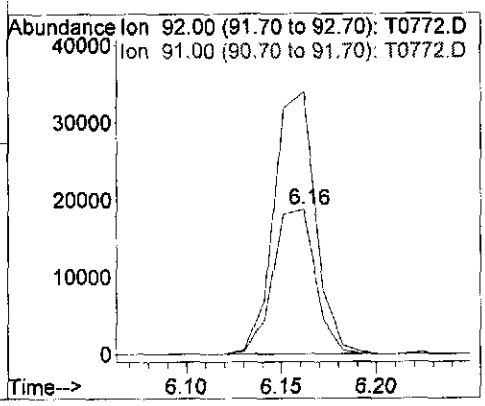


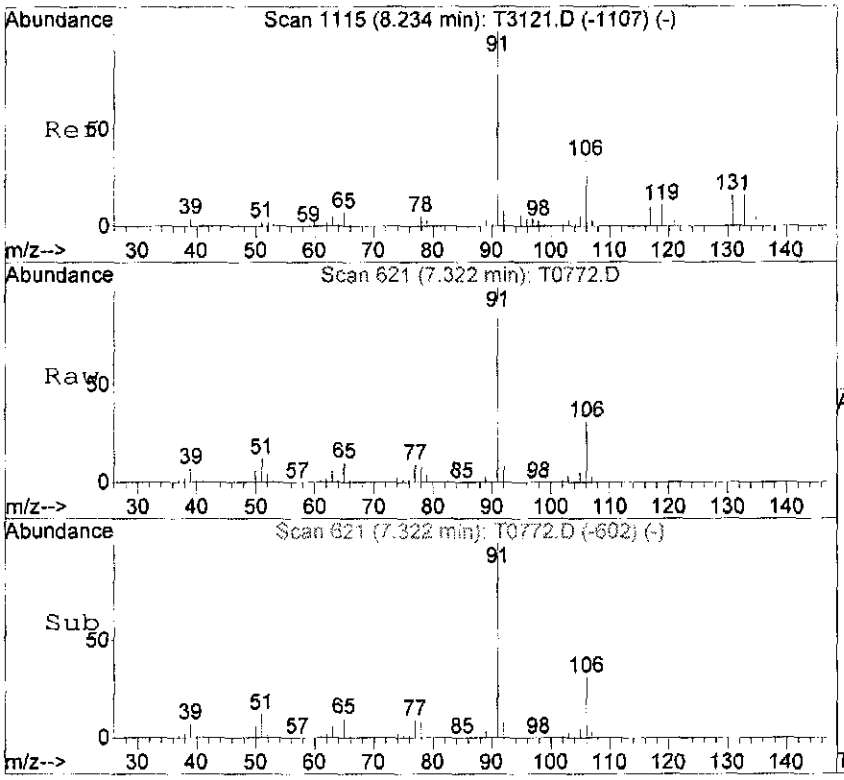


#44
C230 Toluene
Concen: 2.68 ug/L
RT: 6.16 min Scan# 509
Delta R.T. 0.01 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion: 92 Resp: 29055

Ion	Ratio	Lower	Upper
92	100		
91	181.2	151.4	191.4

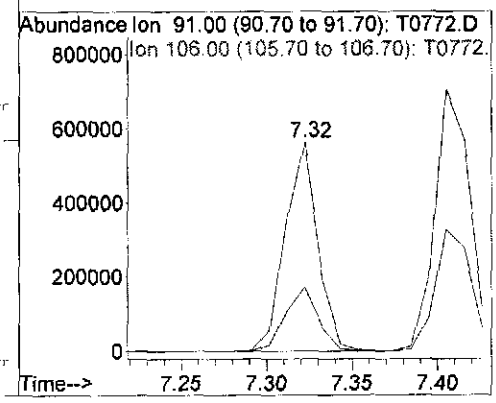


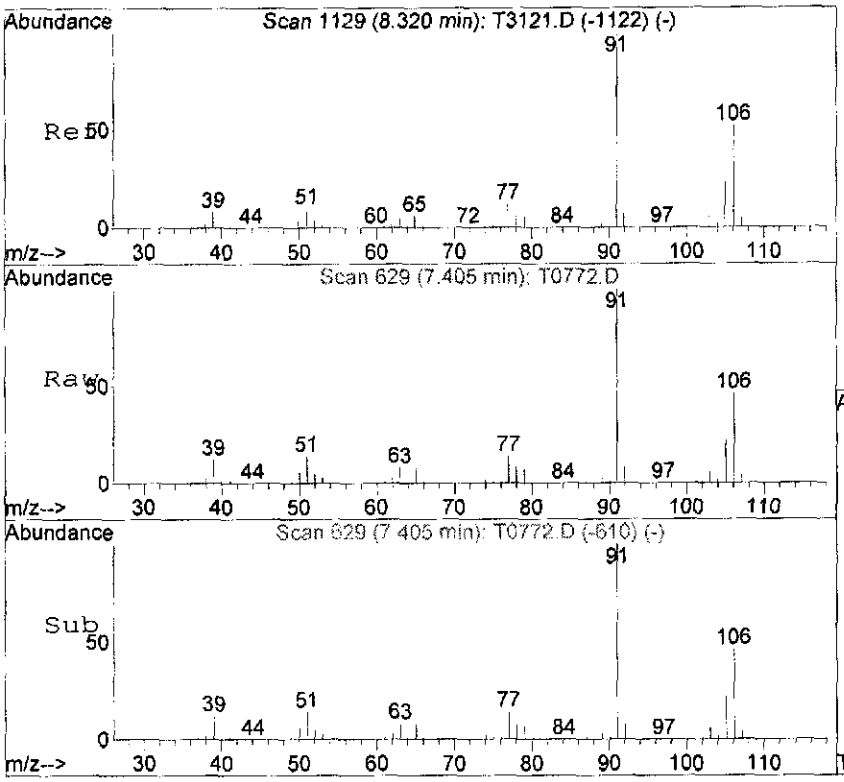


#56
C240 Ethylbenzene
Concen: 37.05 ug/L
RT: 7.32 min Scan# 621
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion: 91 Resp: 745386

Ion	Ratio	Lower	Upper
91	100		
106	30.5	11.1	51.1

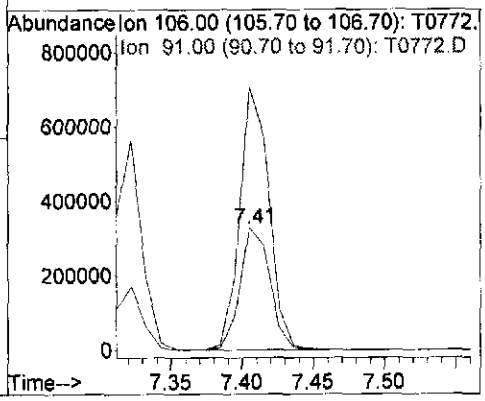


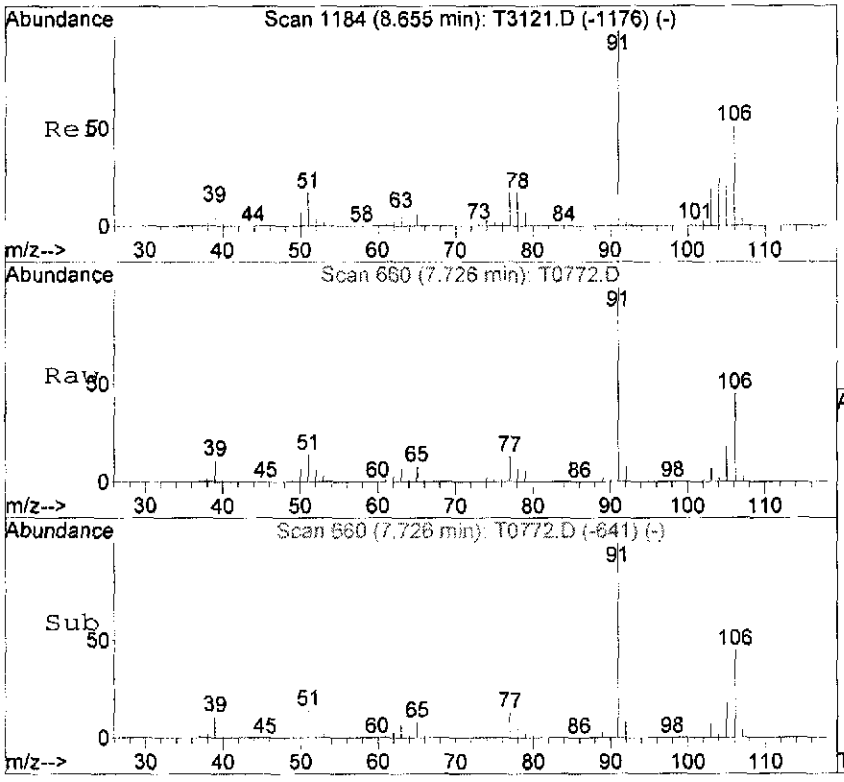


#57
C246 m,p-Xylene
Concen: 63.21 ug/L
RT: 7.41 min Scan# 629
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion:106 Resp: 477439

Ion	Ratio	Lower	Upper
106	100		
91	216.1	189.6	229.6

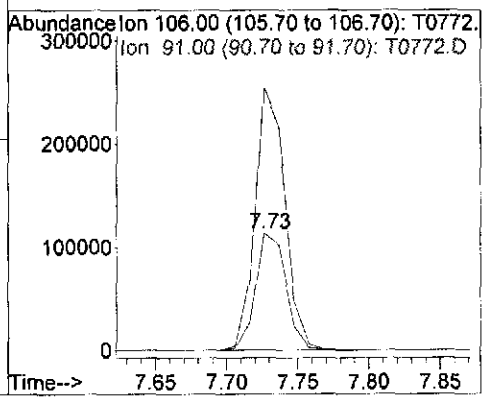


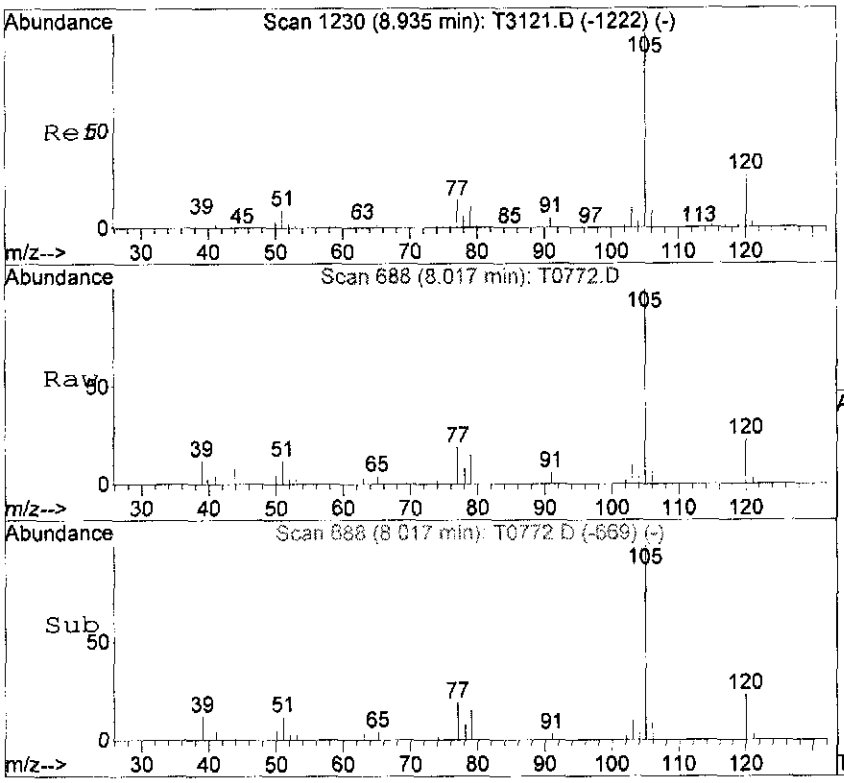


#58
C247 o-Xylene
Concen: 22.92 ug/L
RT: 7.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion:106 Resp: 167970

Ion	Ratio	Lower	Upper
106	100		
91	224.7	192.1	232.1

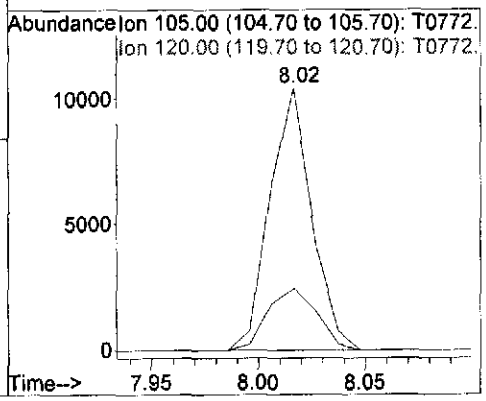


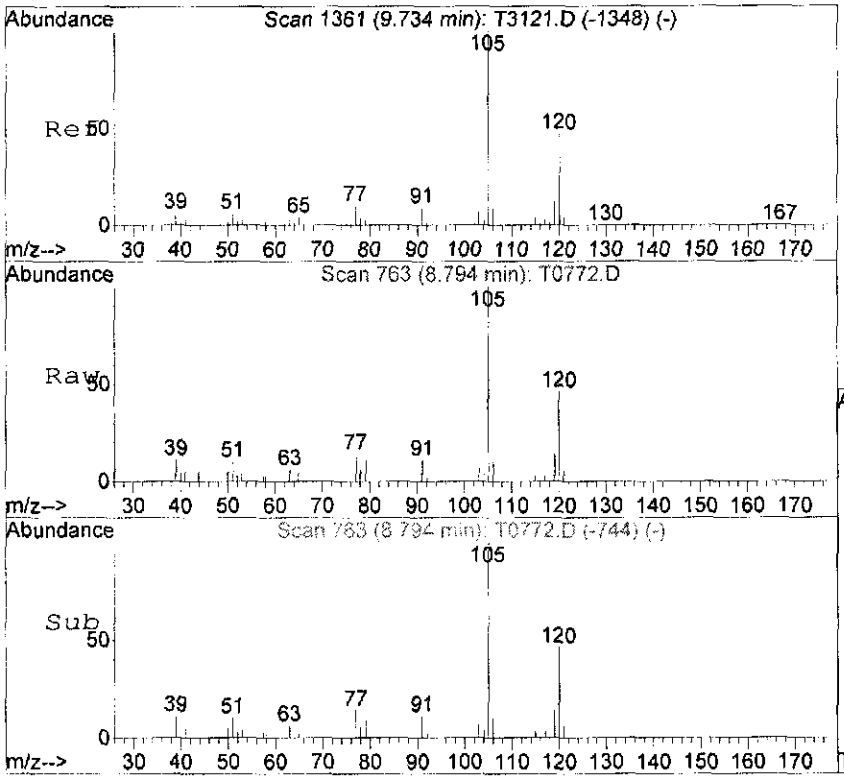


#63
C966 Isopropylbenzene
Concen: 0.73 ug/L
RT: 8.02 min Scan# 688
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion:105 Resp: 14160

Ion	Ratio	Lower	Upper
105	100		
120	23.2	5.8	45.8

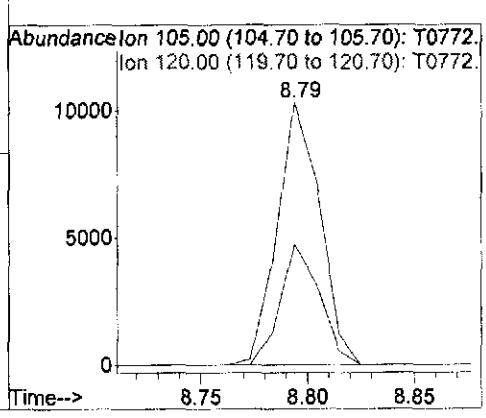


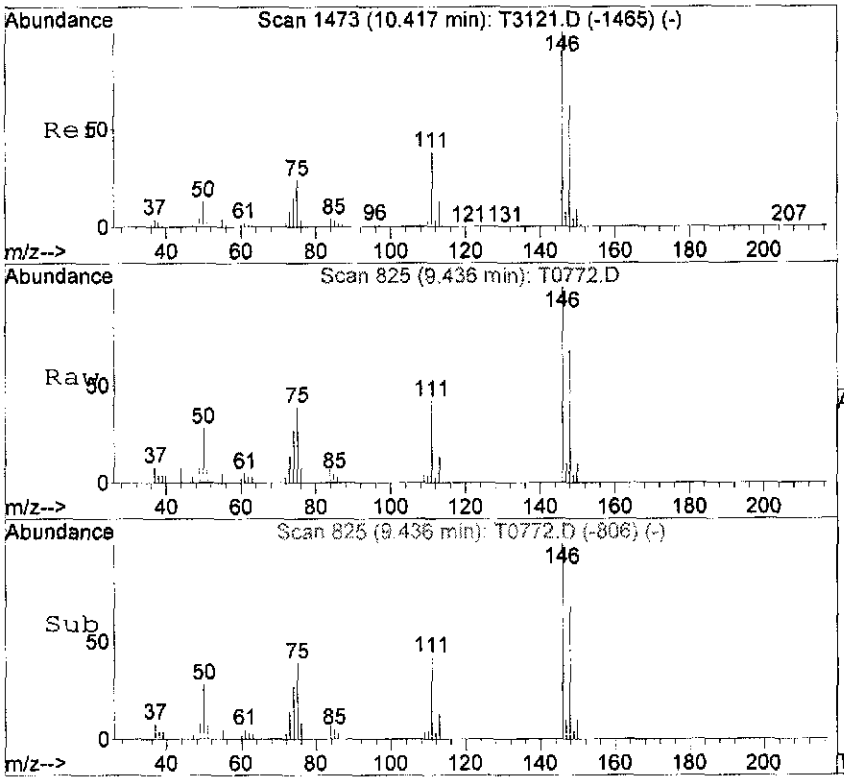


#73
C307 1,2,4-Trimethylbenzene
Concen: 0.86 ug/L
RT: 8.79 min Scan# 763
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion:105 Resp: 14269

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	62.1

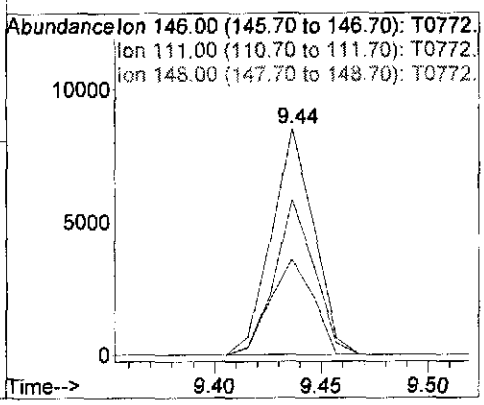




#78
C249 1,2-Dichlorobenzene
Concen: 1.38 ug/L
RT: 9.44 min Scan# 825
Delta R.T. -0.00 min
Lab File: T0772.D
Acq: 10 Jul 2010 17:54

Tgt Ion:146 Resp: 11733

Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.9	59.9
148	68.4	45.9	85.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-12	File ID:	T0737.D
Sampled:	07/07/10 10:45	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 16:40
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	
75-34-3	1,1-Dichloroethane	1	1.5	
75-35-4	1,1-Dichloroethene	1	4.5	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	28	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	2.6	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	27	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-12	File ID:	T0737.D
Sampled:	07/07/10 10:45	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 16:40
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	450	E
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	11	
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.7	91	66 - 137	
4-Bromofluorobenzene	25.0	22.4	90	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	110648	9.1	137661	9.1	
1,4-Difluorobenzene	262807	5.01	308978	5.01	
Chlorobenzene-d5	214891	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0737.D Vial: 17
Acq On : 9 Jul 2010 16:40 Operator: LH
Sample : RTG0721-12 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:55 2010 Results File: R10F094-6PT.RES

RCL e8X

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

5 & 5 ML 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	262807	25.00	ug/L	0.00 85.06%
42) CI20	Chlorobenzene-D5	7.23	117	214891	25.00	ug/L	0.00 80.85%
61) CI30	1,4-Dichlorobenzene-	9.10	152	110648	25.00	ug/L	0.00 80.38%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	127324	22.73	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.92%		
43) CS05	Toluene-D8	6.11	98	331539	23.47	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	93.88%		
60) CS10	p-Bromofluorobenzene	8.17	174	87753	22.41	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	89.64%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	830	N.D.		
4) C020	Vinyl chloride	1.40	62	59066	11.20	ug/L	92
5) C015	Bromomethane	1.73	94	127	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.50	96	17809	4.54	ug/L	88
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	1194	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	4711	N.D.		
14) C300	Acetonitrile	2.93	41	153	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.50	101	2792	1.03	ug/L	70
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.21	96	2804	0.60	ug/L	80
19) C255	Methyl Acetate	2.91	43	573	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	14000	1.52	ug/L	100
21) C125	Vinyl Acetate	~~3.60~~	~~43~~	~~45574~~	~~4.23~~	~~ug/L~~	~~82~~
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	136283	27.09	ug/L	86
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	49109	2.58	ug/L	97
32) C065	1,2-Dichloroethane	4.70	62	438	N.D.		
33) C110	2-Butanone	4.14	43	1081	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	2202606	445.92	ug/L	99
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0737.D Vial: 17
Acq On : 9 Jul 2010 16:40 Operator: LH
Sample : RTG0721-12 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:14:55 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	~~5.19~~	~~83~~	~~27996~~	~~3.75 ug/L #~~	1
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.16	92	798	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	6.10	43	1660	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.32	91	1418	N.D.	
57) C246	m,p-Xylene	7.41	106	1124	N.D.	
58) C247	o-Xylene	7.73	106	293	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	0.00	91	0	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.42	105	152	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.79	105	328	N.D.	
74) C308	sec-Butylbenzene	8.79	105	328	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	0.00	128	0	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

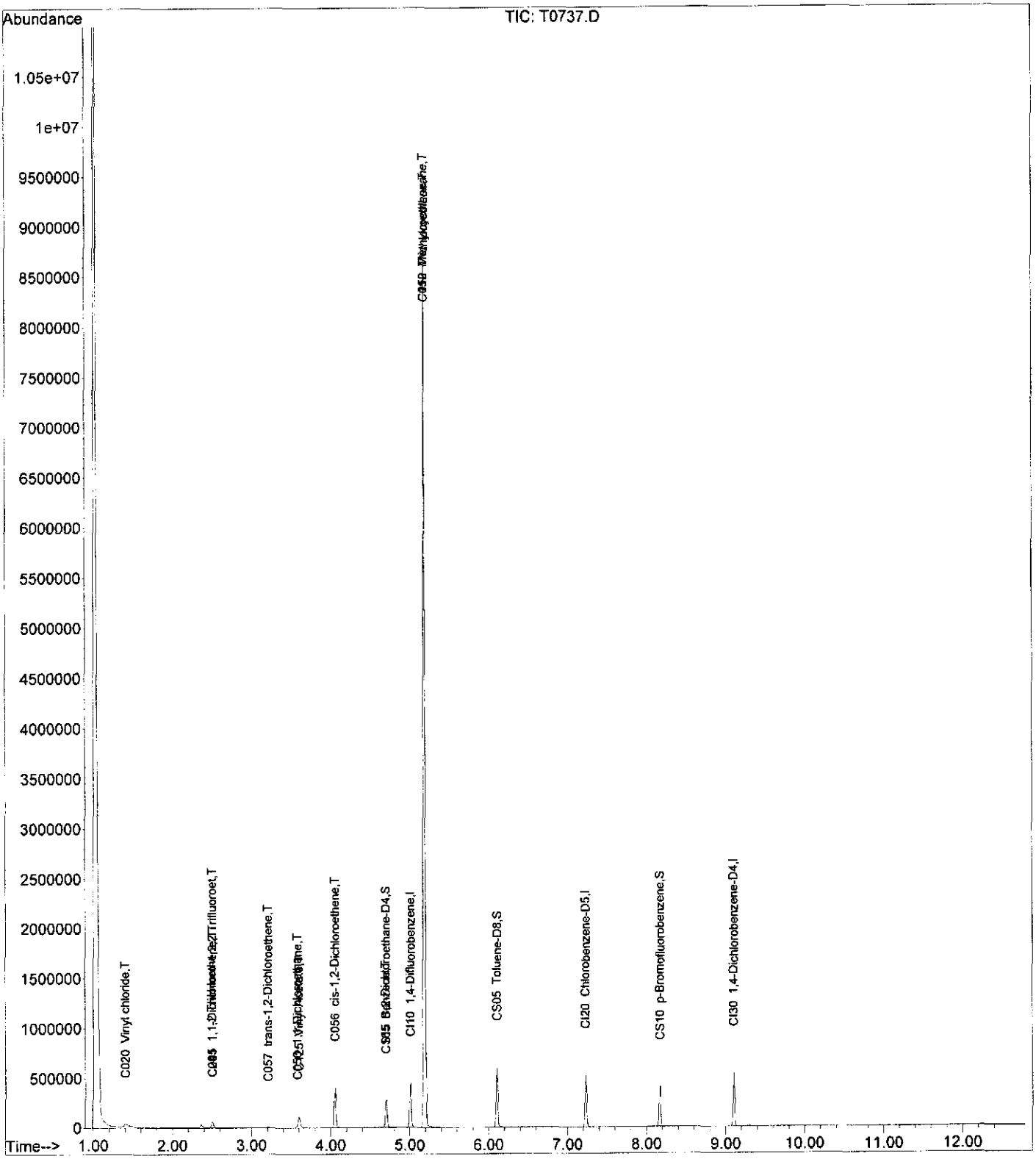
(#) = qualifier out of range (m) = manual integration (+) = signals summed

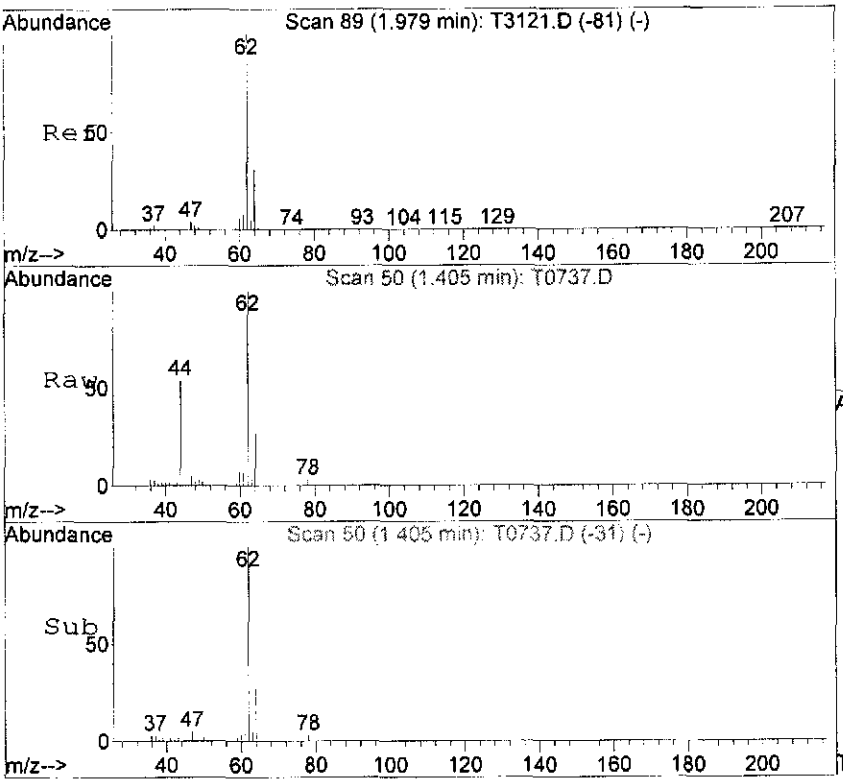
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0737.D
Acq On : 9 Jul 2010 16:40
Sample : RTG0721-12
Misc :
MS Integration Params: RTEINT.P

Vial: 17
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:14:55 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

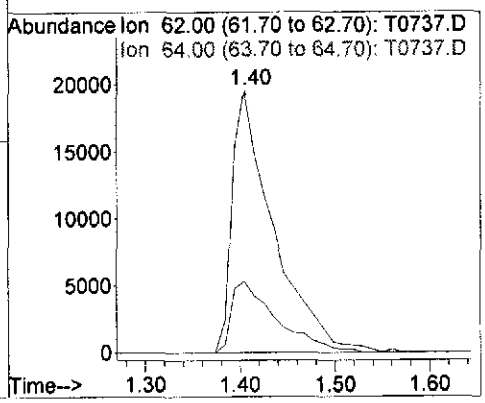


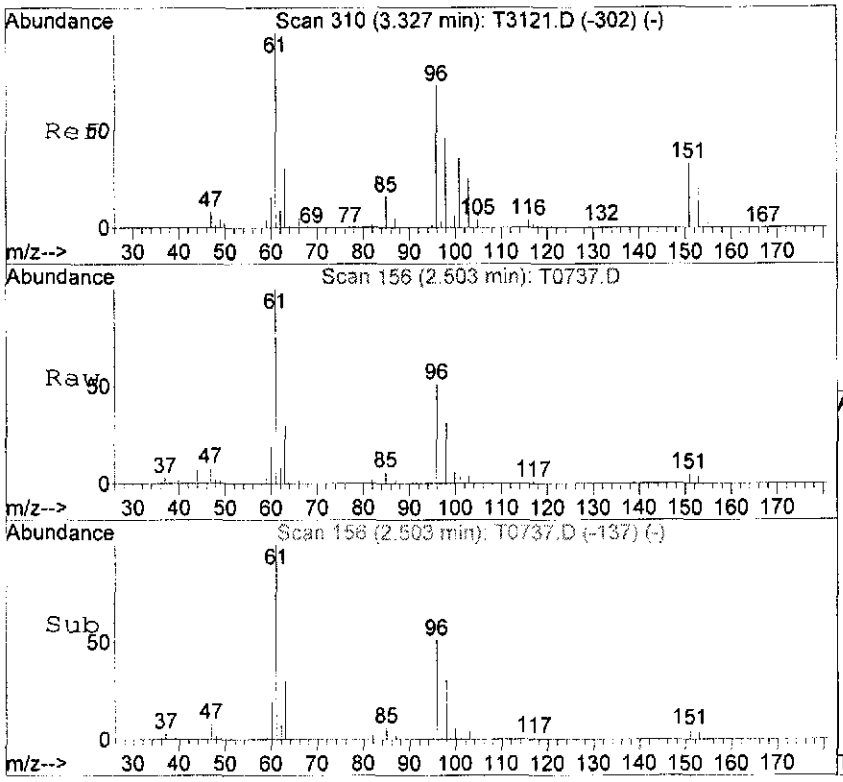


#4
C020 Vinyl chloride
Concen: 11.20 ug/L
RT: 1.40 min Scan# 50
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 62 Resp: 59066

Ion	Ratio	Lower	Upper
62	100		
64	27.2	11.8	51.8

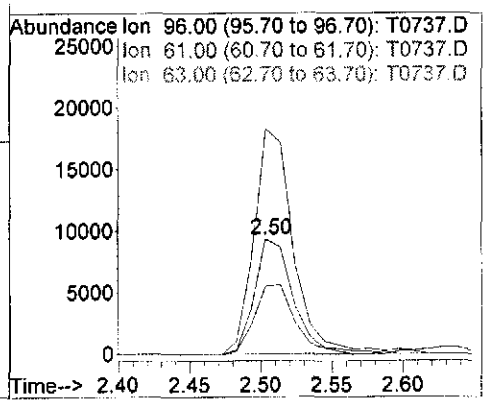


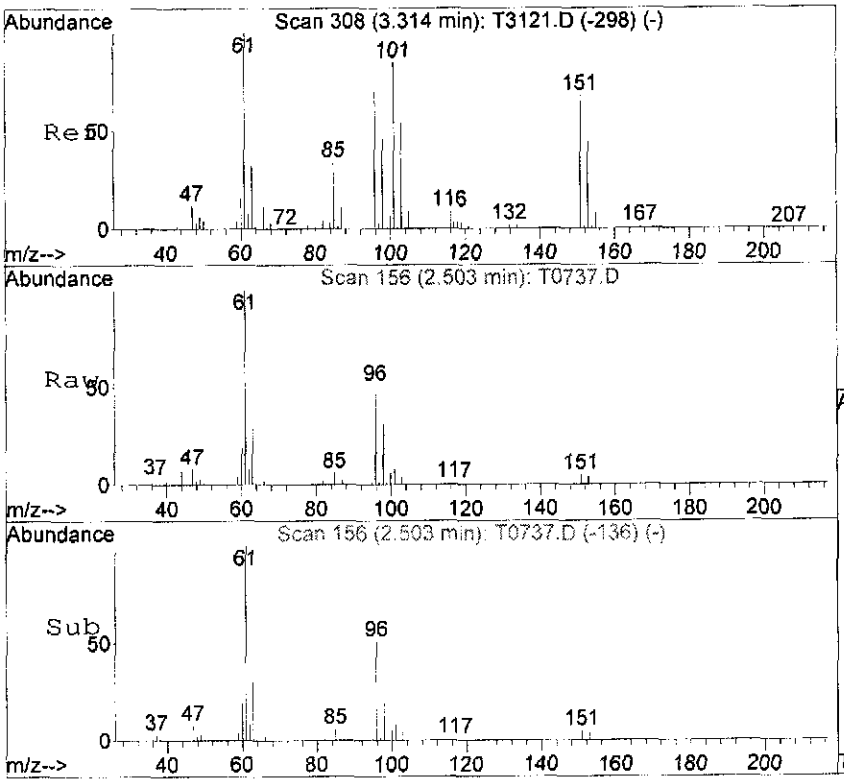


#8
C045 1,1-Dichloroethene
Concen: 4.54 ug/L
RT: 2.50 min Scan# 156
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 96 Resp: 17809

Ion	Ratio	Lower	Upper
96	100		
61	195.9	196.5	236.5#
63	59.2	45.8	85.8

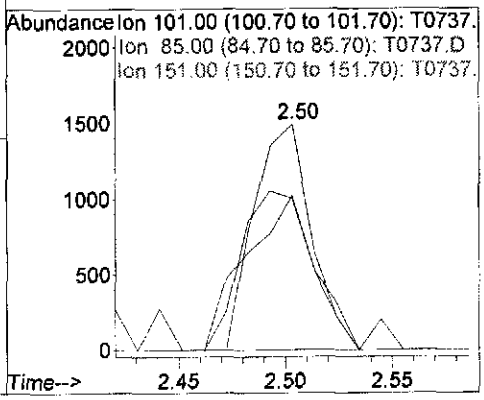


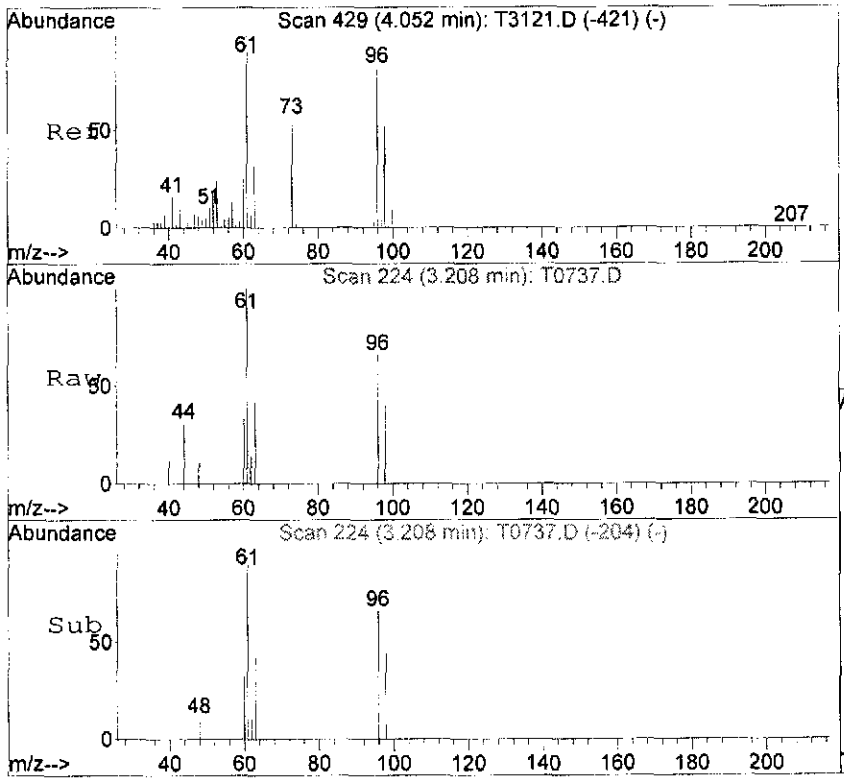


#16
C291 1,1,2 Trichloro-1,2,2 Tr:
Concen: 1.03 ug/L
RT: 2.50 min Scan# 156
Delta R.T. 0.01 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion:101 Resp: 2792

Ion	Ratio	Lower	Upper
101	100		
85	83.5	36.9	55.3#
151	91.3	63.0	94.6

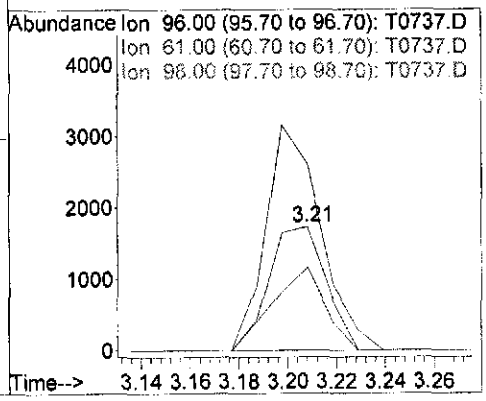


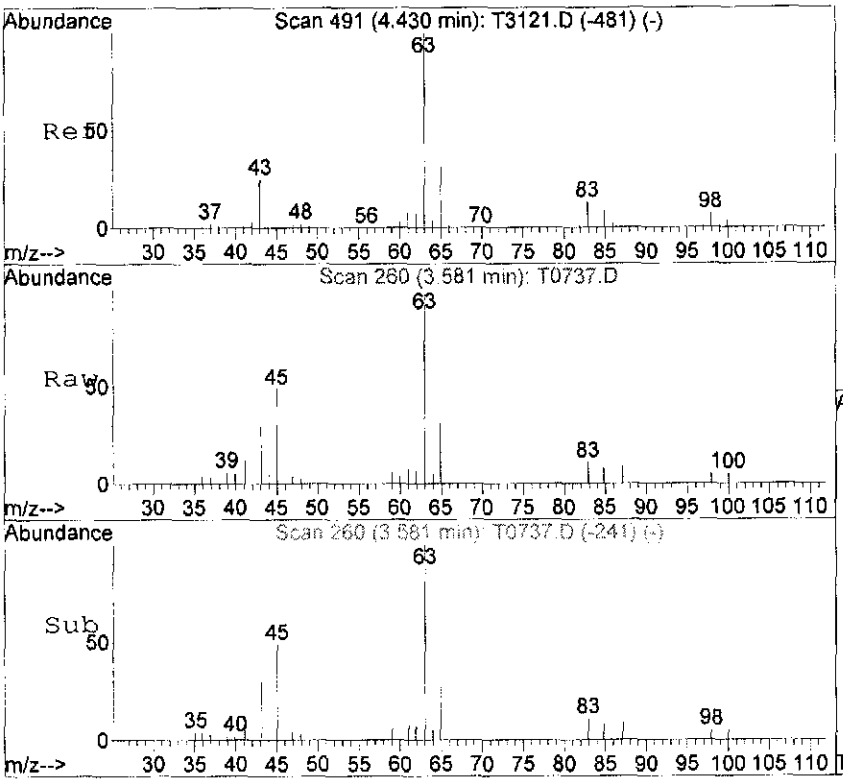


#18
C057 trans-1,2-Dichloroethene
Concen: 0.60 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 96 Resp: 2804

Ion	Ratio	Lower	Upper
96	100		
61	150.8	167.6	207.6#
98	66.9	44.0	84.0

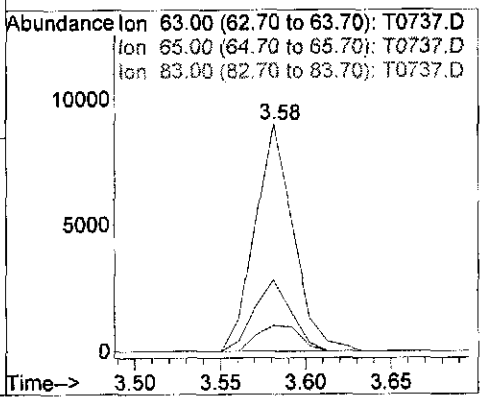


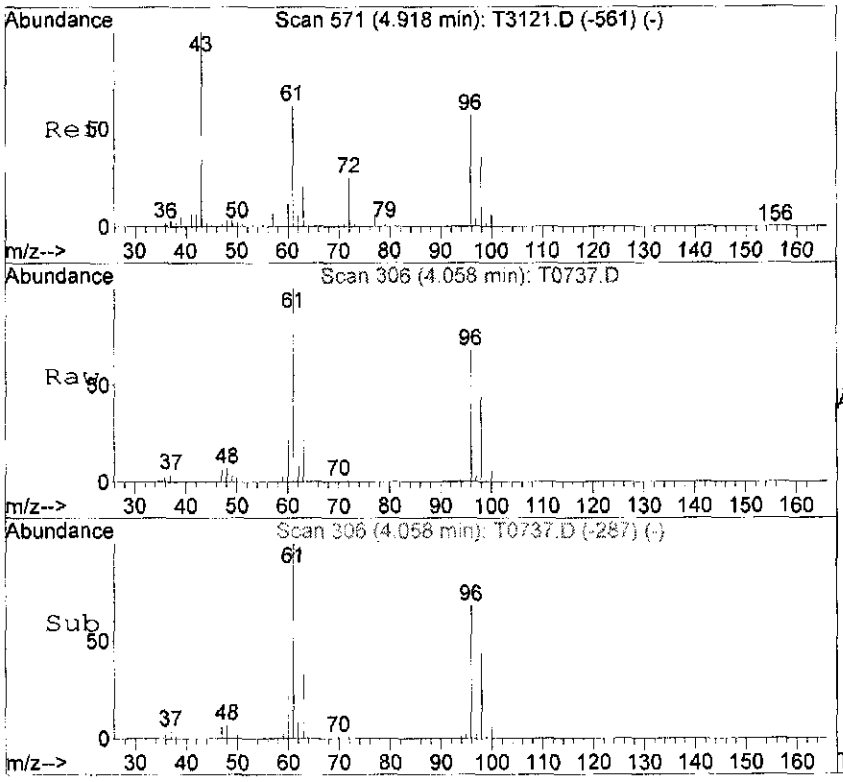


#20
C050 1,1-Dichloroethane
Concen: 1.52 ug/L
RT: 3.58 min Scan# 260
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 63 Resp: 14000

Ion	Ratio	Lower	Upper
63	100		
65	31.2	11.3	51.3
83	11.2	0.0	31.3

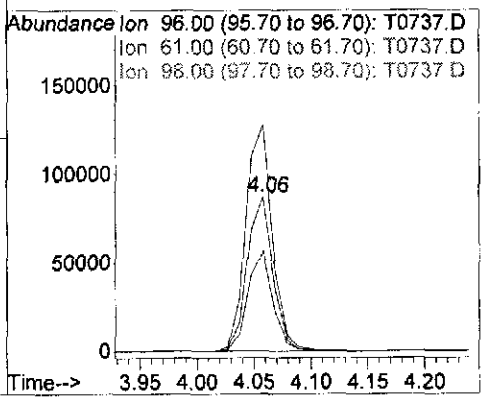


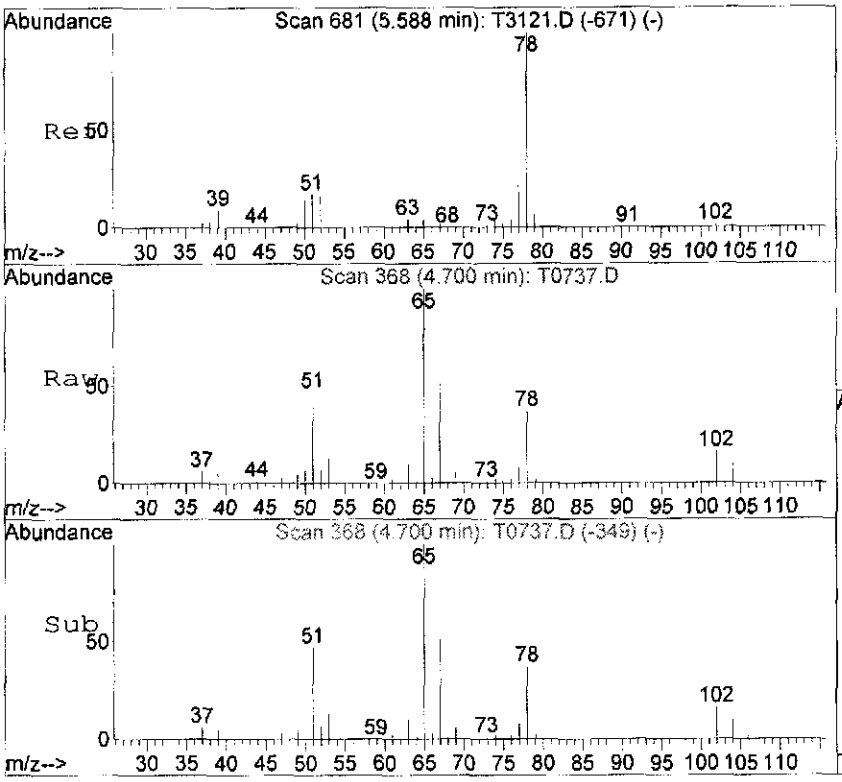


#23
C056 cis-1,2-Dichloroethene
Concen: 27.09 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 96 Resp: 136283

Ion	Ratio	Lower	Upper
96	100		
61	146.7	152.8	192.8#
98	64.8	44.6	84.6

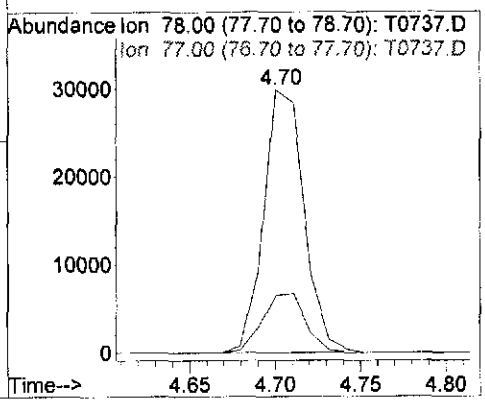


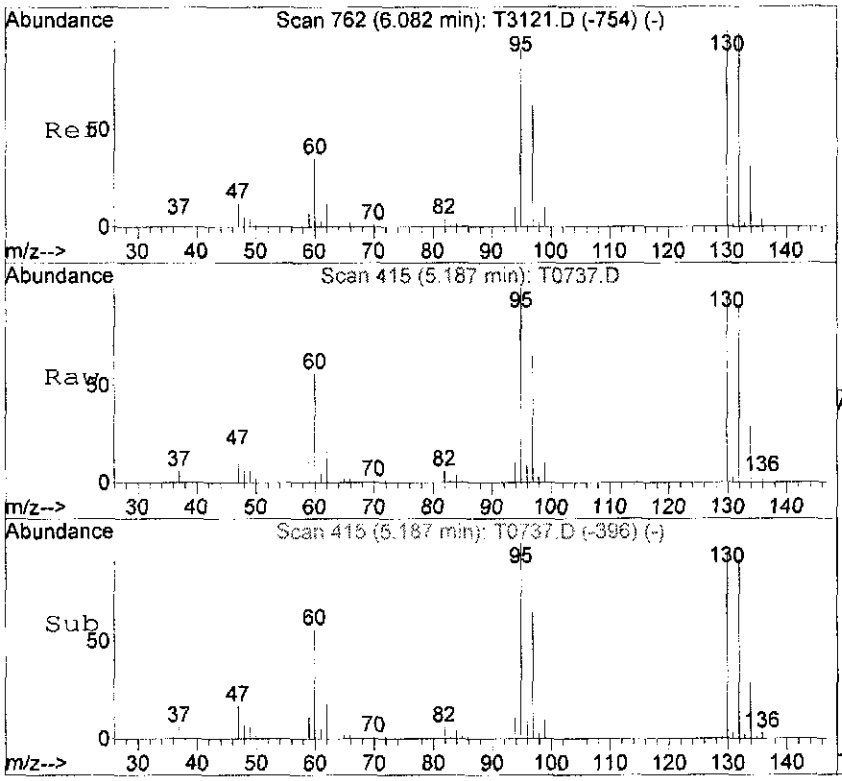


#31
C165 Benzene
Concen: 2.58 ug/L
RT: 4.70 min Scan# 368
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 78 Resp: 49109

Ion	Ratio	Lower	Upper
78	100		
77	21.7	3.1	43.1

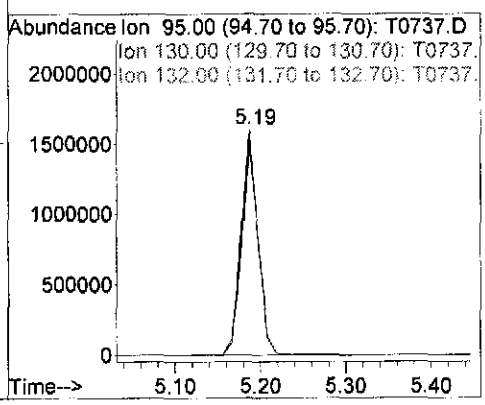




#35
C150 Trichloroethene
Concen: 445.92 ug/L
RT: 5.19 min Scan# 415
Delta R.T. 0.00 min
Lab File: T0737.D
Acq: 9 Jul 2010 16:40

Tgt Ion: 95 Resp: 2202606

Ion	Ratio	Lower	Upper
95	100		
130	94.6	75.1	115.1
132	91.6	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-12RE1	File ID:	T0773.D
Sampled:	07/07/10 10:45	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 18:18
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	8	8.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	8	8.0	UD
79-00-5	1,1,2-Trichloroethane	8	8.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	8	8.0	UD
75-34-3	1,1-Dichloroethane	8	8.0	UD
75-35-4	1,1-Dichloroethene	8	4.9	JD
120-82-1	1,2,4-Trichlorobenzene	8	8.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	8	8.0	UD
106-93-4	1,2-Dibromoethane (EDB)	8	8.0	UD
95-50-1	1,2-Dichlorobenzene	8	8.0	UD
107-06-2	1,2-Dichloroethane	8	8.0	UD
540-59-0	1,2-Dichloroethene, Total	8	25	D
78-87-5	1,2-Dichloropropane	8	8.0	UD
541-73-1	1,3-Dichlorobenzene	8	8.0	UD
106-46-7	1,4-Dichlorobenzene	8	8.0	UD
78-93-3	2-Butanone (MEK)	8	80	UD
591-78-6	2-Hexanone	8	40	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	8	40	UD
67-64-1	Acetone	8	80	UD
71-43-2	Benzene	8	8.0	UD
75-27-4	Bromodichloromethane	8	8.0	UD
75-25-2	Bromoform	8	8.0	UD
74-83-9	Bromomethane	8	8.0	UD
75-15-0	Carbon disulfide	8	8.0	UD
56-23-5	Carbon Tetrachloride	8	8.0	UD
108-90-7	Chlorobenzene	8	8.0	UD
124-48-1	Chlorodibromomethane	8	8.0	UD
75-00-3	Chloroethane	8	8.0	UD
67-66-3	Chloroform	8	8.0	UD
74-87-3	Chloromethane	8	8.0	UD
156-59-2	cis-1,2-Dichloroethene	8	25	D
10061-01-5	cis-1,3-Dichloropropene	8	8.0	UD
110-82-7	Cyclohexane	8	8.0	UD
75-71-8	Dichlorodifluoromethane	8	8.0	UD
100-41-4	Ethylbenzene	8	8.0	UD
98-82-8	Isopropylbenzene	8	8.0	UD
79-20-9	Methyl Acetate	8	8.0	UD
1634-04-4	Methyl tert-Butyl Ether	8	8.0	UD
108-87-2	Methylcyclohexane	8	8.0	UD

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (10-12)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-12RE1	File ID:	T0773.D
Sampled:	07/07/10 10:45	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 18:18
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	8	8.0	UD
100-42-5	Styrene	8	8.0	UD
127-18-4	Tetrachloroethene	8	8.0	UD
108-88-3	Toluene	8	8.0	UD
156-60-5	trans-1,2-Dichloroethene	8	8.0	UD
10061-02-6	trans-1,3-Dichloropropene	8	8.0	UD
79-01-6	Trichloroethene	8	420	D
75-69-4	Trichlorofluoromethane	8	8.0	UD
75-01-4	Vinyl chloride	8	10	D
1330-20-7	Xylenes, total	8	16	UD

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.2	89	66 - 137	D
4-Bromofluorobenzene	25.0	21.6	87	73 - 120	D
Toluene-d8	25.0	22.4	90	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	106780	9.1	147631	9.1	
1,4-Difluorobenzene	258102	5.01	330596	5.01	
Chlorobenzene-d5	214358	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0773.D Vial: 21
Acq On : 10 Jul 2010 18:18 Operator: NMD
Sample : RTG0721-12RE1@8X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:42:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

STE 7/13/10 VH

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.01	114	258102	25.00	ug/L	0.00 78.07%
42)	CI20	Chlorobenzene-D5	7.23	117	214358	25.00	ug/L	0.00 75.77%
61)	CI30	1,4-Dichlorobenzene-	9.10	152	106780	25.00	ug/L	0.00 72.33%
	System Monitoring Compounds							
30)	CS15	1,2-Dichloroethane-D	4.70	65	121964	22.17	ug/L	0.00
	Spiked Amount	25.000	Range	66 - 137	Recovery =	88.68%		
43)	CS05	Toluene-D8	6.11	98	315516	22.39	ug/L	0.00
	Spiked Amount	25.000	Range	71 - 126	Recovery =	89.56%		
60)	CS10	p-Bromofluorobenzene	8.17	174	84534	21.64	ug/L	0.00
	Spiked Amount	25.000	Range	73 - 120	Recovery =	86.56%		
	Target Compounds							Qvalue
2)	C290	Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010	Chloromethane	0.00	50	0	N.D.		
4)	C020	Vinyl chloride	1.41	62	6573	1.27	ug/L	83
5)	C015	Bromomethane	1.71	94	129	N.D.		
6)	C025	Chloroethane	0.00	64	0	N.D.		
7)	C275	Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045	1,1-Dichloroethene	2.51	96	2363	0.61	ug/L #	75
9)	C030	Methylene chloride	3.00	84	821	N.D.		
10)	C040	Carbon disulfide	2.69	76	456	N.D.		
11)	C036	Acrolein	0.00	56	0	N.D.		
12)	C038	Acrylonitrile	0.00	53	0	N.D.		
13)	C035	Acetone	2.67	43	1295	N.D.		
14)	C300	Acetonitrile	0.00	41	0	N.D.		
15)	C276	Iodomethane	0.00	142	0	N.D.		
16)	C291	1,1,2 Trichloro-1,	2.49	101	138	N.D.		
17)	C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057	trans-1,2-Dichloro	3.21	96	316	N.D.		
19)	C255	Methyl Acetate	0.00	43	0	N.D.		
20)	C050	1,1-Dichloroethane	3.58	63	1578	N.D.		
21)	C125	Vinyl Acetate	3.61	43	5785	N.D.		
22)	C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056	cis-1,2-Dichloroethe	4.06	96	15625	3.16	ug/L #	86
24)	C272	Tetrahydrofuran	4.34	42	142	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	4.32	83	651	N.D.		
27)	C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120	Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31)	C165	Benzene	4.71	78	5484	N.D.		
32)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33)	C110	2-Butanone	0.00	43	0	N.D.		
34)	C256	Cyclohexane	0.00	56	0	N.D.		
35)	C150	Trichloroethene	5.19	95	256647	52.91	ug/L	97
36)	C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37)	C278	Dibromomethane	0.00	93	0	N.D.		
38)	C130	Bromodichlorometha	0.00	83	0	N.D.		
39)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

AM 7/14/10

Data File : H:\GCMS_VOA\T\071010\T0773.D Vial: 21
Acq On : 10 Jul 2010 18:18 Operator: NMD
Sample : RTG0721-12RE1@8X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:42:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	2935	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1808	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	127	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

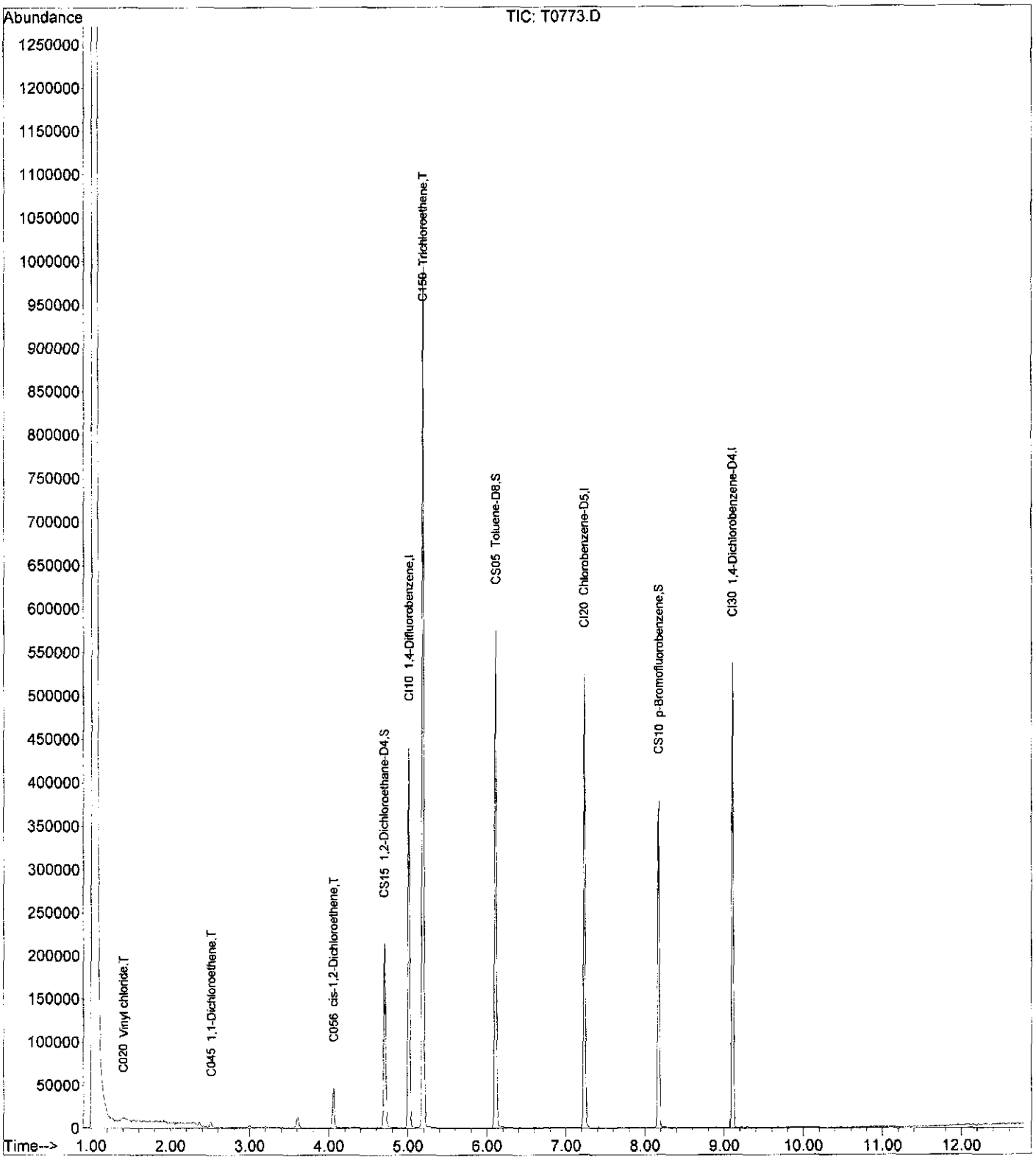
(#) = qualifier out of range (m) = manual integration (+) = signals summed

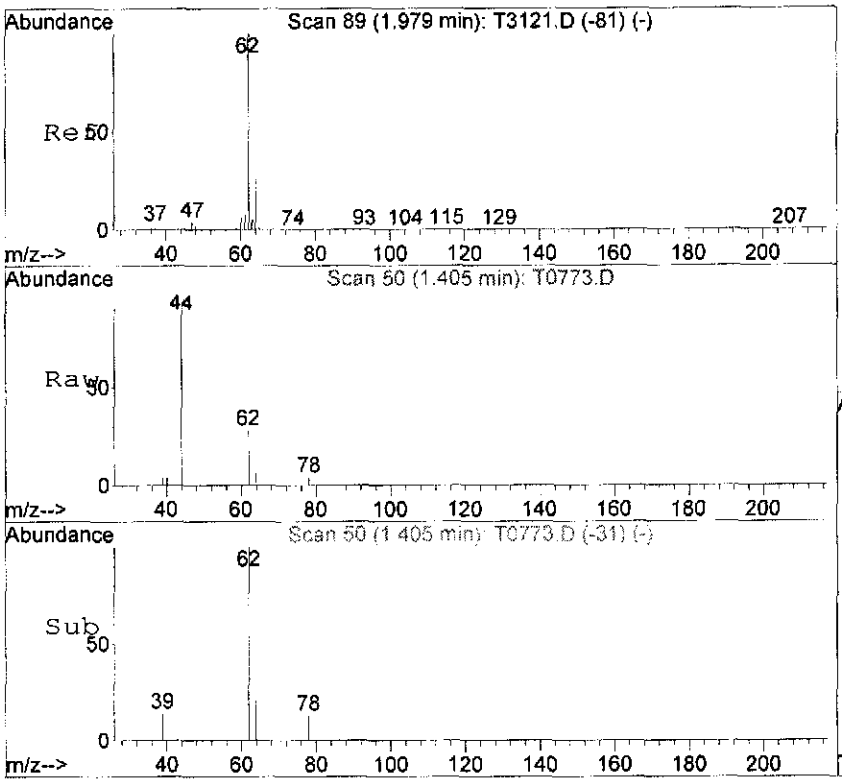
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0773.D
Acq On : 10 Jul 2010 18:18
Sample : RTG0721-12RE1@8X
Misc :
MS Integration Params: RTEINT.P

Vial: 21
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 13 08:42:18 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

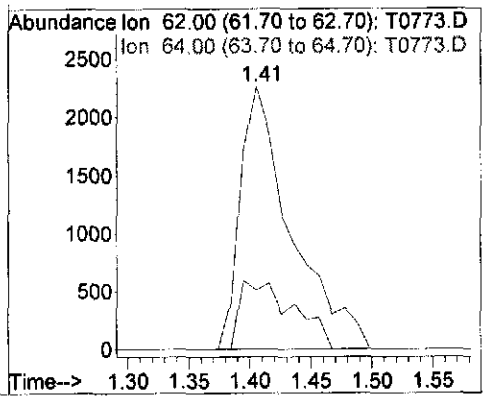


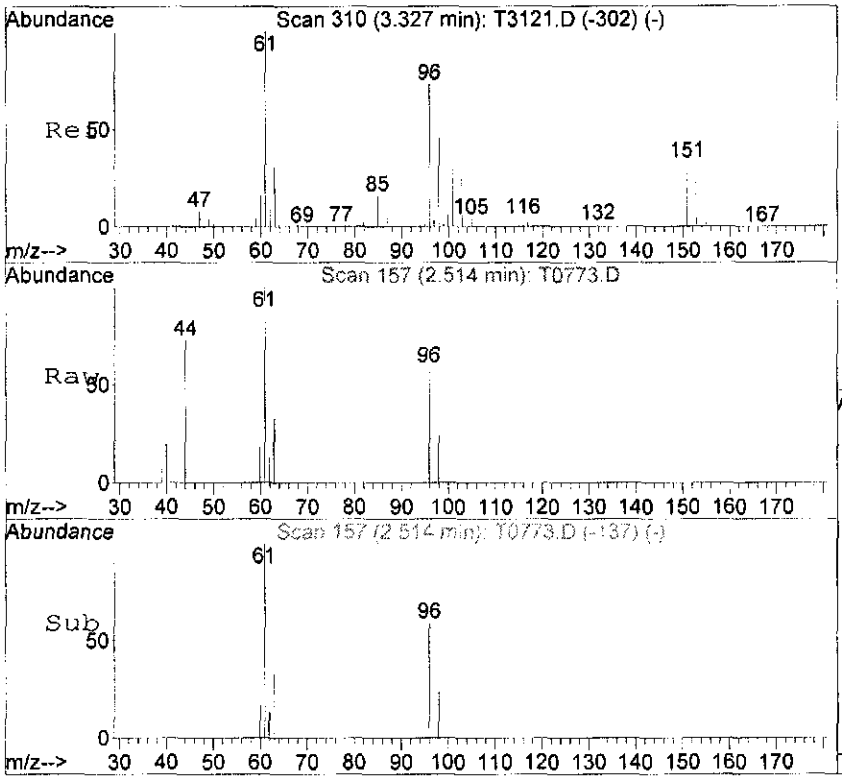


#4
C020 Vinyl chloride
Concen: 1.27 ug/L
RT: 1.41 min Scan# 50
Delta R.T. -0.00 min
Lab File: T0773.D
Acq: 10 Jul 2010 18:18

Tgt Ion: 62 Resp: 6573

Ion	Ratio	Lower	Upper
62	100		
64	22.5	11.8	51.8

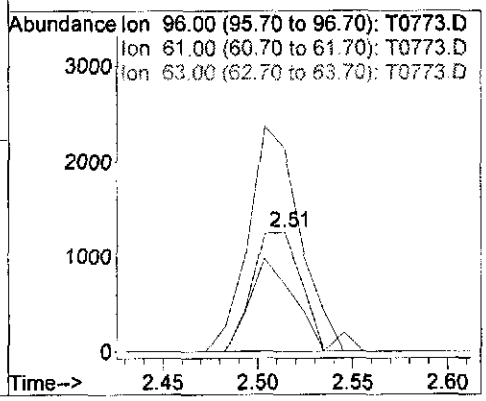


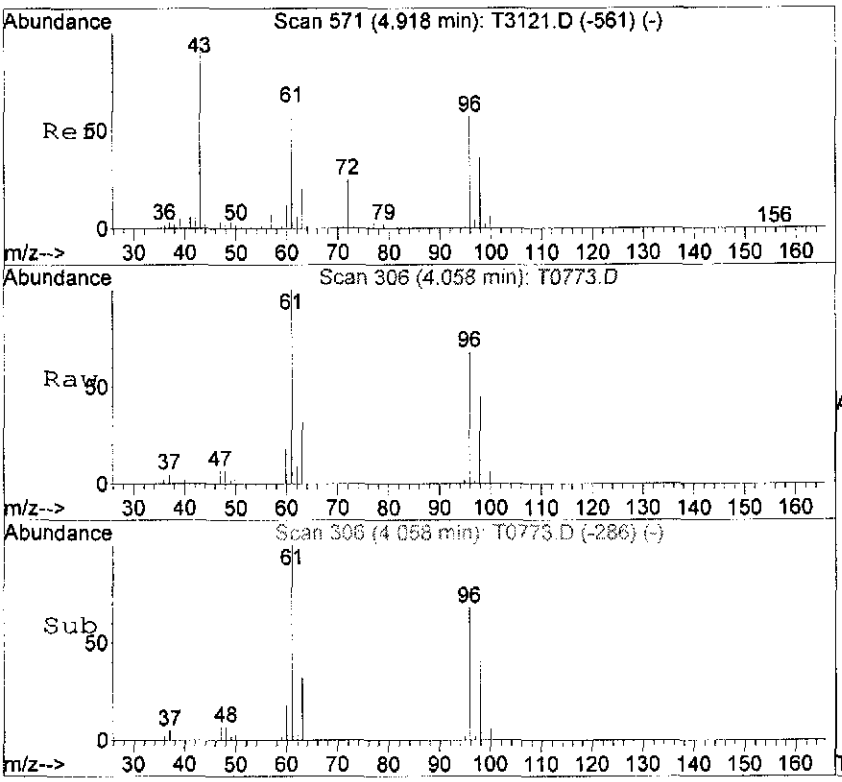


#8
C045 1,1-Dichloroethene
Concen: 0.61 ug/L
RT: 2.51 min Scan# 157
Delta R.T. 0.01 min
Lab File: T0773.D
Acq: 10 Jul 2010 18:18

Tgt Ion: 96 Resp: 2363

Ion	Ratio	Lower	Upper
96	100		
61	170.2	196.5	236.5#
63	56.9	45.8	85.8

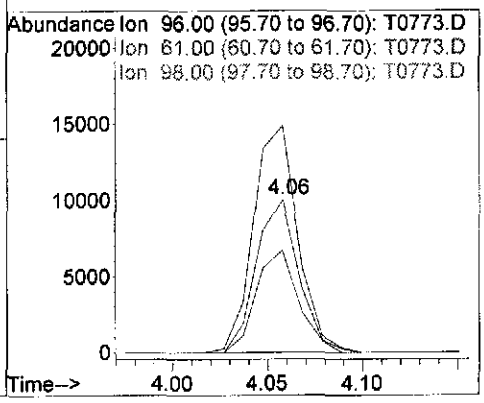


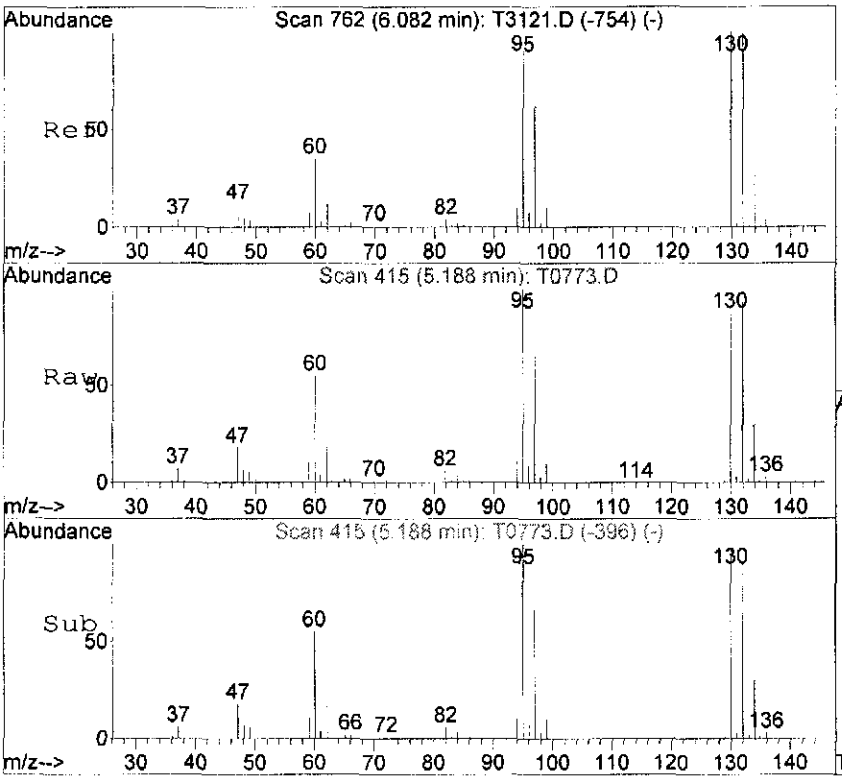


#23
C056 cis-1,2-Dichloroethene
Concen: 3.16 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.01 min
Lab File: T0773.D
Acq: 10 Jul 2010 18:18

Tgt Ion: 96 Resp: 15625

Ion	Ratio	Lower	Upper
96	100		
61	148.1	152.8	192.8#
98	66.8	44.6	84.6

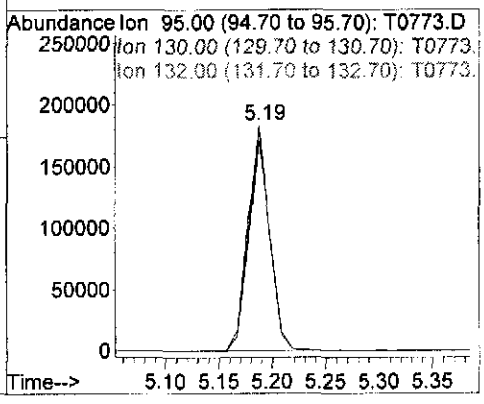




#35
C150 Trichloroethene
Concen: 52.91 ug/L
RT: 5.19 min Scan# 415
Delta R.T. -0.00 min
Lab File: T0773.D
Acq: 10 Jul 2010 18:18

Tgt Ion: 95 Resp: 256647

Ion	Ratio	Lower	Upper
95	100		
130	97.9	75.1	115.1
132	92.8	70.0	110.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP-070710

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-15	File ID:	T0740.D
Sampled:	07/07/10 00:00	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 17:52
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	5.7	
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.4	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.2	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.4	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	26	
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	160	E
98-82-8	Isopropylbenzene	1	3.1	
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	12	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP-070710

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-15 File ID: T0740.D

Sampled: 07/07/10 00:00 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 17:52

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	11	
156-60-5	trans-1,2-Dichloroethene	1	0.90	J
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.2	
1330-20-7	Xylenes, total	1	360	E

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.4	94	66 - 137	
4-Bromofluorobenzene	25.0	23.0	92	73 - 120	
Toluene-d8	25.0	23.6	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	112023	9.1	137661	9.1	
1,4-Difluorobenzene	254991	5.01	308978	5.01	
Chlorobenzene-d5	212023	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0740.D Vial: 20
Acq On : 9 Jul 2010 17:52 Operator: LH
Sample : RTG0721-15 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:49 2010 Results File: R10F094-6PT.RES

Re1e4X

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

5pt 2 NL66 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	254991	25.00	ug/L		0.00 82.53%
42) CI20	Chlorobenzene-D5	7.23	117	212023	25.00	ug/L		0.00 79.77%
61) CI30	1,4-Dichlorobenzene-	9.10	152	112023	25.00	ug/L		0.00 81.38%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	127273	23.42	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	93.68%			
43) CS05	Toluene-D8	6.11	98	329347	23.63	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	94.52%			
60) CS10	p-Bromofluorobenzene	8.17	174	89055	23.05	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	92.20%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	2483	0.55	ug/L		86
3) C010	Chloromethane	1.32	50	757	N.D.			
4) C020	Vinyl chloride	1.41	62	6083	1.19	ug/L		75
5) C015	Bromomethane	1.68	94	147	N.D.			
6) C025	Chloroethane	1.80	64	792	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.			
9) C030	Methylene chloride	2.93	84	149	N.D.			
10) C040	Carbon disulfide	2.69	76	2776	N.D.			
11) C036	Acrolein	2.49	56	617	N.D.			
12) C038	Acrylonitrile	0.00	53	0	N.D.			
13) C035	Acetone	2.68	43	4453	N.D.			
14) C300	Acetonitrile	~~2.93~~	~~41~~	~~32521~~	~~41.61~~	~~ug/L~~	#	38
15) C276	Iodomethane	0.00	142	0	N.D.			
16) C291	1,1,2 Trichloro-1,	2.48	101	387	N.D.			
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.			
18) C057	trans-1,2-Dichloroet	3.21	96	4115	0.90	ug/L	#	85
19) C255	Methyl Acetate	~~2.93~~	~~43~~	~~78956~~	~~8.18~~	~~ug/L~~	#	65
20) C050	1,1-Dichloroethane	3.58	63	2234	N.D.			
21) C125	Vinyl Acetate	3.62	43	183	N.D.			
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.			
23) C056	cis-1,2-Dichloroethe	4.06	96	7064	1.45	ug/L		98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.			
25) C222	Bromochloromethane	0.00	128	0	N.D.			
26) C060	Chloroform	~~4.41~~	~~83~~	~~7471~~	~~0.87~~	~~ug/L~~	#	37
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.			
28) C120	Carbon tetrachlori	0.00	117	0	N.D.			
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
31) C165	Benzene	4.71	78	21612	1.17	ug/L		89
32) C065	1,2-Dichloroethane	4.71	62	182	N.D.			
33) C110	2-Butanone	4.14	43	668	N.D.			
34) C256	Cyclohexane	4.41	56	176450	25.61	ug/L		92
35) C150	Trichloroethene	5.19	95	2183	N.D.			
36) C140	1,2-Dichloropropan	5.28	63	948	N.D.			
37) C278	Dibromomethane	0.00	93	0	N.D.			
38) C130	Bromodichlorometha	5.59	83	133	N.D.			
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.			

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0740.D Vial: 20
Acq On : 9 Jul 2010 17:52 Operator: LH
Sample : RTG0721-15 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:49 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcycolhexane	5.28	83	84091	11.60 ug/L	96
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44)	C230	Toluene	6.16	92	114054	10.51 ug/L	100
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46)	C284	Ethyl Methacrylate	6.39	69	3298	0.51 ug/L #	24
47)	C160	1,1,2-Trichloroeth	6.61	83	274	N.D.	
48)	C210	4-Methyl-2-pentano	6.02	43	4171	N.D.	
49)	C220	Tetrachloroethene	6.56	166	754	N.D.	
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51)	C155	Dibromochlorometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53)	C215	2-Hexanone	6.64	43	261	N.D.	
54)	C235	Chlorobenzene	7.26	112	990	N.D.	
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	7.32	91	3256591	161.82 ug/L	98
57)	C246	m,p-Xylene	7.42	106	2039329	269.94 ug/L	99
58)	C247	o-Xylene	7.73	106	690614	94.21 ug/L	91
59)	C245	Styrene	7.73	104	33112	2.73 ug/L #	1
62)	C180	Bromoform	0.00	173	0	N.D.	
63)	C966	Isopropylbenzene	8.02	105	60869	3.06 ug/L	95
64)	C301	Bromobenzene	0.00	156	0	N.D.	
65)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67)	C283	t-1,4-Dichloro-2-B	8.42	53	349	N.D.	
68)	C302	n-Propylbenzene	8.35	91	15091	0.61 ug/L	97
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
71)	C304	1,3,5-Trimethylbenze	8.48	105	15452	0.92 ug/L	95
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
73)	C307	1,2,4-Trimethylbenze	8.79	105	63526	3.70 ug/L	97
74)	C308	sec-Butylbenzene	8.93	105	2303	N.D.	
75)	C260	1,3-Dichlorobenzen	9.05	146	1208	N.D.	
76)	C309	4-Isopropyltoluene	9.04	119	3290	N.D.	
77)	C267	1,4-Dichlorobenzen	9.13	146	3018	N.D.	
78)	C249	1,2-Dichlorobenzene	9.44	146	50229	5.74 ug/L	97
79)	C310	n-Butylbenzene	9.36	91	941	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	9.95	75	190	N.D.	
81)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82)	C316	Hexachlorobutadien	0.00	225	0	N.D.	
83)	C314	Naphthalene	10.97	128	5395	N.D.	
84)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

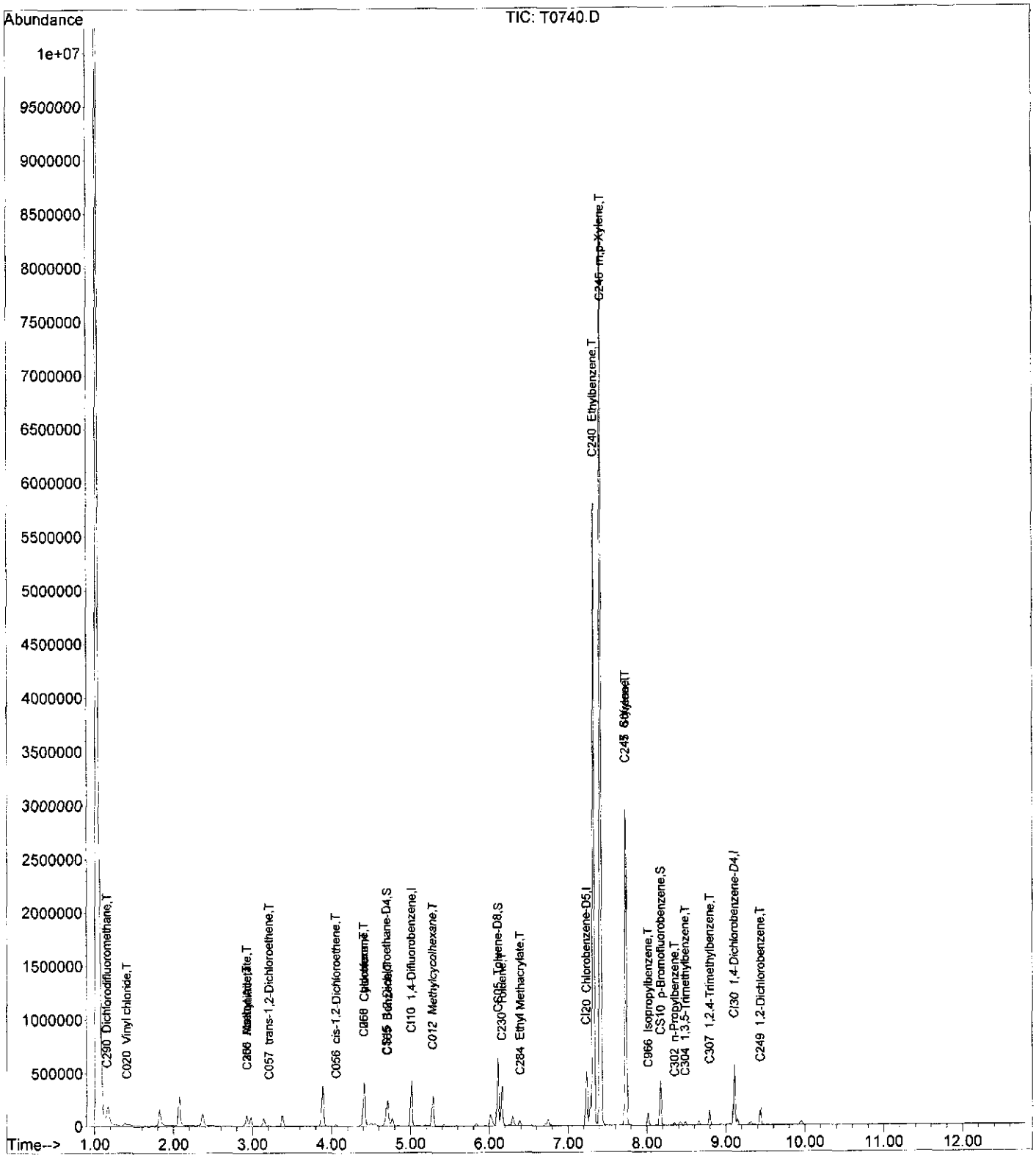
(#) = qualifier out of range (m) = manual integration (+) = signals summed

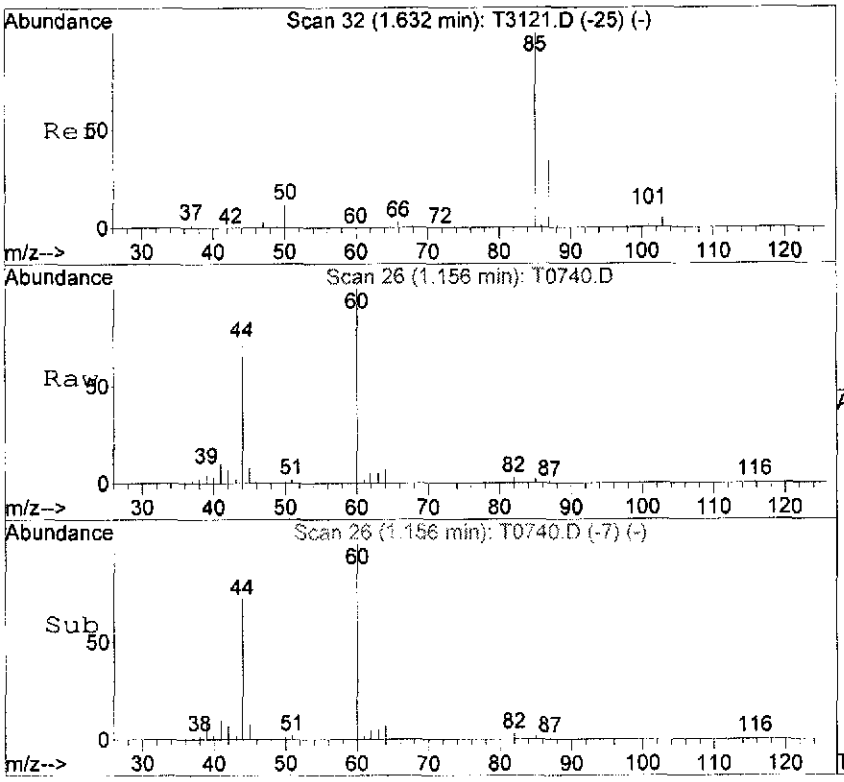
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0740.D
Acq On : 9 Jul 2010 17:52
Sample : RTG0721-15
Misc :
MS Integration Params: RTEINT.P

Vial: 20
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:15:49 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

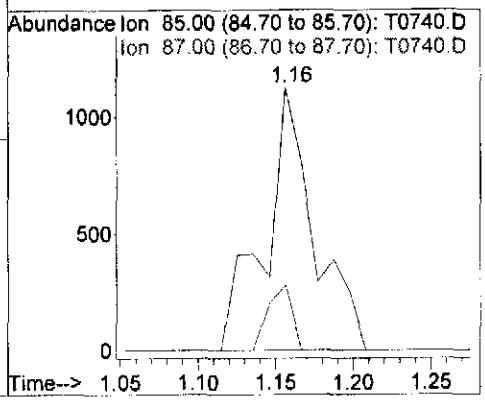


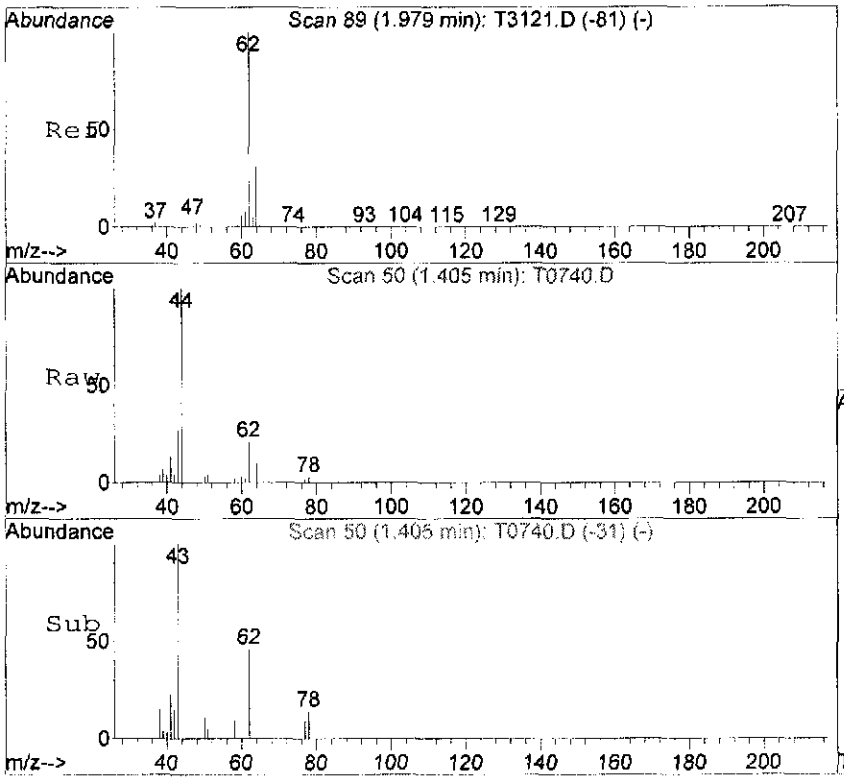


#2
C290 Dichlorodifluoromethane
Concen: 0.55 ug/L
RT: 1.16 min Scan# 26
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 85 Resp: 2483

Ion	Ratio	Lower	Upper
85	100		
87	24.9	13.1	53.1

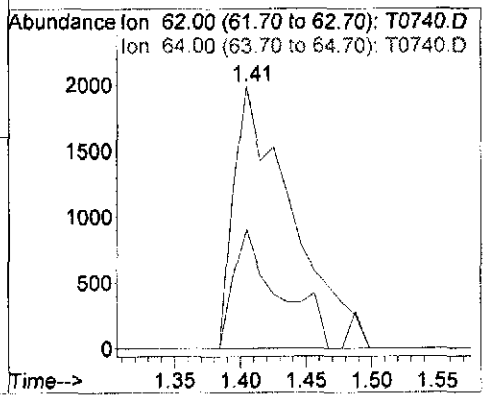


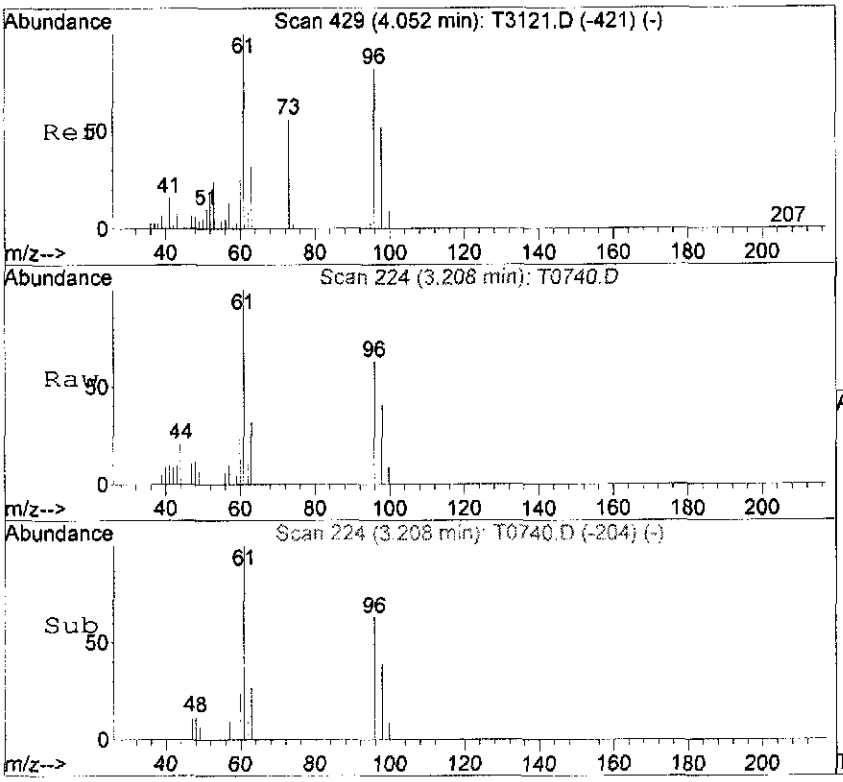


#4
C020 Vinyl chloride
Concen: 1.19 ug/L
RT: 1.41 min Scan# 50
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 62 Resp: 6083

Ion	Ratio	Lower	Upper
62	100		
64	45.5	11.8	51.8

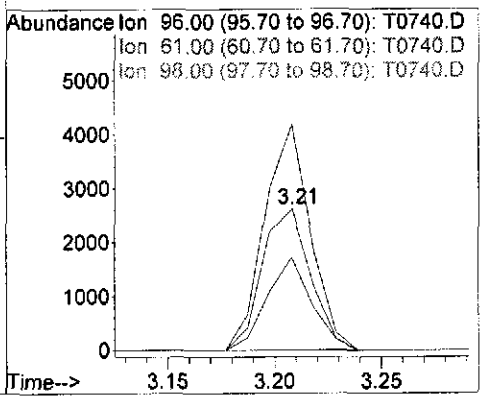


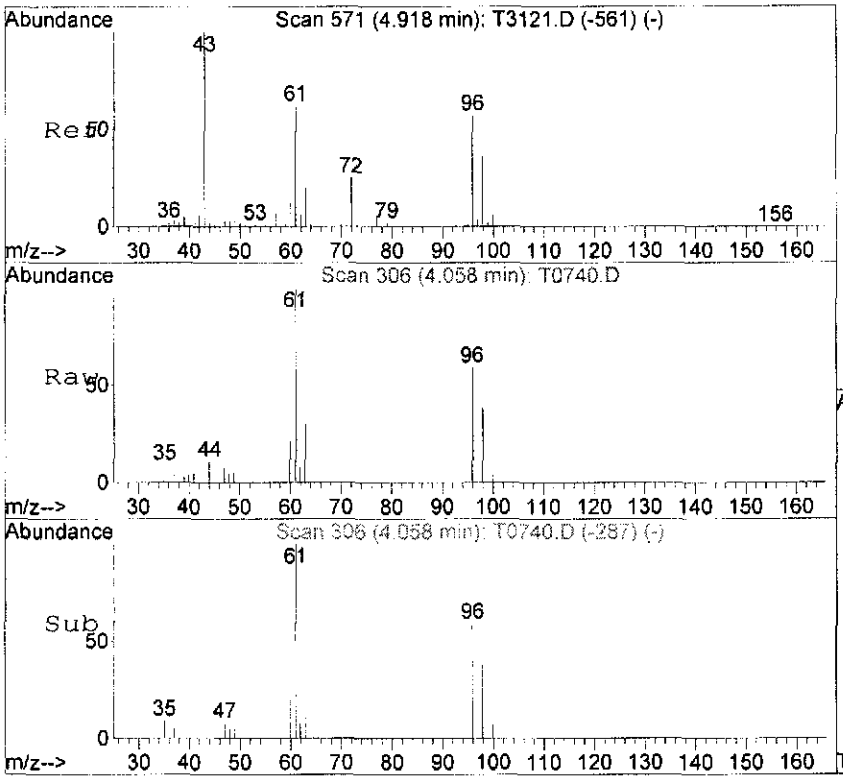


#18
C057 trans-1,2-Dichloroethene
Concen: 0.90 ug/L
RT: 3.21 min Scan# 224
Delta R.T. 0.01 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 96 Resp: 4115

Ion	Ratio	Lower	Upper
96	100		
61	159.5	167.6	207.6#
98	65.5	44.0	84.0

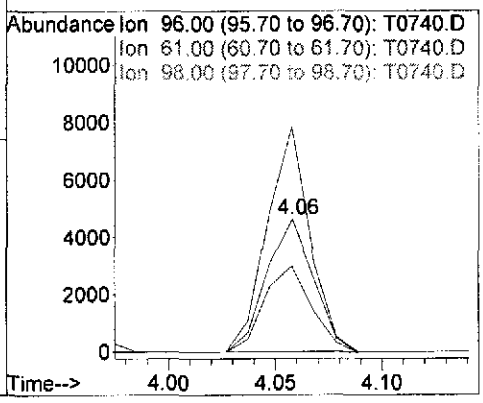


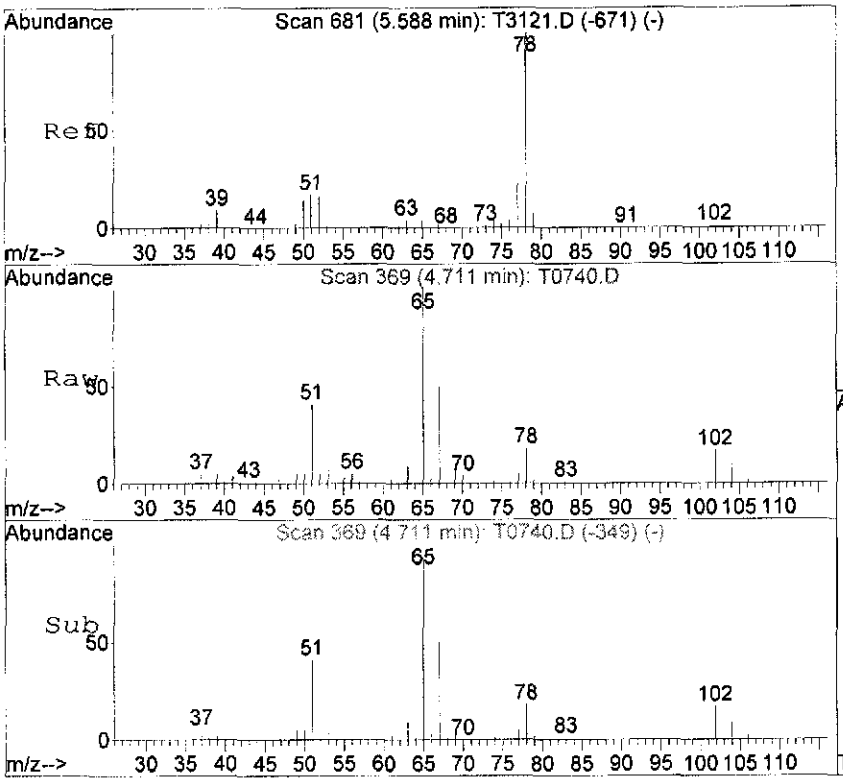


#23
C056 cis-1,2-Dichloroethene
Concen: 1.45 ug/L
RT: 4.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 96 Resp: 7064

Ion	Ratio	Lower	Upper
96	100		
61	169.7	152.8	192.8
98	64.9	44.6	84.6

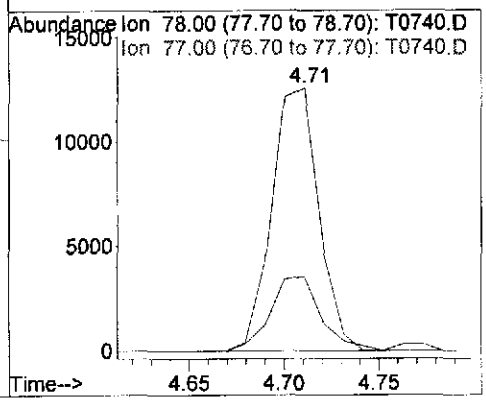


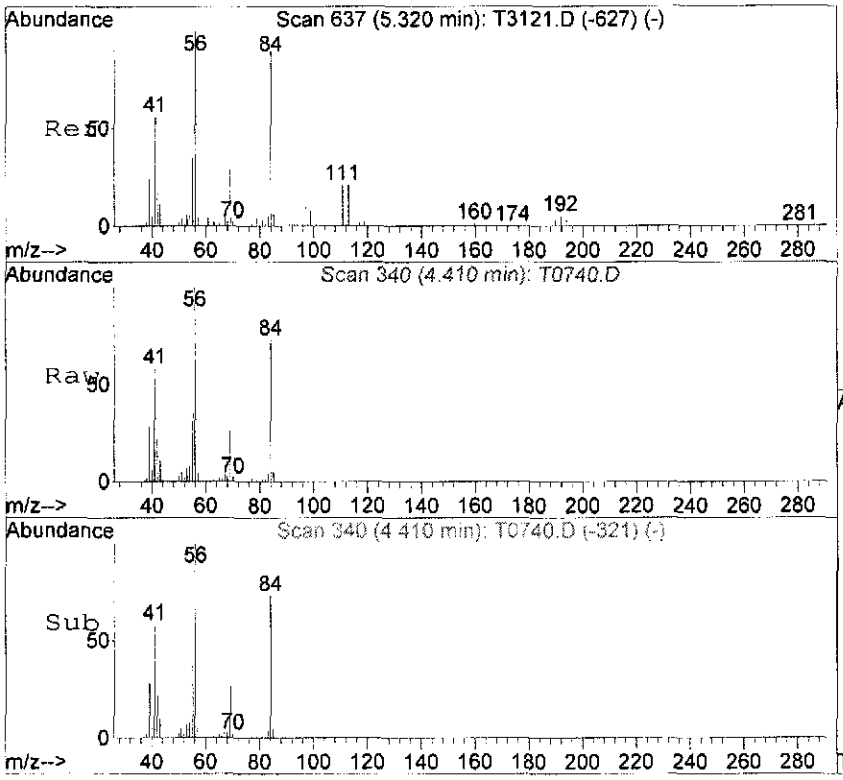


#31
C165 Benzene
Concen: 1.17 ug/L
RT: 4.71 min Scan# 369
Delta R.T. 0.01 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 78 Resp: 21612

Ion	Ratio	Lower	Upper
78	100		
77	28.4	3.1	43.1

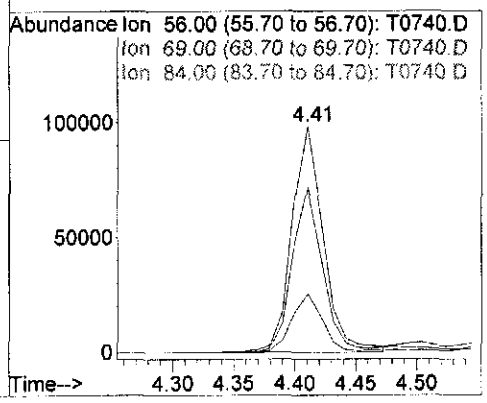


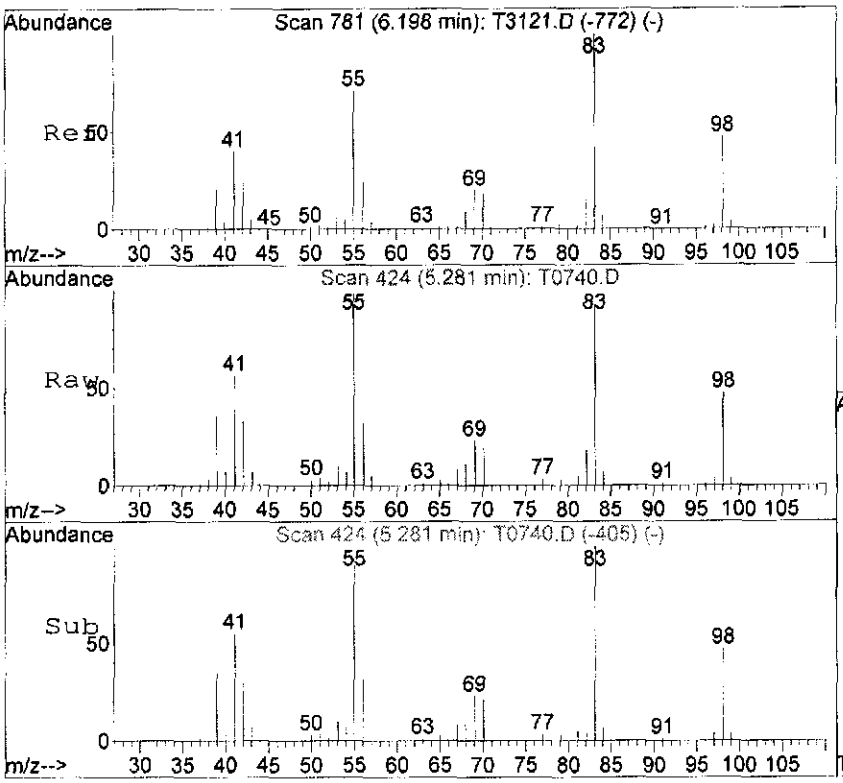


#34
C256 Cyclohexane
Concen: 25.61 ug/L
RT: 4.41 min Scan# 340
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 56 Resp: 176450

Ion	Ratio	Lower	Upper
56	100		
69	25.8	18.0	27.0
84	70.3	50.7	76.1

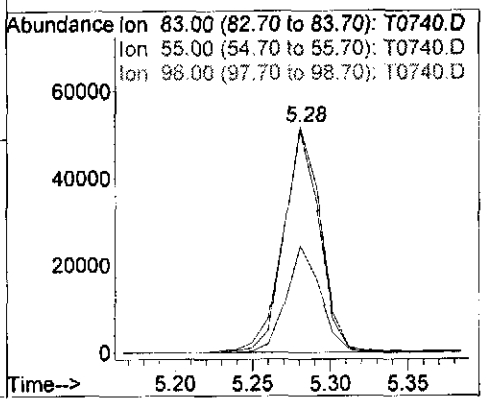


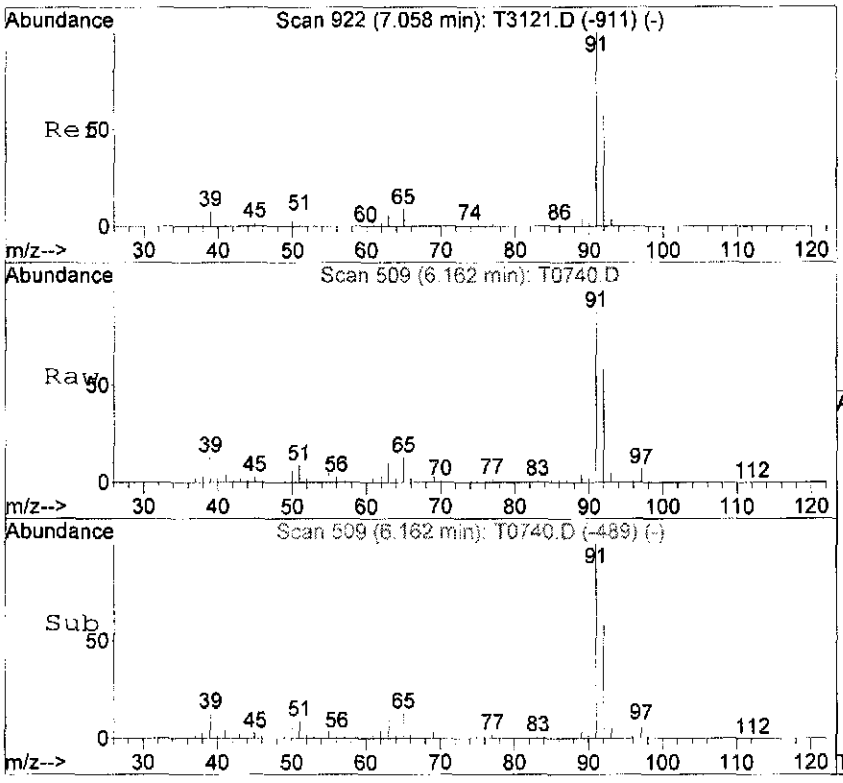


#40
C012 Methylcycolhexane
Concen: 11.60 ug/L
RT: 5.28 min Scan# 424
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 83 Resp: 84091

Ion	Ratio	Lower	Upper
83	100		
55	100.1	84.5	126.7
98	44.0	34.7	52.1

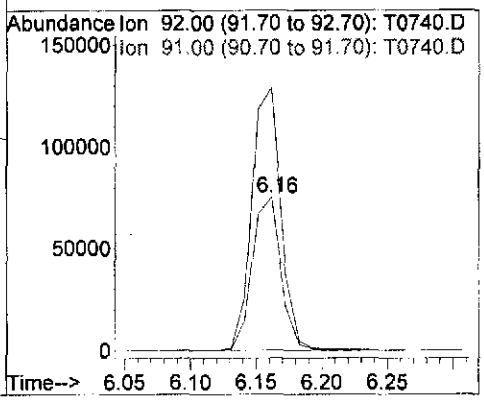


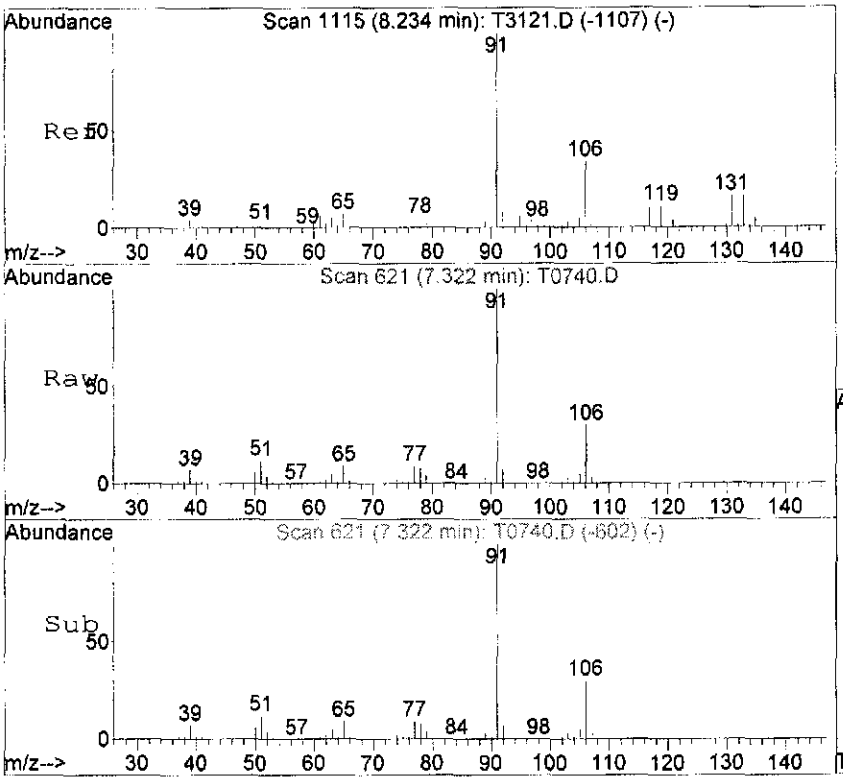


#44
C230 Toluene
Concen: 10.51 ug/L
RT: 6.16 min Scan# 509
Delta R.T. 0.01 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 92 Resp: 114054

Ion	Ratio	Lower	Upper
92	100		
91	171.5	151.4	191.4

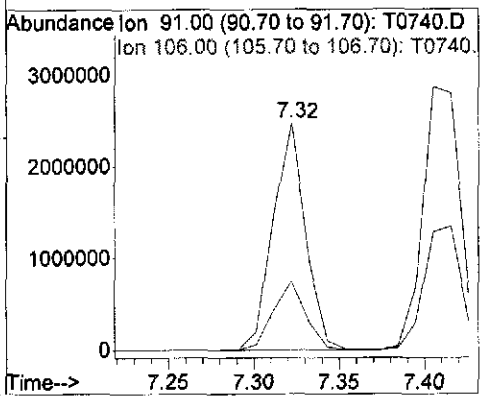


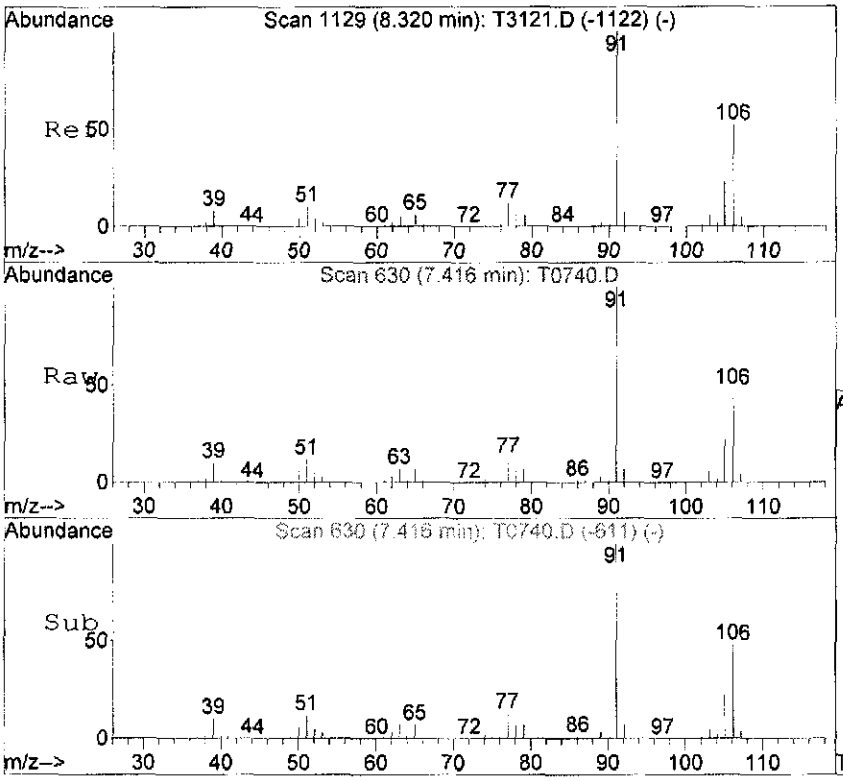


#56
C240 Ethylbenzene
Concen: 161.82 ug/L
RT: 7.32 min Scan# 621
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 91 Resp: 3256591

Ion	Ratio	Lower	Upper
91	100		
106	29.9	11.1	51.1

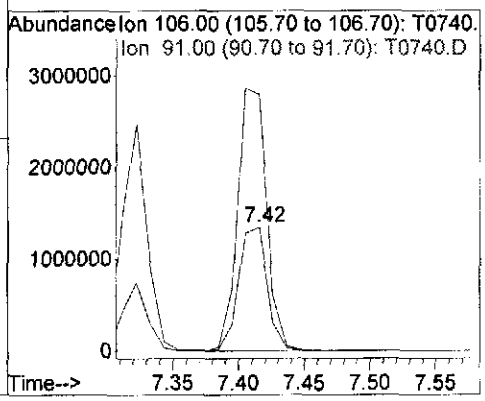


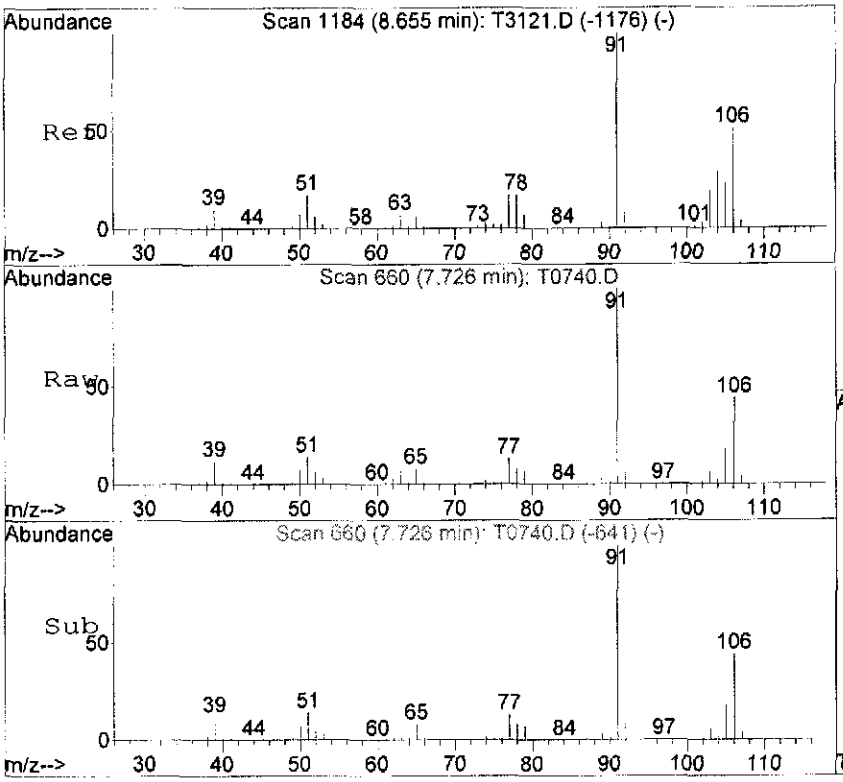


#57
C246 m,p-Xylene
Concen: 269.94 ug/L
RT: 7.42 min Scan# 630
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:106 Resp: 2039329

Ion	Ratio	Lower	Upper
106	100		
91	208.4	189.6	229.6

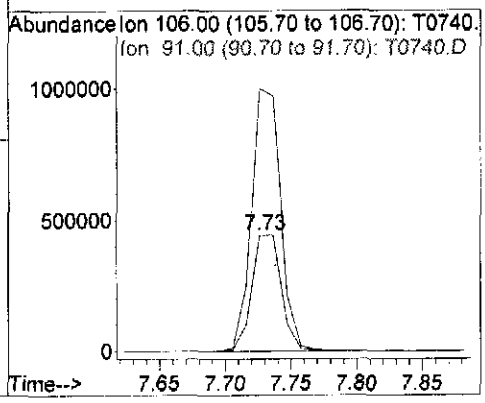


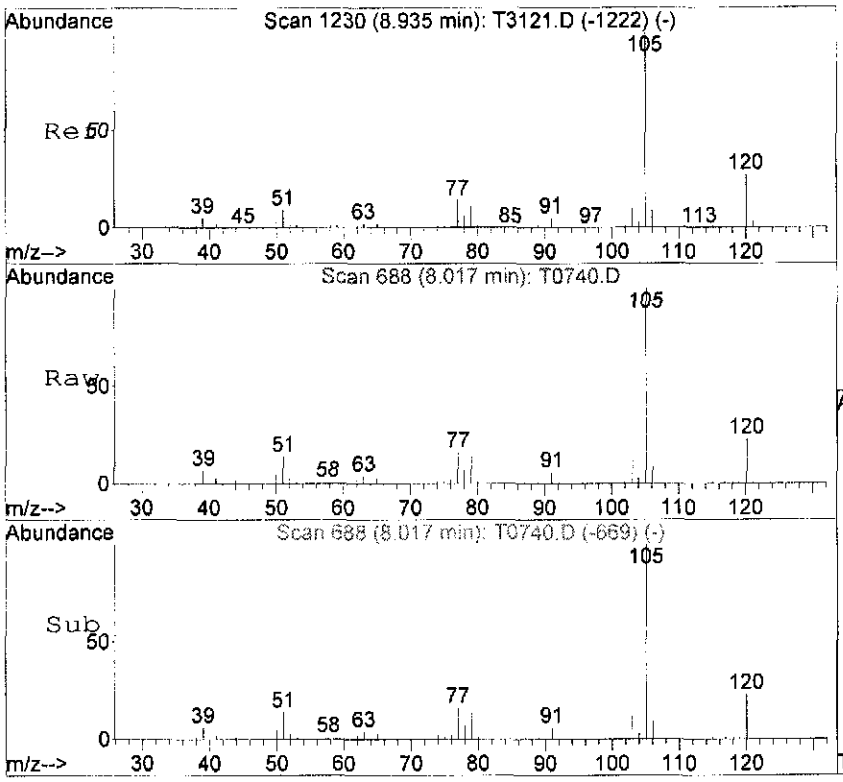


#58
C247 o-Xylene
Concen: 94.21 ug/L
RT: 7.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:106 Resp: 690614

Ion	Ratio	Lower	Upper
106	100		
91	225.8	192.1	232.1

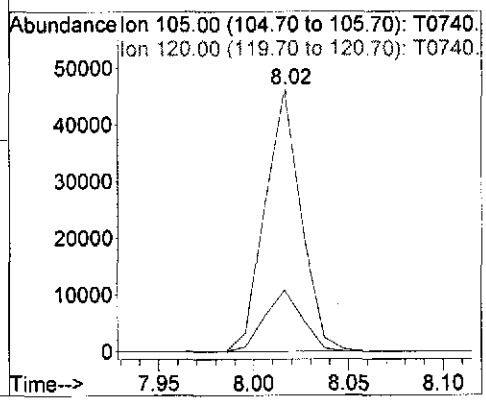


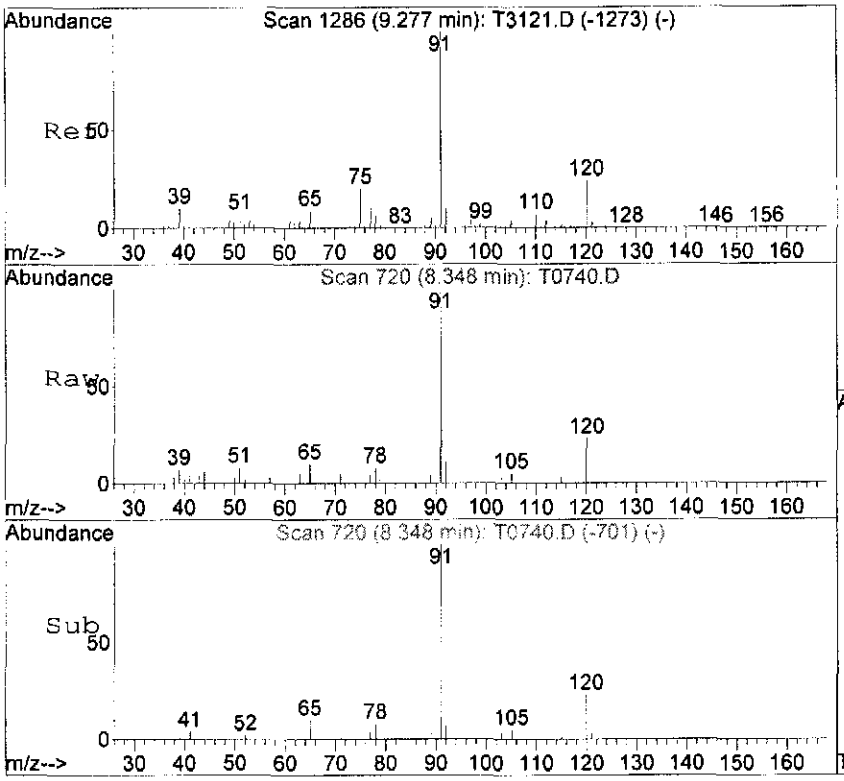


#63
C966 Isopropylbenzene
Concen: 3.06 ug/L
RT: 8.02 min Scan# 688
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:105 Resp: 60869

Ion	Ratio	Lower	Upper
105	100		
120	23.2	5.8	45.8

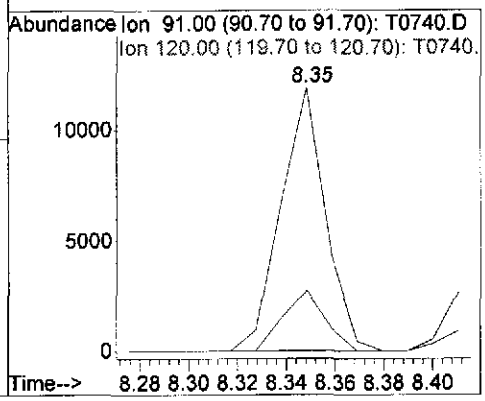


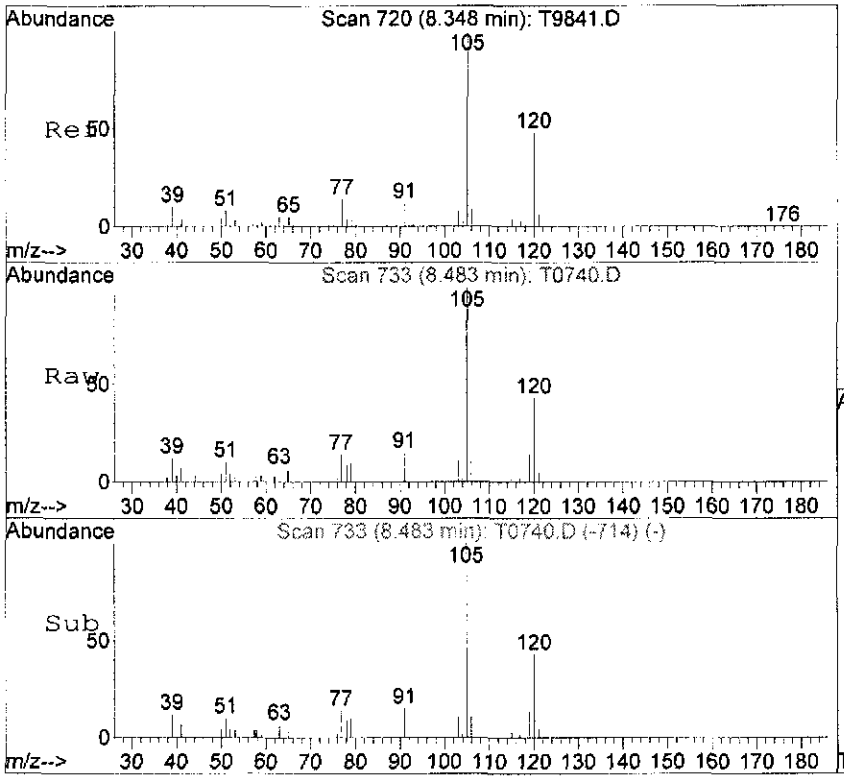


#68
C302 n-Propylbenzene
Concen: 0.61 ug/L
RT: 8.35 min Scan# 720
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion: 91 Resp: 15091

Ion	Ratio	Lower	Upper
91	100		
120	23.0	1.4	41.4

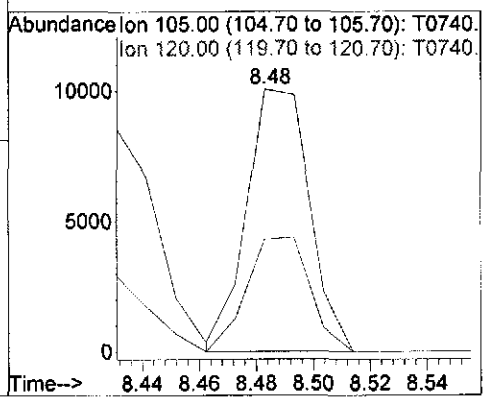


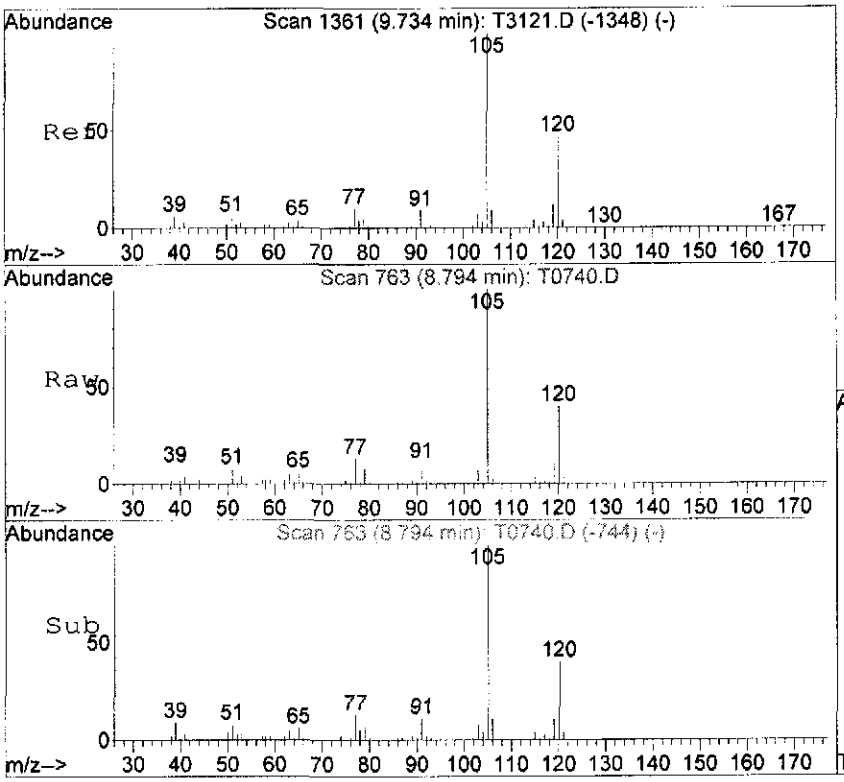


#71
C304 1,3,5-Trimethylbenzene
Concen: 0.92 ug/L
RT: 8.48 min Scan# 733
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:105 Resp: 15452

Ion	Ratio	Lower	Upper
105	100		
120	42.7	26.1	66.1

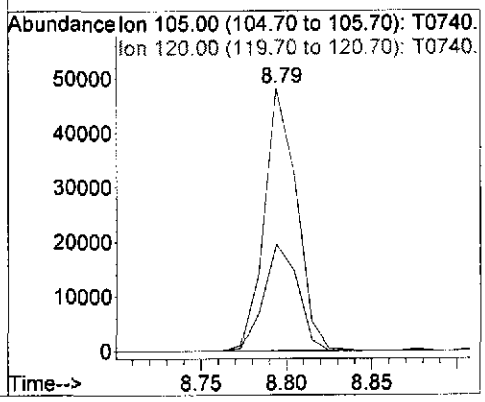


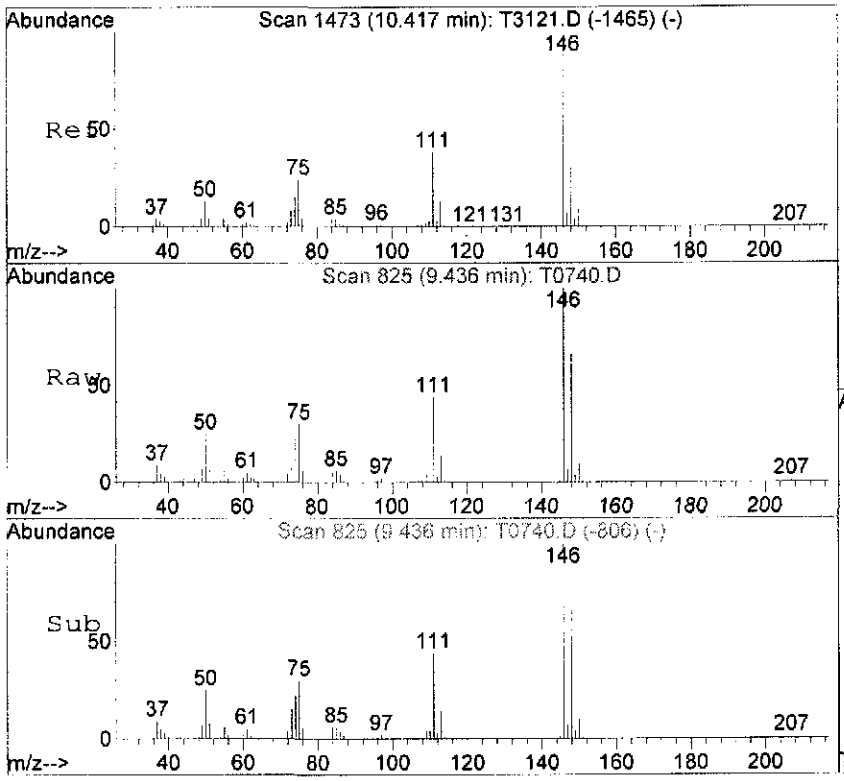


#73
C307 1,2,4-Trimethylbenzene
Concen: 3.70 ug/L
RT: 8.79 min Scan# 763
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:105 Resp: 63526

Ion	Ratio	Lower	Upper
105	100		
120	40.4	22.1	62.1

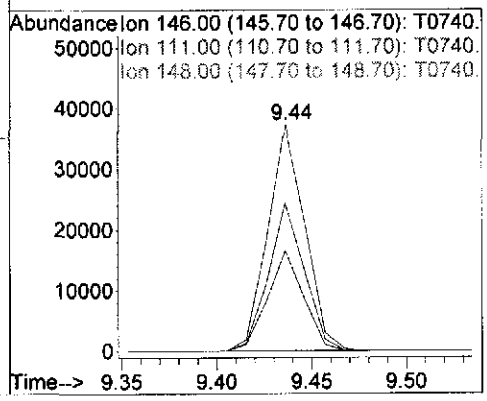




#78
C249 1,2-Dichlorobenzene
Concen: 5.74 ug/L
RT: 9.44 min Scan# 825
Delta R.T. 0.00 min
Lab File: T0740.D
Acq: 9 Jul 2010 17:52

Tgt Ion:146 Resp: 50229

Ion	Ratio	Lower	Upper
146	100		
111	44.5	19.9	59.9
148	65.5	45.9	85.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP-070710

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-15RE1	File ID:	T0774.D
Sampled:	07/07/10 00:00	Prepared:	07/10/10 11:19	Analyzed:	07/10/10 18:41
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	4	4.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	4	4.0	UD
79-00-5	1,1,2-Trichloroethane	4	4.0	UD
76-13-1	1,1,2-Trichlorotrifluoroethane	4	4.0	UD
75-34-3	1,1-Dichloroethane	4	4.0	UD
75-35-4	1,1-Dichloroethene	4	4.0	UD
120-82-1	1,2,4-Trichlorobenzene	4	4.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	4	4.0	UD
106-93-4	1,2-Dibromoethane (EDB)	4	4.0	UD
95-50-1	1,2-Dichlorobenzene	4	5.6	D
107-06-2	1,2-Dichloroethane	4	4.0	UD
540-59-0	1,2-Dichloroethene, Total	4	8.0	UD
78-87-5	1,2-Dichloropropane	4	4.0	UD
541-73-1	1,3-Dichlorobenzene	4	4.0	UD
106-46-7	1,4-Dichlorobenzene	4	4.0	UD
78-93-3	2-Butanone (MEK)	4	40	UD
591-78-6	2-Hexanone	4	20	UD
108-10-1	4-Methyl-2-pentanone (MIBK)	4	20	UD
67-64-1	Acetone	4	40	UD
71-43-2	Benzene	4	4.0	UD
75-27-4	Bromodichloromethane	4	4.0	UD
75-25-2	Bromoform	4	4.0	UD
74-83-9	Bromomethane	4	4.0	UD
75-15-0	Carbon disulfide	4	4.0	UD
56-23-5	Carbon Tetrachloride	4	4.0	UD
108-90-7	Chlorobenzene	4	4.0	UD
124-48-1	Chlorodibromomethane	4	4.0	UD
75-00-3	Chloroethane	4	4.0	UD
67-66-3	Chloroform	4	4.0	UD
74-87-3	Chloromethane	4	4.0	UD
156-59-2	cis-1,2-Dichloroethene	4	4.0	UD
10061-01-5	cis-1,3-Dichloropropene	4	4.0	UD
110-82-7	Cyclohexane	4	26	D
75-71-8	Dichlorodifluoromethane	4	4.0	UD
100-41-4	Ethylbenzene	4	150	D
98-82-8	Isopropylbenzene	4	4.0	UD
79-20-9	Methyl Acetate	4	4.0	UD
1634-04-4	Methyl tert-Butyl Ether	4	4.0	UD
108-87-2	Methylcyclohexane	4	10	D

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

DUP-070710

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-15RE1 File ID: T0774.D

Sampled: 07/07/10 00:00 Prepared: 07/10/10 11:19 Analyzed: 07/10/10 18:41

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0611 Sequence: T003080 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	4	4.0	UD
100-42-5	Styrene	4	4.0	UD
127-18-4	Tetrachloroethene	4	4.0	UD
108-88-3	Toluene	4	11	D
156-60-5	trans-1,2-Dichloroethene	4	4.0	UD
10061-02-6	trans-1,3-Dichloropropene	4	4.0	UD
79-01-6	Trichloroethene	4	4.0	UD
75-69-4	Trichlorofluoromethane	4	4.0	UD
75-01-4	Vinyl chloride	4	4.0	UD
1330-20-7	Xylenes, total	4	350	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	90	66 - 137	D
4-Bromofluorobenzene	25.0	21.9	88	73 - 120	D
Toluene-d8	25.0	22.4	90	71 - 126	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	106000	9.1	147631	9.1	
1,4-Difluorobenzene	253726	5.01	330596	5.01	
Chlorobenzene-d5	212656	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0774.D Vial: 22
Acq On : 10 Jul 2010 18:41 Operator: NMD
Sample : RTG0721-15RE1@4X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:42:38 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

SE 7/13/10 LK

	Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	5.01	114	253726	25.00	ug/L	0.00 76.75%
42)	CI20 Chlorobenzene-D5	7.23	117	212656	25.00	ug/L	0.00 75.17%
61)	CI30 1,4-Dichlorobenzene-	9.10	152	106000	25.00	ug/L	0.00 71.80%
	System Monitoring Compounds						
30)	CS15 1,2-Dichloroethane-D	4.70	65	122287	22.61	ug/L	0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 90.44%			
43)	CS05 Toluene-D8	6.11	98	312940	22.39	ug/L	0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 89.56%			
60)	CS10 p-Bromofluorobenzene	8.17	174	84822	21.89	ug/L	0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 87.56%			
	Target Compounds						Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	1.40	62	1286	N.D.		
5)	C015 Bromomethane	1.72	94	124	N.D.		
6)	C025 Chloroethane	0.00	64	0	N.D.		
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030 Methylene chloride	3.00	84	1204	N.D.		
10)	C040 Carbon disulfide	2.69	76	991	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.68	43	1478	N.D.		
14)	C300 Acetonitrile	2.93	41	8850	N.D.		
15)	C276 Iodomethane	0.00	142	0	N.D.		
16)	C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	3.21	96	890	N.D.		
19)	C255 Methyl Acetate	2.93	43	~~18398~~	~~1.94 ug/L #~~		65
20)	C050 1,1-Dichloroethane	3.57	63	319	N.D.		
21)	C125 Vinyl Acetate	0.00	43	0	N.D.		
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056 cis-1,2-Dichloroet	4.06	96	1928	N.D.		
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	4.41	83	1734	N.D.		
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
31)	C165 Benzene	4.71	78	5539	N.D.		
32)	C065 1,2-Dichloroethane	0.00	62	0	N.D.		
33)	C110 2-Butanone	0.00	43	0	N.D.		
34)	C256 Cyclohexane	4.41	56	44246	6.45	ug/L	91
35)	C150 Trichloroethene	5.19	95	213	N.D.		
36)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		
37)	C278 Dibromomethane	0.00	93	0	N.D.		
38)	C130 Bromodichlorometha	0.00	83	0	N.D.		
39)	C161 2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0774.D Vial: 22
Acq On : 10 Jul 2010 18:41 Operator: NMD
Sample : RTG0721-15RE1@4X Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 08:42:38 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	18691	2.59	ug/L	97
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	30570	2.81	ug/L	100
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	6.39	69	691	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1854	N.D.		
49) C220	Tetrachloroethene	6.56	166	131	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.71	43	126	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	757696	37.54	ug/L	100
57) C246	m,p-Xylene	7.41	106	485559	64.08	ug/L	100
58) C247	o-Xylene	7.73	106	165620	22.53	ug/L	93
59) C245	Styrene	7.74	104	8135	0.67	ug/L #	1
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	8.02	105	14267	0.76	ug/L	98
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	8.35	91	3720	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.48	105	4002	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylbenze	8.79	105	14476	0.89	ug/L	93
74) C308	sec-Butylbenzene	8.93	105	611	N.D.		
75) C260	1,3-Dichlorobenzen	9.04	146	164	N.D.		
76) C309	4-Isopropyltoluene	9.04	119	720	N.D.		
77) C267	1,4-Dichlorobenzen	9.13	146	797	N.D.		
78) C249	1,2-Dichlorobenzene	9.44	146	11574	1.40	ug/L	93
79) C310	n-Butylbenzene	9.31	91	479	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.97	128	1112	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

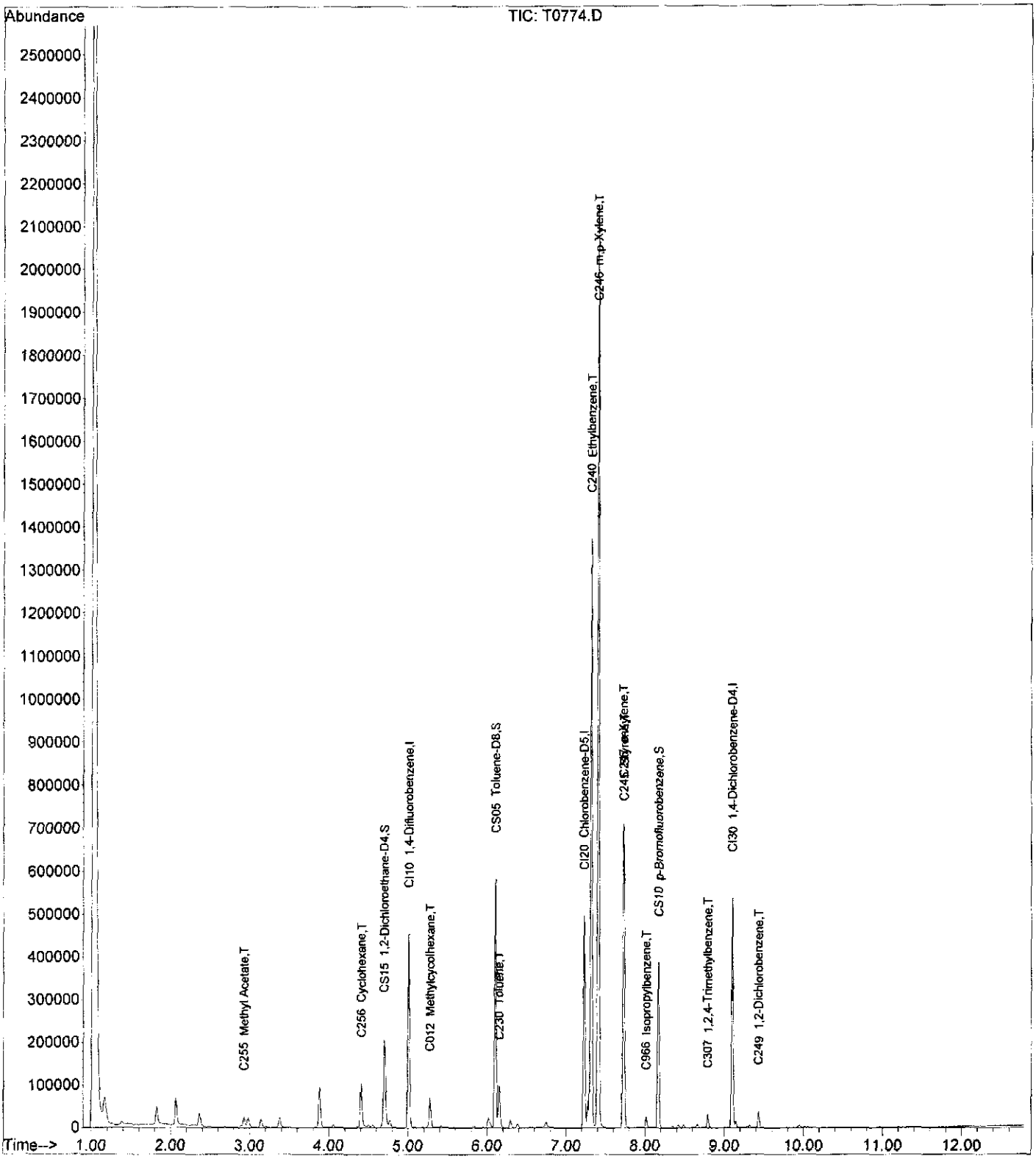
(#) = qualifier out of range (m) = manual integration (+) = signals summed

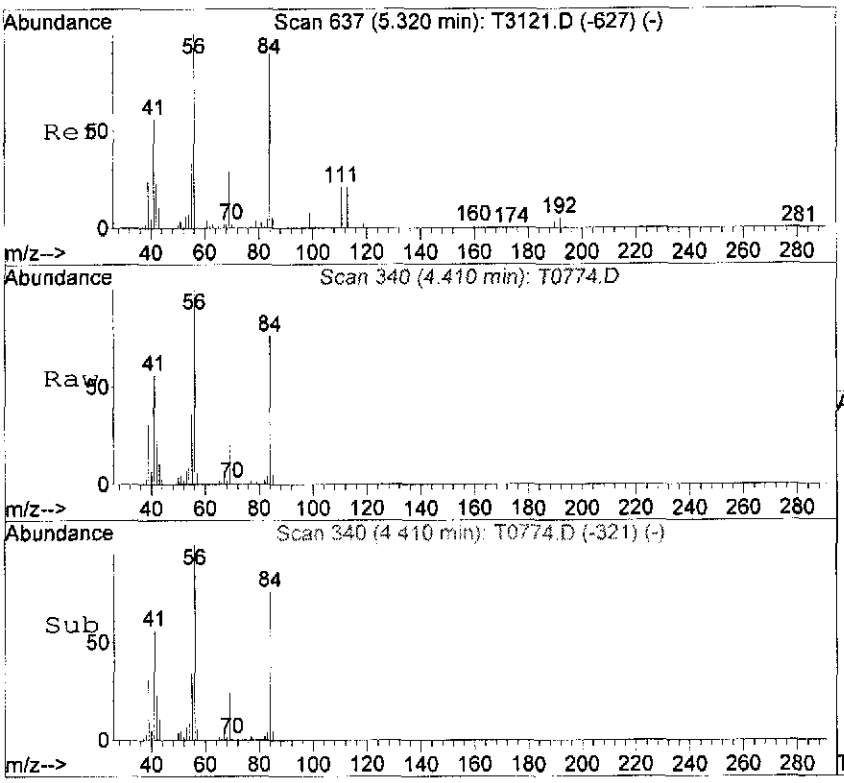
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0774.D
Acq On : 10 Jul 2010 18:41
Sample : RTG0721-15RE1@4X
Misc :
MS Integration Params: RTEINT.P

Vial: 22
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 13 08:42:38 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 13 08:37:41 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

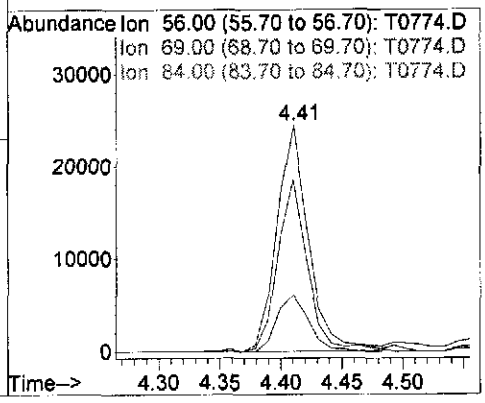


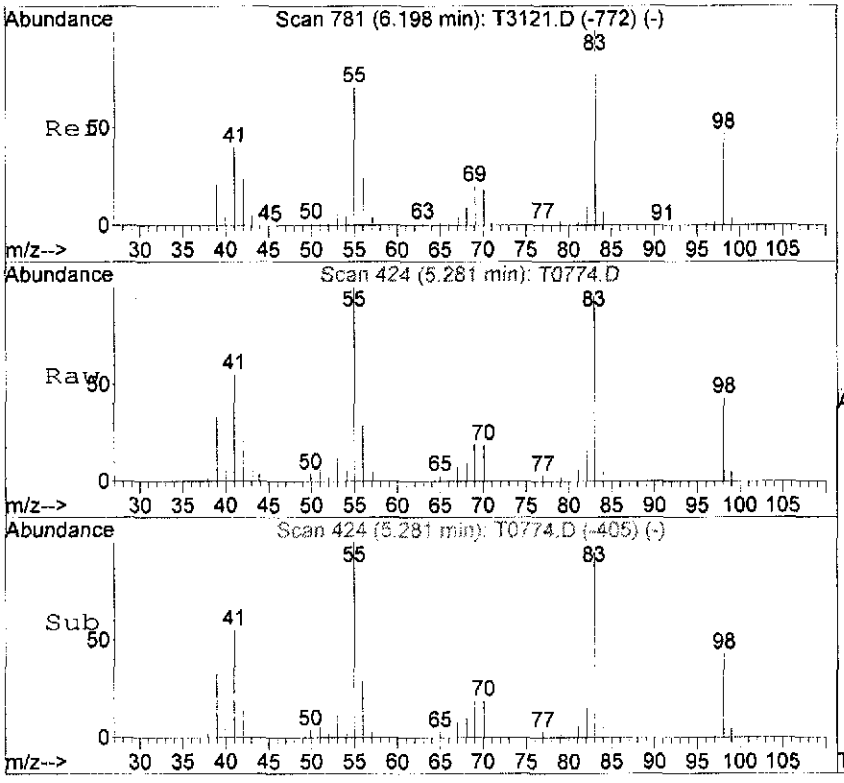


#34
C256 Cyclohexane
Concen: 6.45 ug/L
RT: 4.41 min Scan# 340
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion: 56 Resp: 44246

Ion	Ratio	Lower	Upper
56	100		
69	24.5	18.0	27.0
84	72.1	50.7	76.1

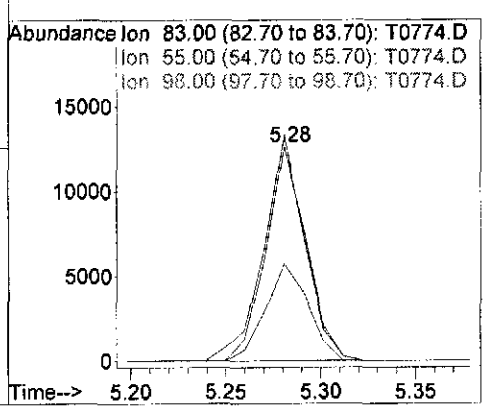


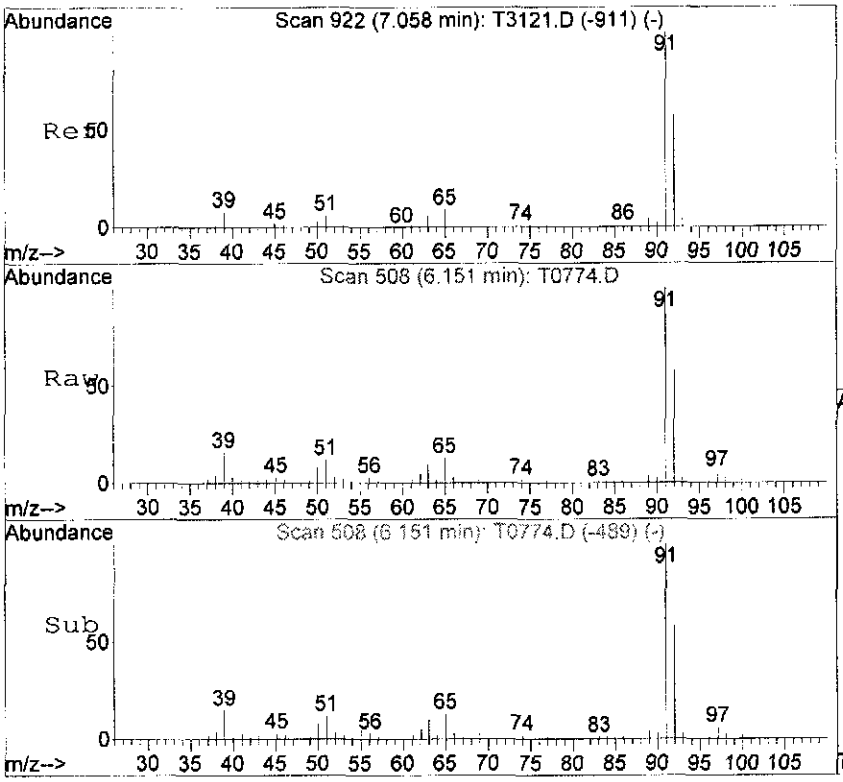


#40
C012 Methylcycolhexane
Concen: 2.59 ug/L
RT: 5.28 min Scan# 424
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion: 83 Resp: 18691

Ion	Ratio	Lower	Upper
83	100		
55	106.3	84.5	126.7
98	47.9	34.7	52.1

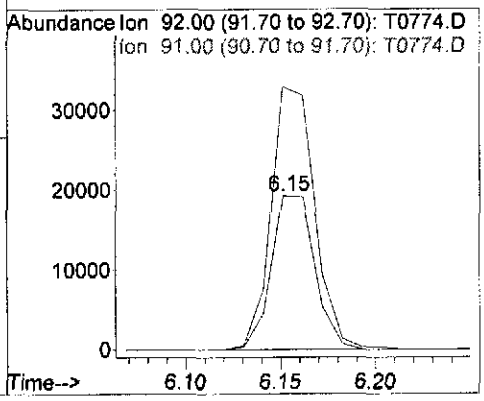


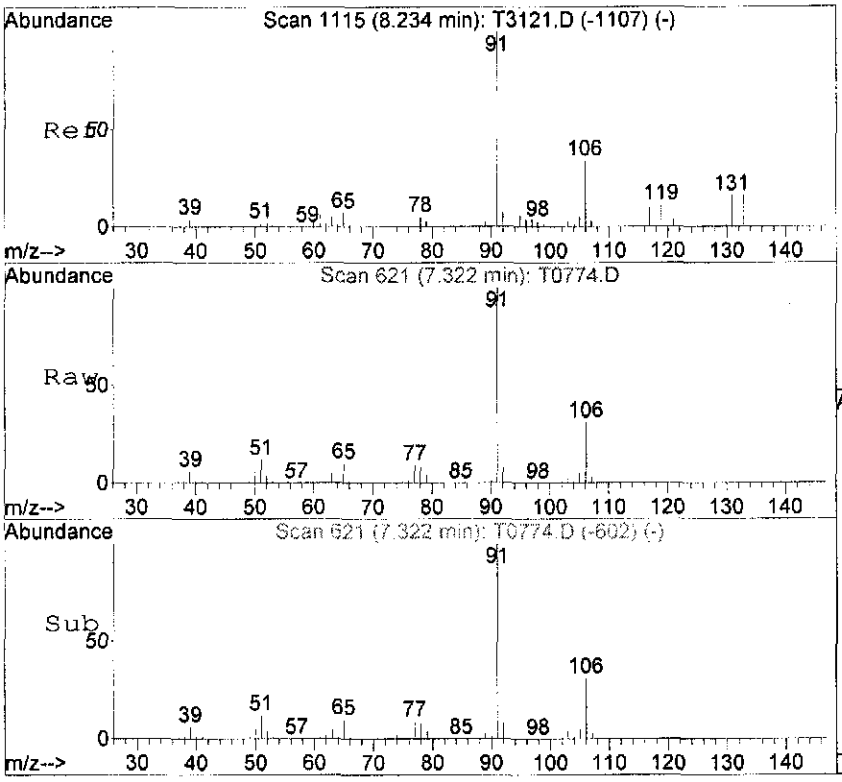


#44
C230 Toluene
Concen: 2.81 ug/L
RT: 6.15 min Scan# 508
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion: 92 Resp: 30570

Ion	Ratio	Lower	Upper
92	100		
91	171.6	151.4	191.4

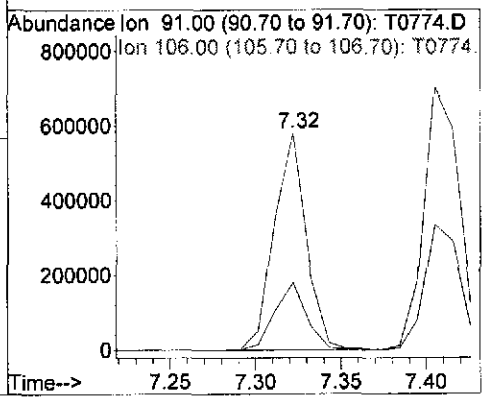


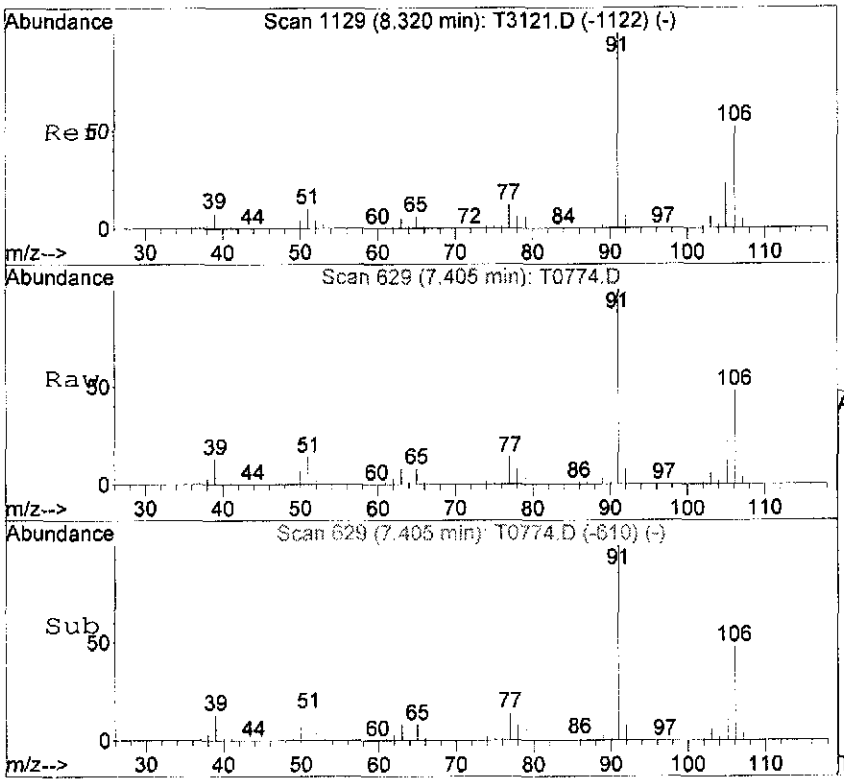


#56
C240 Ethylbenzene
Concen: 37.54 ug/L
RT: 7.32 min Scan# 621
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion: 91 Resp: 757696

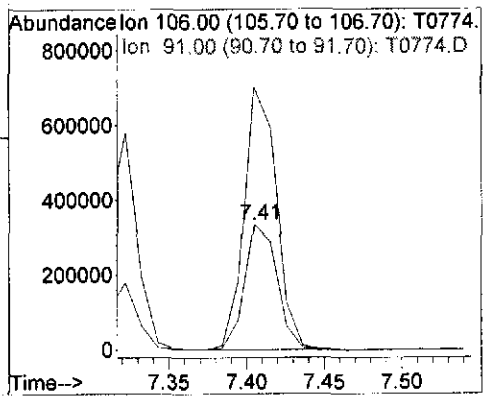
Ion	Ratio	Lower	Upper
91	100		
106	30.9	11.1	51.1

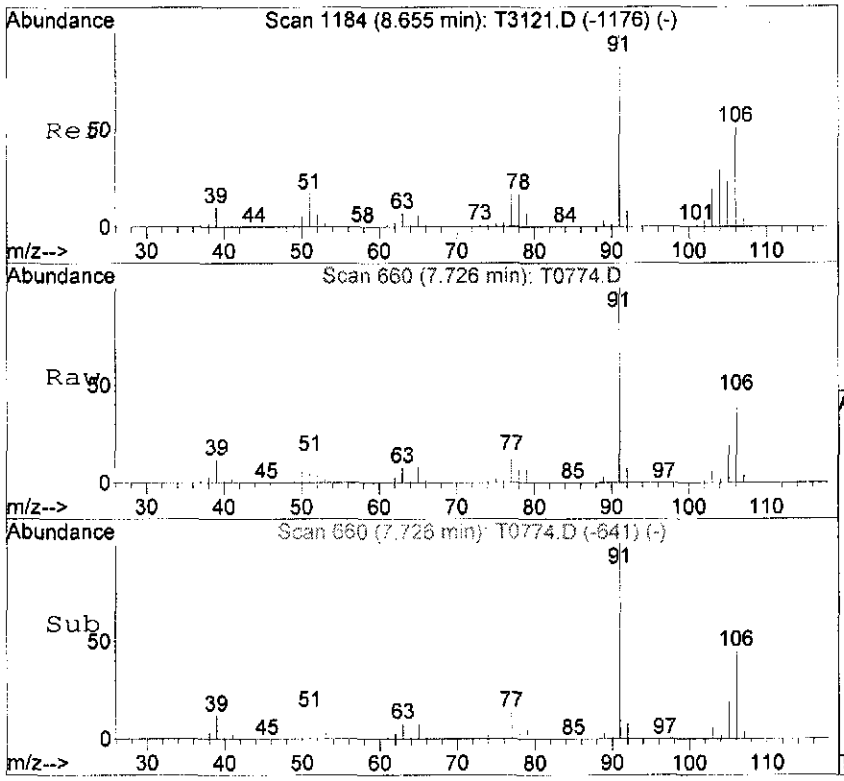




#57
C246 m,p-Xylene
Concen: 64.08 ug/L
RT: 7.41 min Scan# 629
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

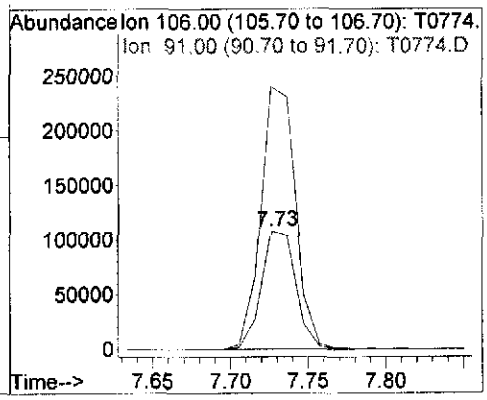
Tgt Ion:106	Resp:	485559	
Ion	Ratio	Lower	Upper
106	100		
91	210.2	189.6	229.6

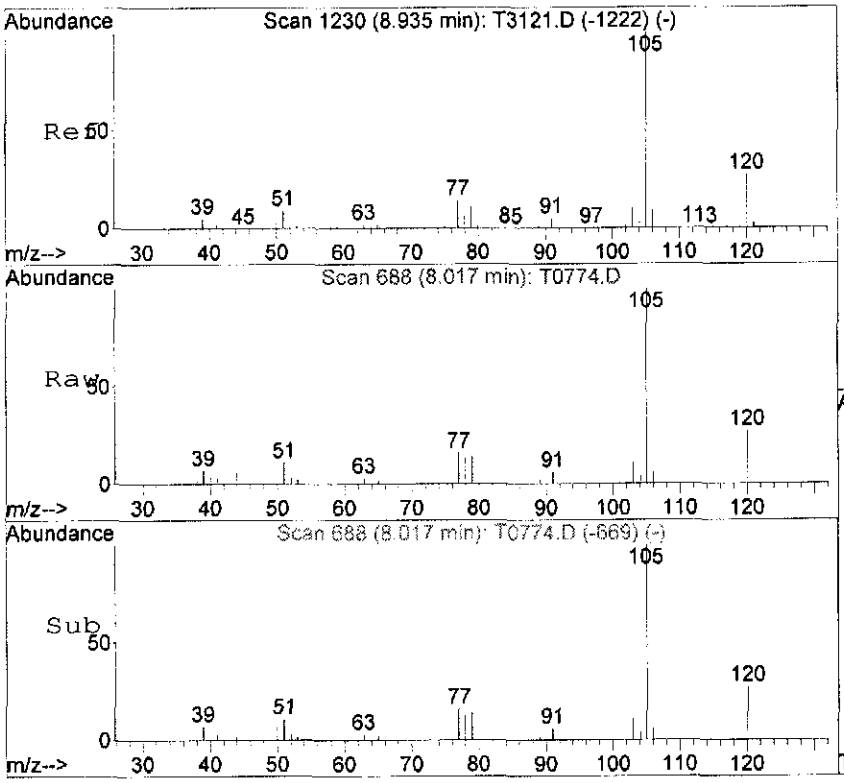




#58
C247 o-Xylene
Concen: 22.53 ug/L
RT: 7.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion:106	Resp:	165620	
Ion	Ratio	Lower	Upper
106	100		
91	223.5	192.1	232.1

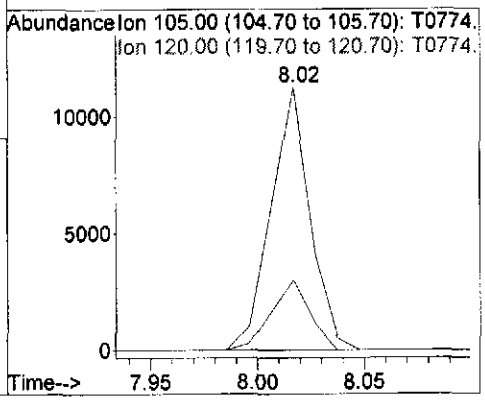


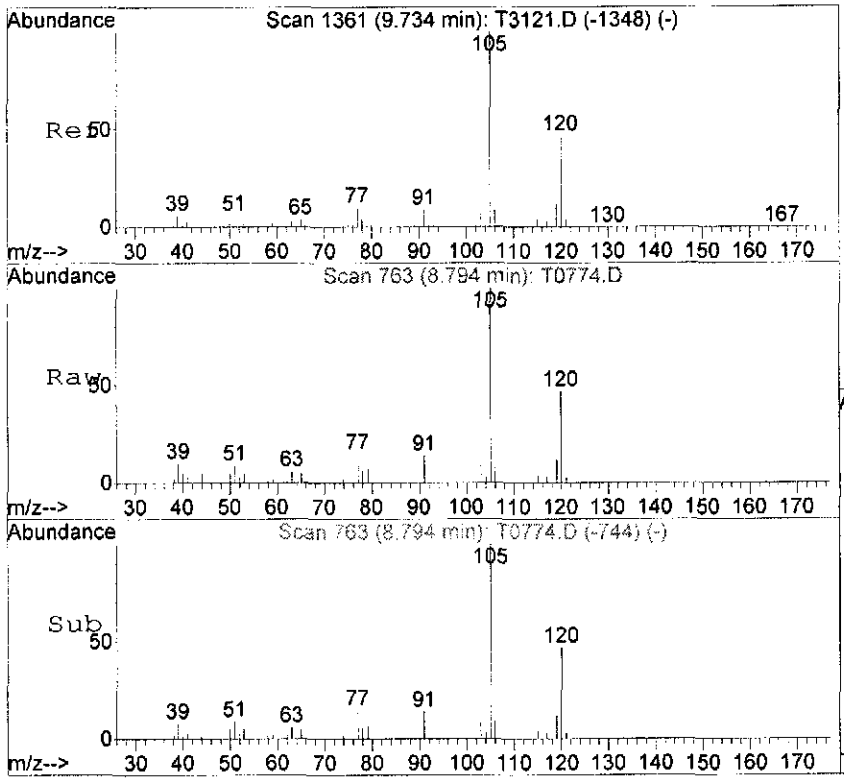


#63
C966 Isopropylbenzene
Concen: 0.76 ug/L
RT: 8.02 min Scan# 688
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion:105 Resp: 14267

Ion	Ratio	Lower	Upper
105	100		
120	26.6	5.8	45.8

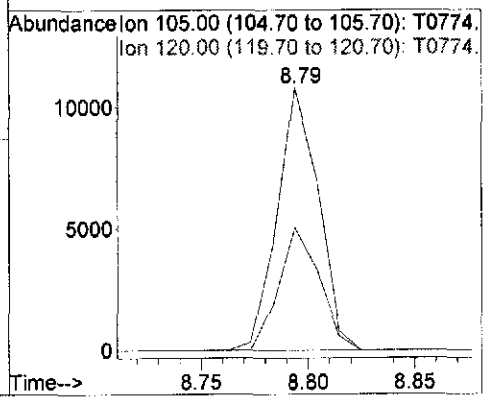


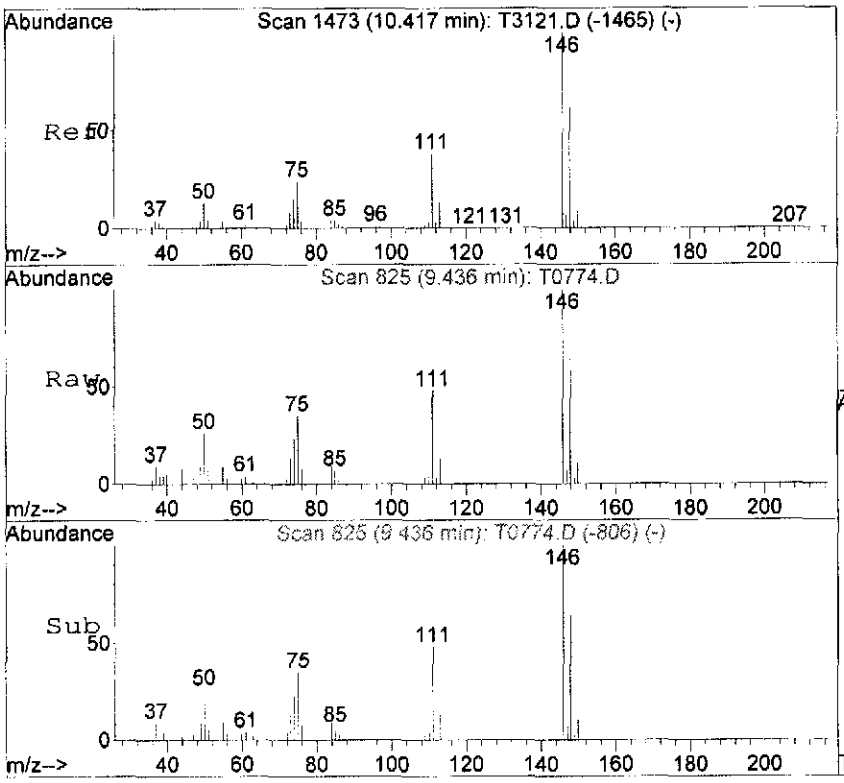


#73
C307 1,2,4-Trimethylbenzene
Concen: 0.89 ug/L
RT: 8.79 min Scan# 763
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion:105 Resp: 14476

Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.1	62.1

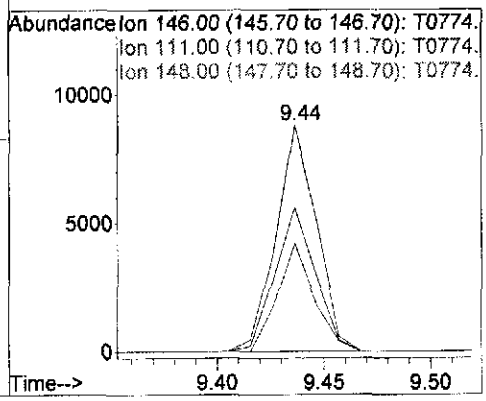




#78
C249 1,2-Dichlorobenzene
Concen: 1.40 ug/L
RT: 9.44 min Scan# 825
Delta R.T. -0.00 min
Lab File: T0774.D
Acq: 10 Jul 2010 18:41

Tgt Ion:146 Resp: 11574

Ion	Ratio	Lower	Upper
146	100		
111	47.7	19.9	59.9
148	63.6	45.9	85.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

FB-070710

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-16	File ID:	T0741.D
Sampled:	07/07/10 11:35	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 18:16
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

FB-070710

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-16 File ID: T0741.D

Sampled: 07/07/10 11:35 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 18:16

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.2	93	66 - 137	
4-Bromofluorobenzene	25.0	21.6	86	73 - 120	
Toluene-d8	25.0	22.0	88	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	103744	9.1	137661	9.1	
1,4-Difluorobenzene	247153	5.01	308978	5.01	
Chlorobenzene-d5	202669	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0741.D Vial: 21
Acq On : 9 Jul 2010 18:16 Operator: LH
Sample : RTG0721-16 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:04 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	247153	25.00	ug/L	0.00 79.99%
42) CI20	Chlorobenzene-D5	7.23	117	202669	25.00	ug/L	0.00 76.26%
61) CI30	1,4-Dichlorobenzene-	9.10	152	103744	25.00	ug/L	0.00 75.36%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	122003	23.16	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	92.64%		
43) CS05	Toluene-D8	6.11	98	293631	22.04	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	88.16%		
60) CS10	p-Bromofluorobenzene	8.17	174	79706	21.58	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.32%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	1.33	50	649	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	1.68	94	315	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.00	84	434	N.D.
10) C040	Carbon disulfide	2.69	76	1352	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.67	43	3007	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	4.13	43	268	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	5.19	95	1100	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0741.D Vial: 21
Acq On : 9 Jul 2010 18:16 Operator: LH
Sample : RTG0721-16 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:04 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1459	N.D.		
49) C220	Tetrachloroethene	6.56	166	190	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.76	43	683	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	1229	N.D.		
57) C246	m,p-Xylene	7.42	106	905	N.D.		
58) C247	o-Xylene	7.73	106	309	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	9.44	146	129	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

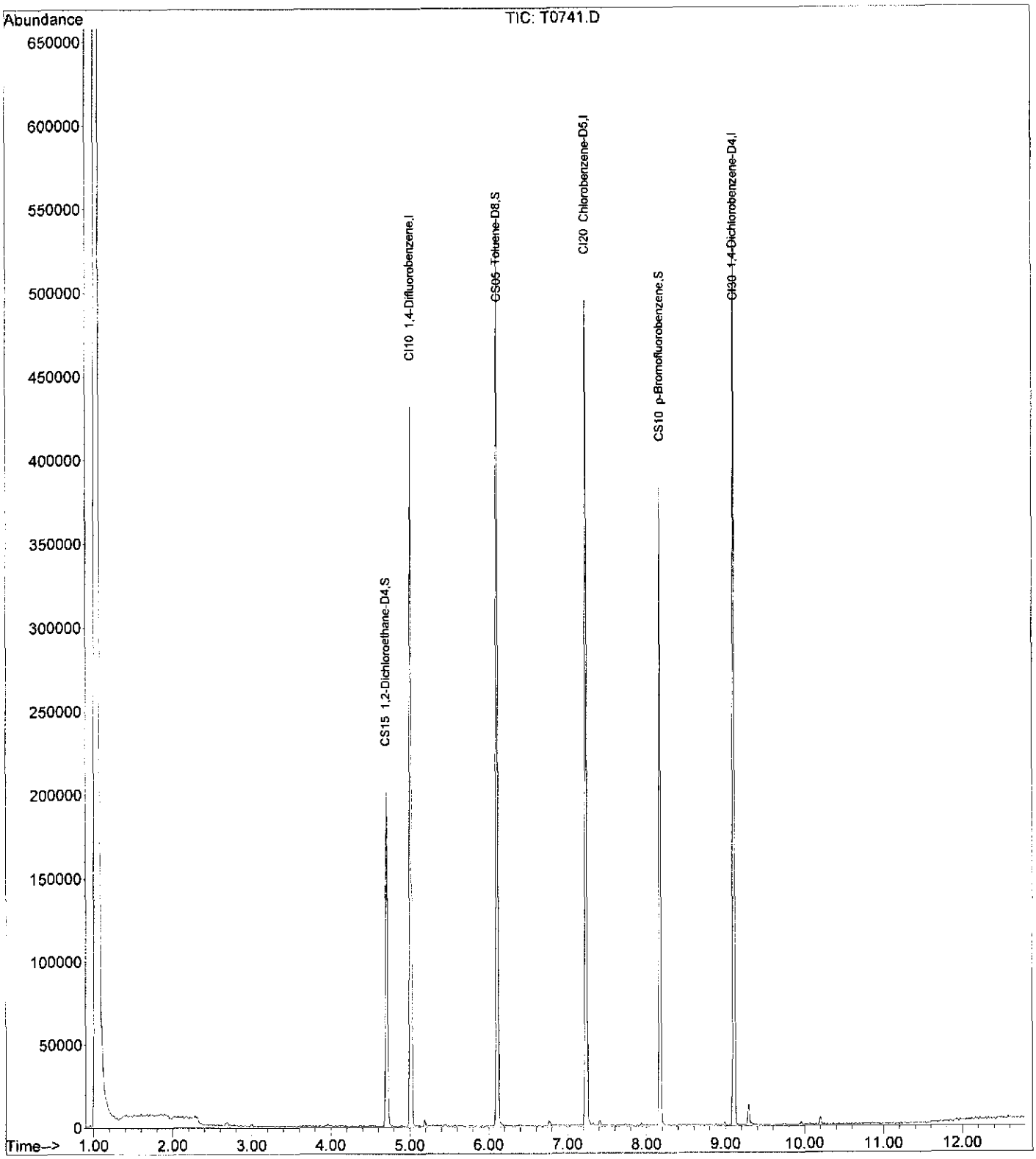
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0741.D
Acq On : 9 Jul 2010 18:16
Sample : RTG0721-16
Misc :
MS Integration Params: RTEINT.P

Vial: 21
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:16:04 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (25-27)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-17 File ID: T0742.D

Sampled: 07/07/10 10:55 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 18:39

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	0.50	J
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	3.1	J
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	0.50	J
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (25-27)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-17 File ID: T0742.D

Sampled: 07/07/10 10:55 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 18:39

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	5.5	
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	21	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	21.2	85	73 - 120	
Toluene-d8	25.0	22.3	89	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	108220	9.1	137661	9.1	
1,4-Difluorobenzene	255662	5.01	308978	5.01	
Chlorobenzene-d5	217793	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0742.D
Acq On : 9 Jul 2010 18:39
Sample : RTG0721-17
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:23 2010

Vial: 22
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

S+S NJG 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	255662	25.00	ug/L	0.00 82.74%
42) CI20	Chlorobenzene-D5	7.23	117	217793	25.00	ug/L	0.00 81.95%
61) CI30	1,4-Dichlorobenzene-	9.10	152	108220	25.00	ug/L	0.00 78.61%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	125559	23.04	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	92.16%		
43) CS05	Toluene-D8	6.11	98	318681	22.26	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.04%		
60) CS10	p-Bromofluorobenzene	8.17	174	84026	21.17	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	84.68%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.33	50	377	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.72	94	180	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	6542	0.50	ug/L #	91
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.31	53	132	N.D.		
13) C035	Acetone	2.68	43	7818	3.08	ug/L #	68
14) C300	Acetonitrile	2.93	41	162	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.50	101	1325	0.50	ug/L #	74
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.92	43	716	N.D.		
20) C050	1,1-Dichloroethane	3.59	63	286	N.D.		
21) C125	Vinyl Acetate	3.61	43	155	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	2561	0.52	ug/L	89
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.41	97	706	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	2239	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.13	43	1937	N.D.		
34) C256	Cyclohexane	4.41	56	137	N.D.		
35) C150	Trichloroethene	5.19	95	101599	21.14	ug/L	97
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

AMM 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0742.D Vial: 22
Acq On : 9 Jul 2010 18:39 Operator: LH
Sample : RTG0721-17 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:23 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	318	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.15	92	1813	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	6.56	83	369	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1627	N.D.		
49) C220	Tetrachloroethene	6.56	166	24249	5.48	ug/L	96
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.76	43	184	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	1247	N.D.		
57) C246	m,p-Xylene	7.41	106	883	N.D.		
58) C247	o-Xylene	7.74	106	372	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.42	105	144	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.79	105	298	N.D.		
74) C308	sec-Butylbenzene	8.79	105	298	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

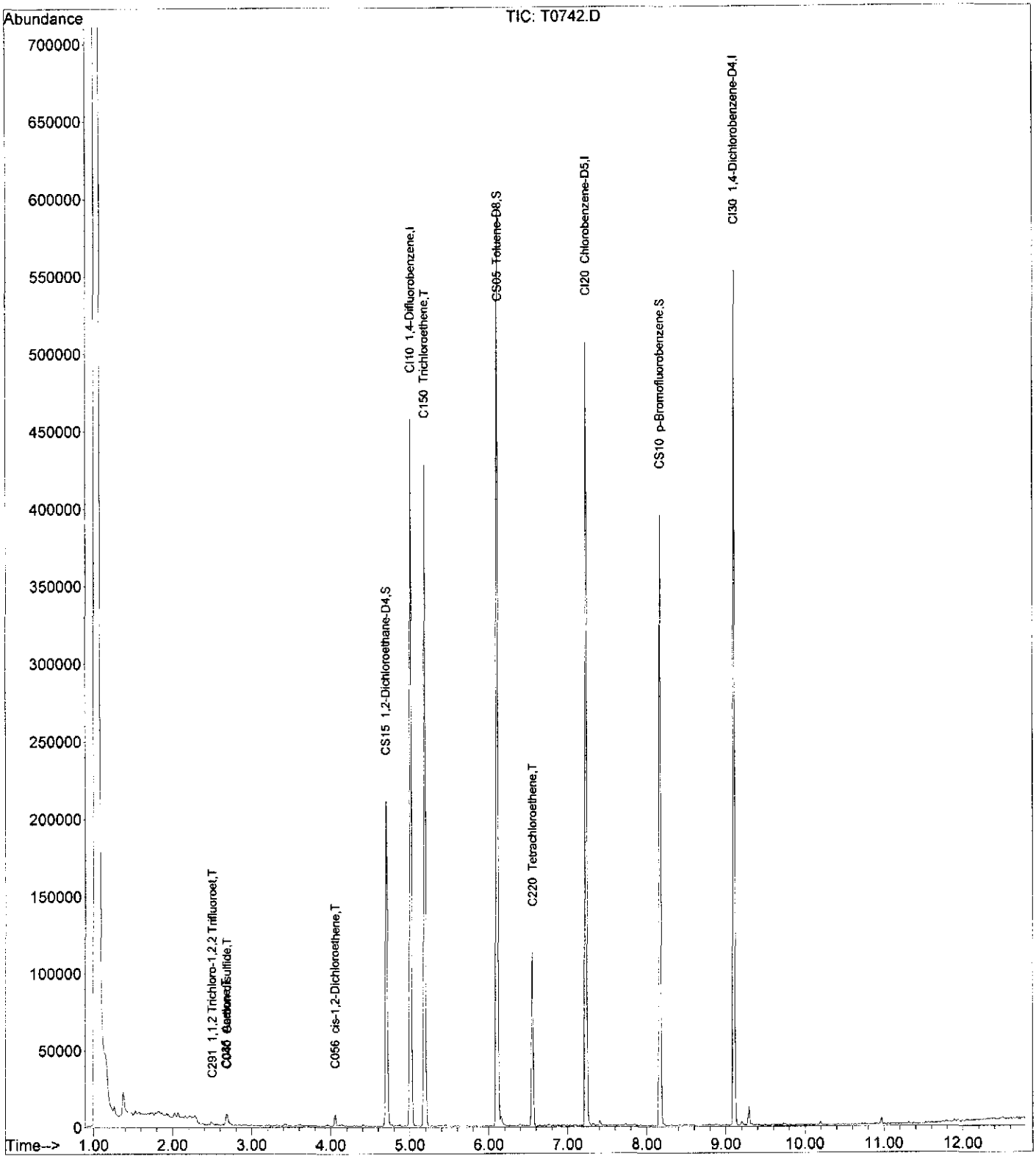
(#) = qualifier out of range (m) = manual integration (+) = signals summed

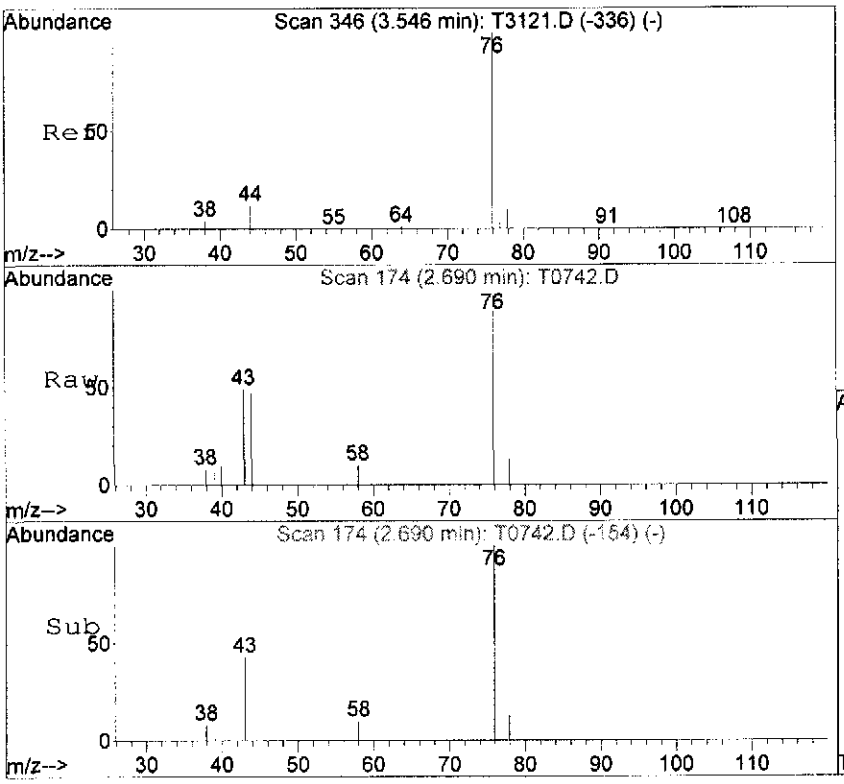
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0742.D
Acq On : 9 Jul 2010 18:39
Sample : RTG0721-17
Misc :
MS Integration Params: RTEINT.P

Vial: 22
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:16:23 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

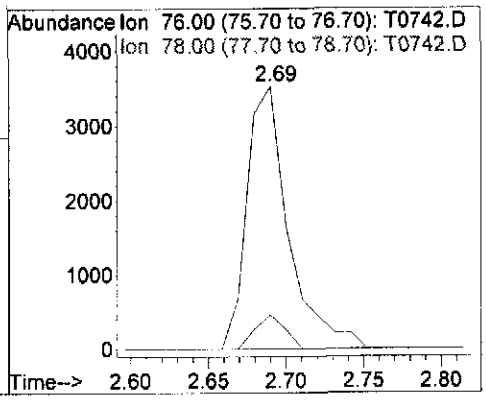


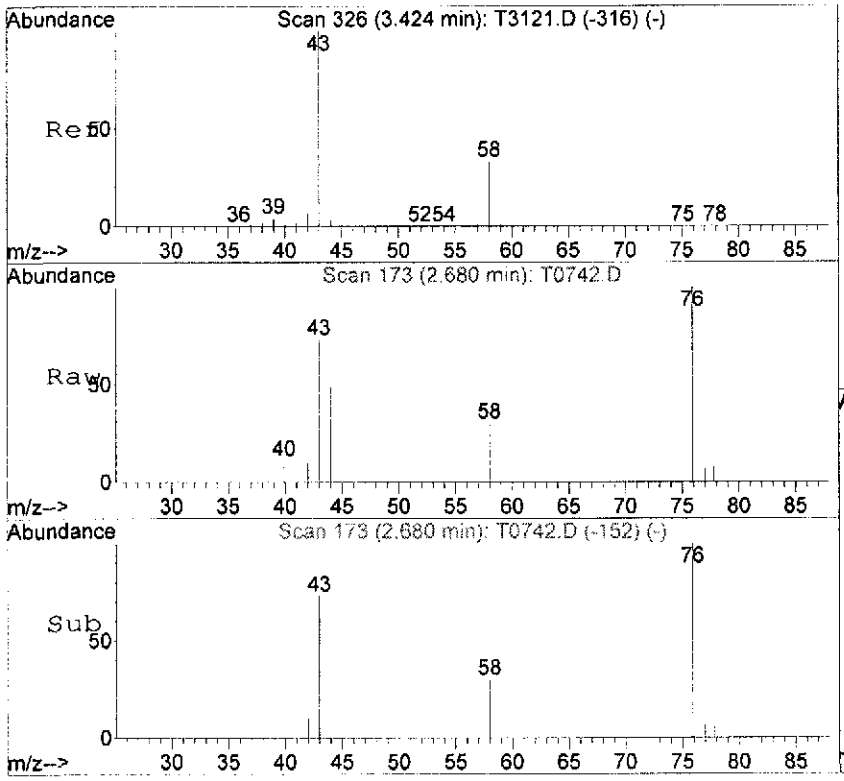


#10
C040 Carbon disulfide
Concen: 0.50 ug/L
RT: 2.69 min Scan# 174
Delta R.T. 0.01 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion: 76 Resp: 6542

Ion	Ratio	Lower	Upper
76	100		
78	13.0	7.8	11.6#

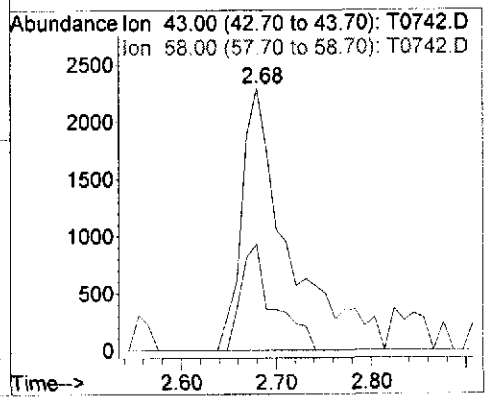


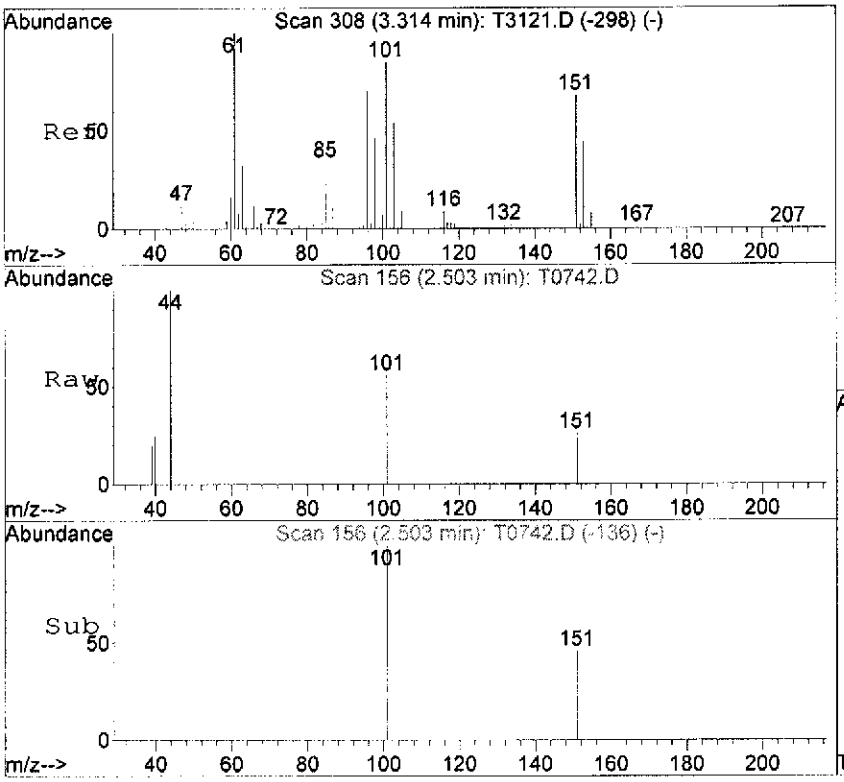


#13
C035 Acetone
Concen: 3.08 ug/L
RT: 2.68 min Scan# 173
Delta R.T. 0.02 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion: 43 Resp: 7818

Ion	Ratio	Lower	Upper
43	100		
58	40.7	19.7	29.5#

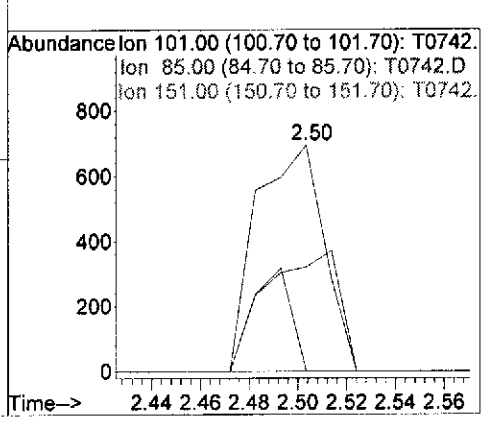


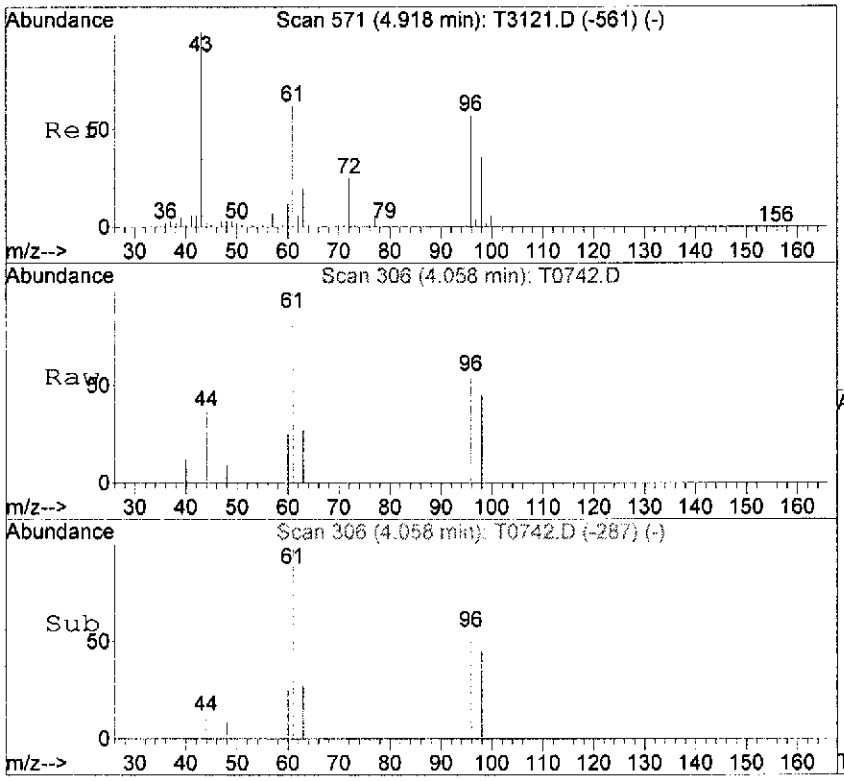


#16
C291 1,1,2 Trichloro-1,2,2 Tr
Concen: 0.50 ug/L
RT: 2.50 min Scan# 156
Delta R.T. 0.01 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion:101 Resp: 1325

Ion	Ratio	Lower	Upper
101	100		
85	26.0	36.9	55.3#
151	57.7	63.0	94.6#

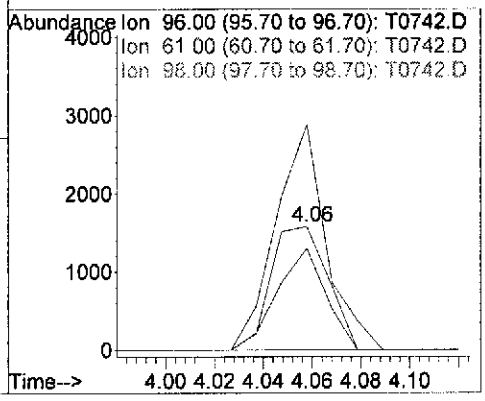


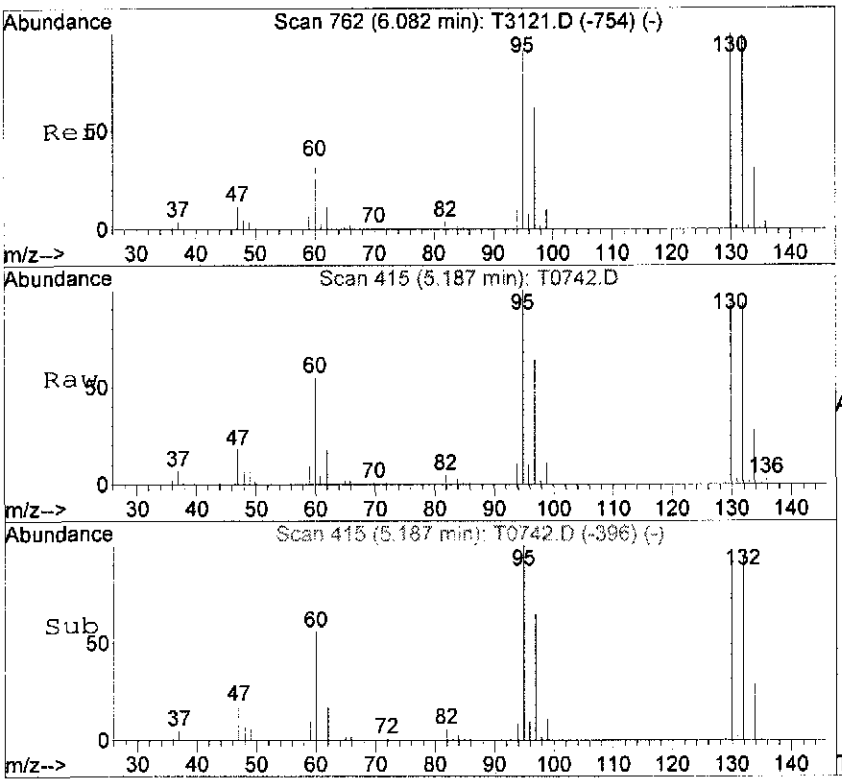


#23
C056 cis-1,2-Dichloroethene
Concen: 0.52 ug/L
RT: 4.06 min Scan# 306
Delta R.T. -0.00 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion: 96 Resp: 2561

Ion	Ratio	Lower	Upper
96	100		
61	182.5	152.8	192.8
98	82.3	44.6	84.6

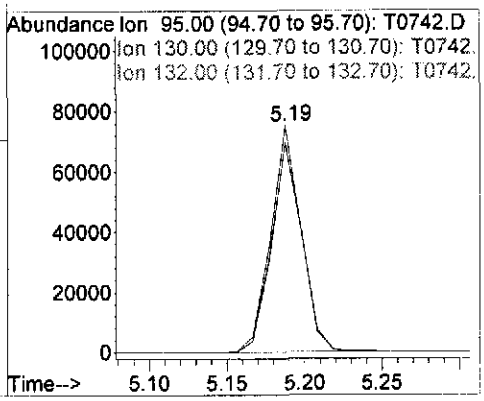


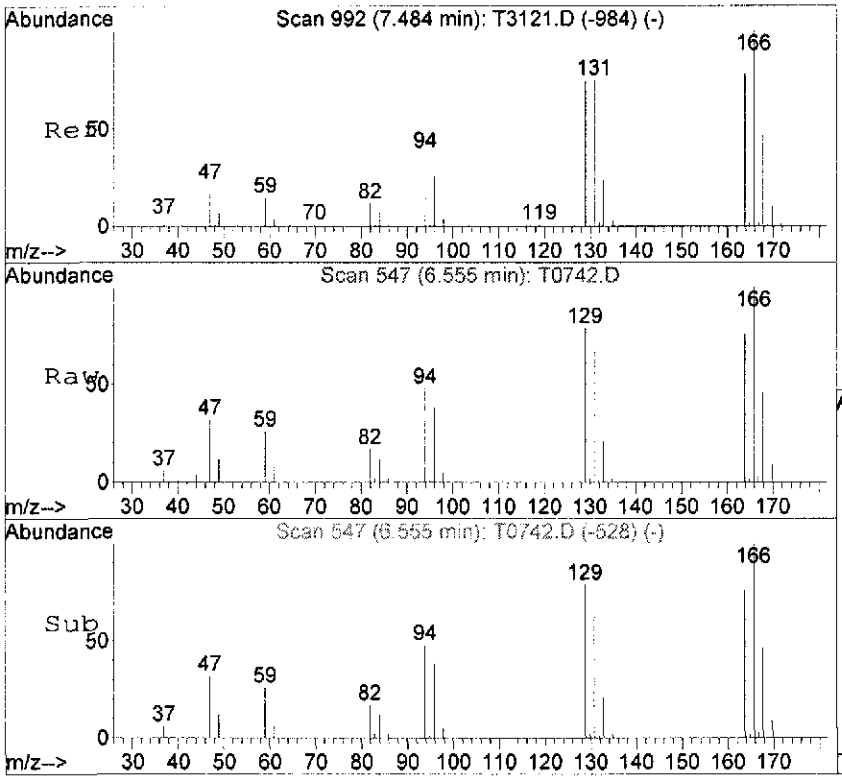


#35
C150 Trichloroethene
Concen: 21.14 ug/L
RT: 5.19 min Scan# 415
Delta R.T. -0.00 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion: 95 Resp: 101599

Ion	Ratio	Lower	Upper
95	100		
130	92.6	75.1	115.1
132	92.8	70.0	110.0

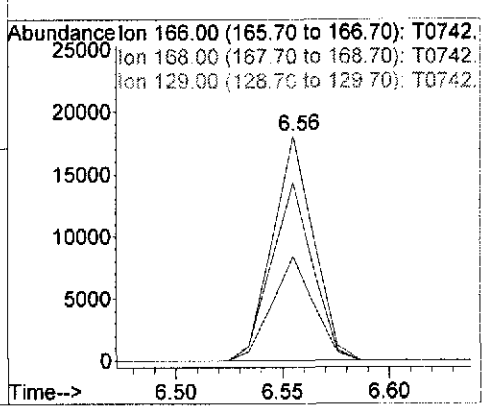




#49
C220 Tetrachloroethene
Concen: 5.48 ug/L
RT: 6.56 min Scan# 547
Delta R.T. -0.00 min
Lab File: T0742.D
Acq: 9 Jul 2010 18:39

Tgt Ion:166 Resp: 24249

Ion	Ratio	Lower	Upper
166	100		
168	45.2	26.2	66.2
129	77.1	51.9	91.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (30-32)

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-18 File ID: T0743.D

Sampled: 07/07/10 10:40 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 19:03

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

WL-9 (30-32)

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-18	File ID:	T0743.D
Sampled:	07/07/10 10:40	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 19:03
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	5.8	
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	23	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	90	66 - 137	
4-Bromofluorobenzene	25.0	21.7	87	73 - 120	
Toluene-d8	25.0	22.2	89	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	107094	9.1	137661	9.1	
1,4-Difluorobenzene	253405	5.01	308978	5.01	
Chlorobenzene-d5	211952	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0743.D
Acq On : 9 Jul 2010 19:03
Sample : RTG0721-18
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:42 2010

Vial: 23
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SRG M116 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	253405	25.00	ug/L	0.00 82.01%
42) CI20	Chlorobenzene-D5	7.23	117	211952	25.00	ug/L	0.00 79.75%
61) CI30	1,4-Dichlorobenzene-	9.10	152	107094	25.00	ug/L	0.00 77.80%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	122117	22.61	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.44%		
43) CS05	Toluene-D8	6.11	98	309583	22.22	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	88.88%		
60) CS10	p-Bromofluorobenzene	8.17	174	83830	21.70	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.80%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.34	50	447	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.75	94	326	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	4545	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.68	43	6425	2.56	ug/L #	80
14) C300	Acetonitrile	2.94	41	139	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	2.49	101	947	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.94	43	733	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	162	N.D.		
21) C125	Vinyl Acetate	3.60	43	171	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	3243	0.67	ug/L #	65
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.41	97	580	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.71	78	2548	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	4.14	43	1854	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	109982	23.09	ug/L	99
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0743.D Vial: 23
Acq On : 9 Jul 2010 19:03 Operator: LH
Sample : RTG0721-18 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:42 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	330	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.16	92	2101	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	6.56	83	404	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1841	N.D.		
49) C220	Tetrachloroethene	6.56	166	24823	5.76	ug/L	93
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	1083	N.D.		
57) C246	m,p-Xylene	7.41	106	547	N.D.		
58) C247	o-Xylene	7.73	106	144	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.80	105	147	N.D.		
74) C308	sec-Butylbenzene	8.80	105	147	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

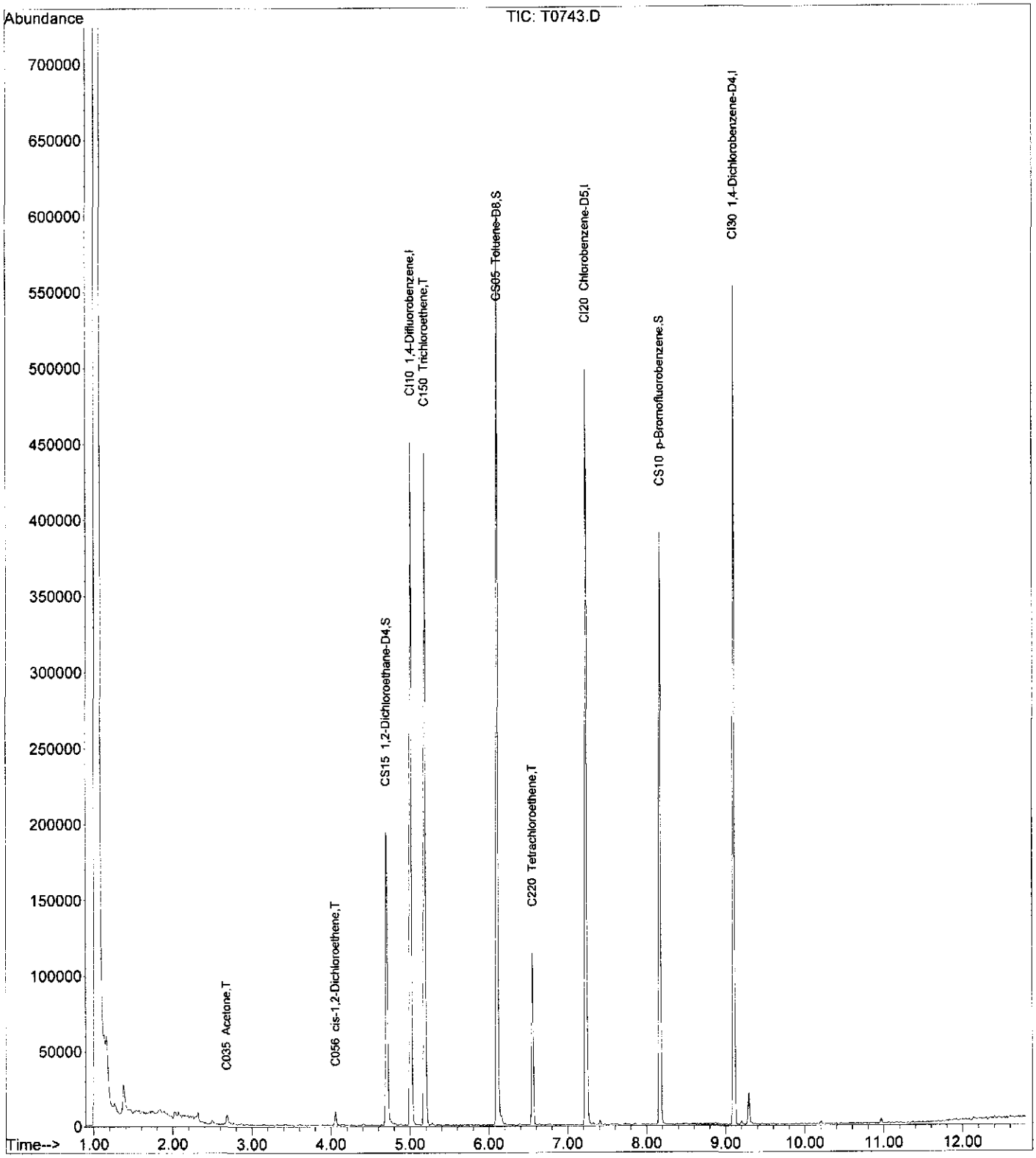
(#) = qualifier out of range (m) = manual integration (+) = signals summed

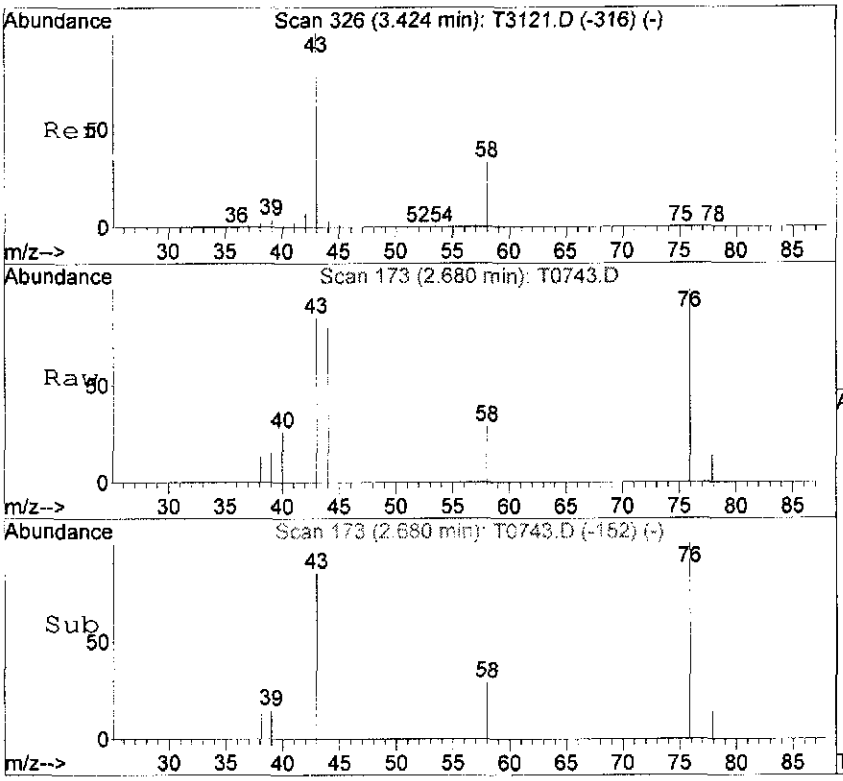
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0743.D
Acq On : 9 Jul 2010 19:03
Sample : RTG0721-18
Misc :
MS Integration Params: RTEINT.P

Vial: 23
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:16:42 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

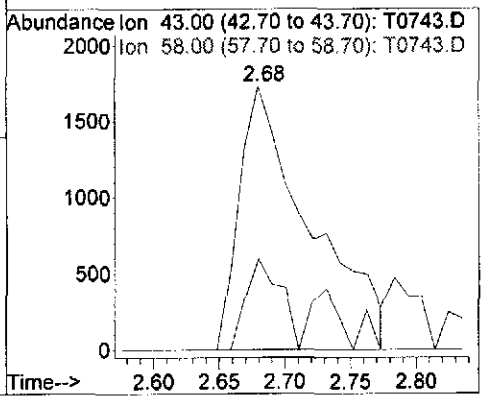


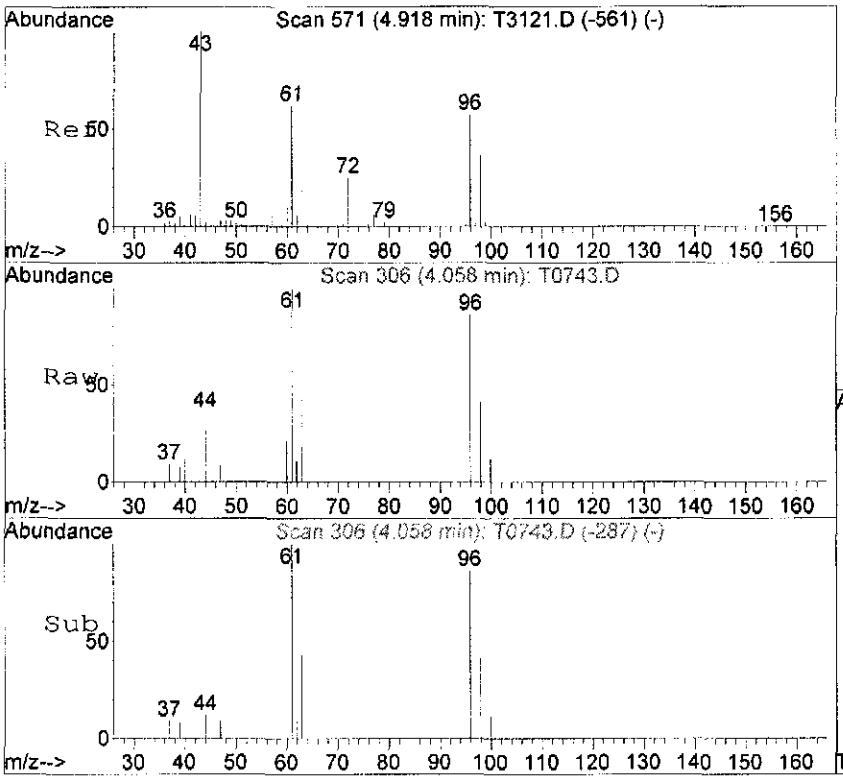


#13
C035 Acetone
Concen: 2.56 ug/L
RT: 2.68 min Scan# 173
Delta R.T. 0.02 min
Lab File: T0743.D
Acq: 9 Jul 2010 19:03

Tgt Ion: 43 Resp: 6425

Ion	Ratio	Lower	Upper
43	100		
58	34.4	19.7	29.5#

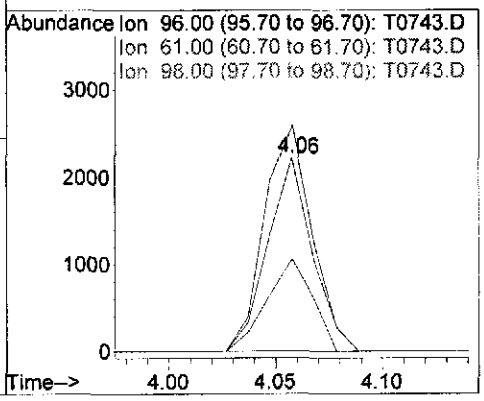


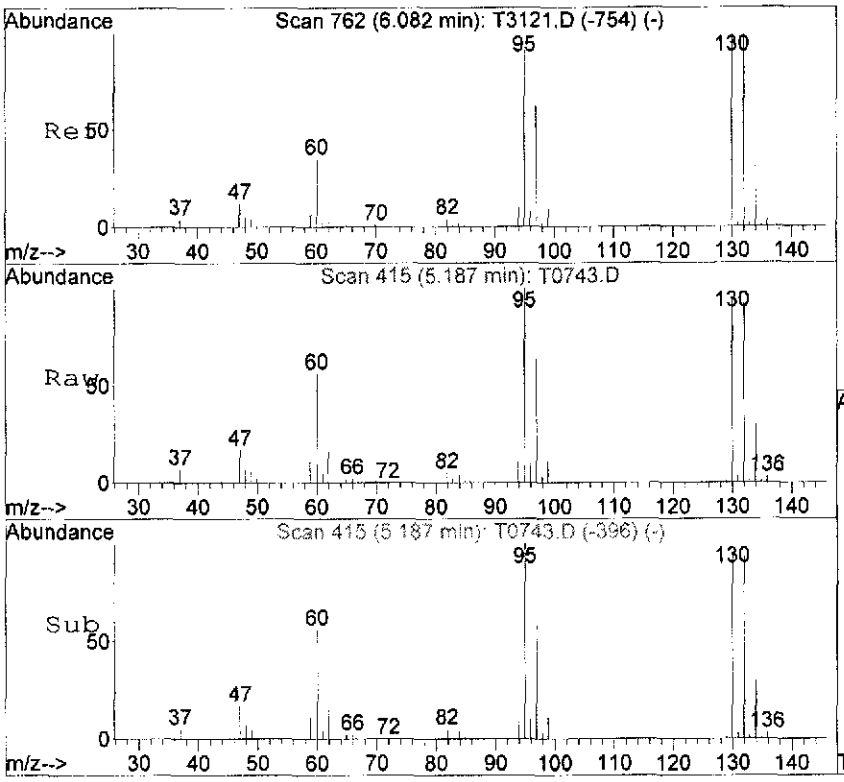


#23
C056 cis-1,2-Dichloroethene
Concen: 0.67 ug/L
RT: 4.06 min Scan# 306
Delta R.T. -0.00 min
Lab File: T0743.D
Acq: 9 Jul 2010 19:03

Tgt Ion: 96 Resp: 3243

Ion	Ratio	Lower	Upper
96	100		
61	116.8	152.8	192.8#
98	47.7	44.6	84.6

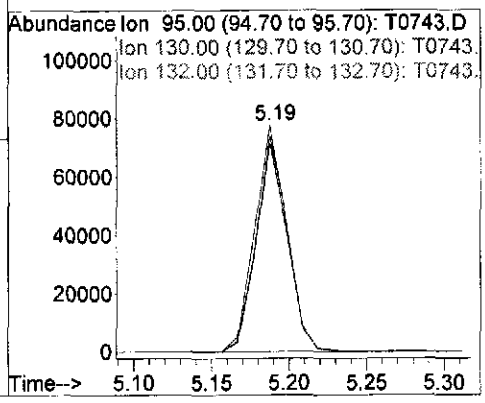


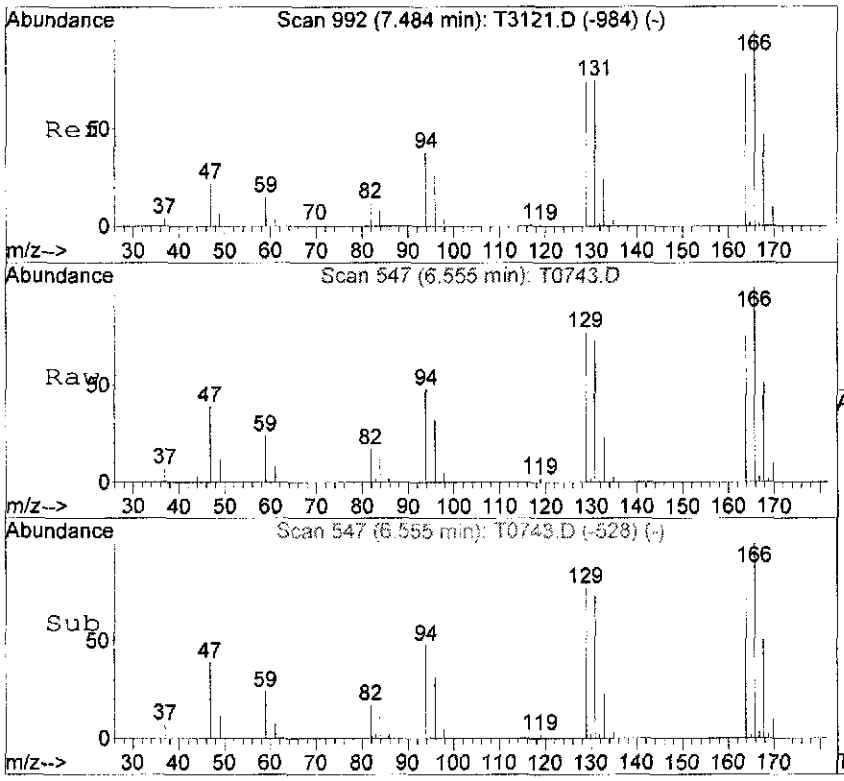


#35
C150 Trichloroethene
Concen: 23.09 ug/L
RT: 5.19 min Scan# 415
Delta R.T. -0.00 min
Lab File: T0743.D
Acq: 9 Jul 2010 19:03

Tgt Ion: 95 Resp: 109982

Ion	Ratio	Lower	Upper
95	100		
130	95.2	75.1	115.1
132	92.2	70.0	110.0

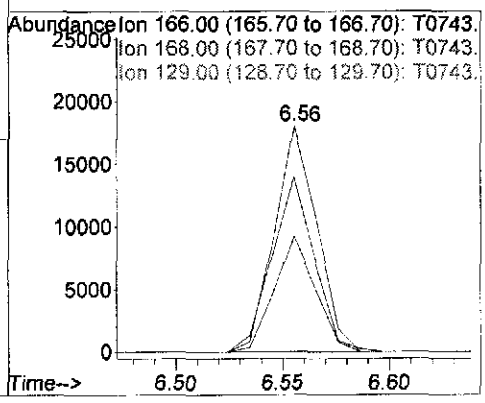




#49
C220 Tetrachloroethene
Concen: 5.76 ug/L
RT: 6.56 min Scan# 547
Delta R.T. -0.00 min
Lab File: T0743.D
Acq: 9 Jul 2010 19:03

Tgt Ion:166 Resp: 24823

Ion	Ratio	Lower	Upper
166	100		
168	51.2	26.2	66.2
129	77.4	51.9	91.9



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

TB-070710

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: RTG0721-19 File ID: T0744.D

Sampled: 07/07/10 00:00 Prepared: 07/09/10 10:33 Analyzed: 07/09/10 19:27

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

TB-070710

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	RTG0721-19	File ID:	T0744.D
Sampled:	07/07/10 00:00	Prepared:	07/09/10 10:33	Analyzed:	07/09/10 19:27
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.0	92	66 - 137	
4-Bromofluorobenzene	25.0	21.5	86	73 - 120	
Toluene-d8	25.0	22.6	90	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	105809	9.1	137661	9.1	
1,4-Difluorobenzene	247761	5.01	308978	5.01	
Chlorobenzene-d5	207218	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0744.D
Acq On : 9 Jul 2010 19:27
Sample : RTG0721-19
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:54 2010

Vial: 24
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	247761	25.00	ug/L	0.00 80.19%
42) CI20	Chlorobenzene-D5	7.23	117	207218	25.00	ug/L	0.00 77.97%
61) CI30	1,4-Dichlorobenzene-	9.10	152	105809	25.00	ug/L	0.00 76.86%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	121633	23.03	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	92.12%		
43) CS05	Toluene-D8	6.11	98	307455	22.57	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	90.28%		
60) CS10	p-Bromofluorobenzene	8.17	174	81327	21.54	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.16%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	1.34	50	127	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	1.74	94	134	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.00	84	706	N.D.
10) C040	Carbon disulfide	2.69	76	729	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.67	43	1633	N.D.
14) C300	Acetonitrile	2.91	41	125	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0744.D Vial: 24
Acq On : 9 Jul 2010 19:27 Operator: LH
Sample : RTG0721-19 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:16:54 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.10	43	1890	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	6.77	43	129	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.24	91	403	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
74) C308	sec-Butylbenzene	0.00	105	0	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

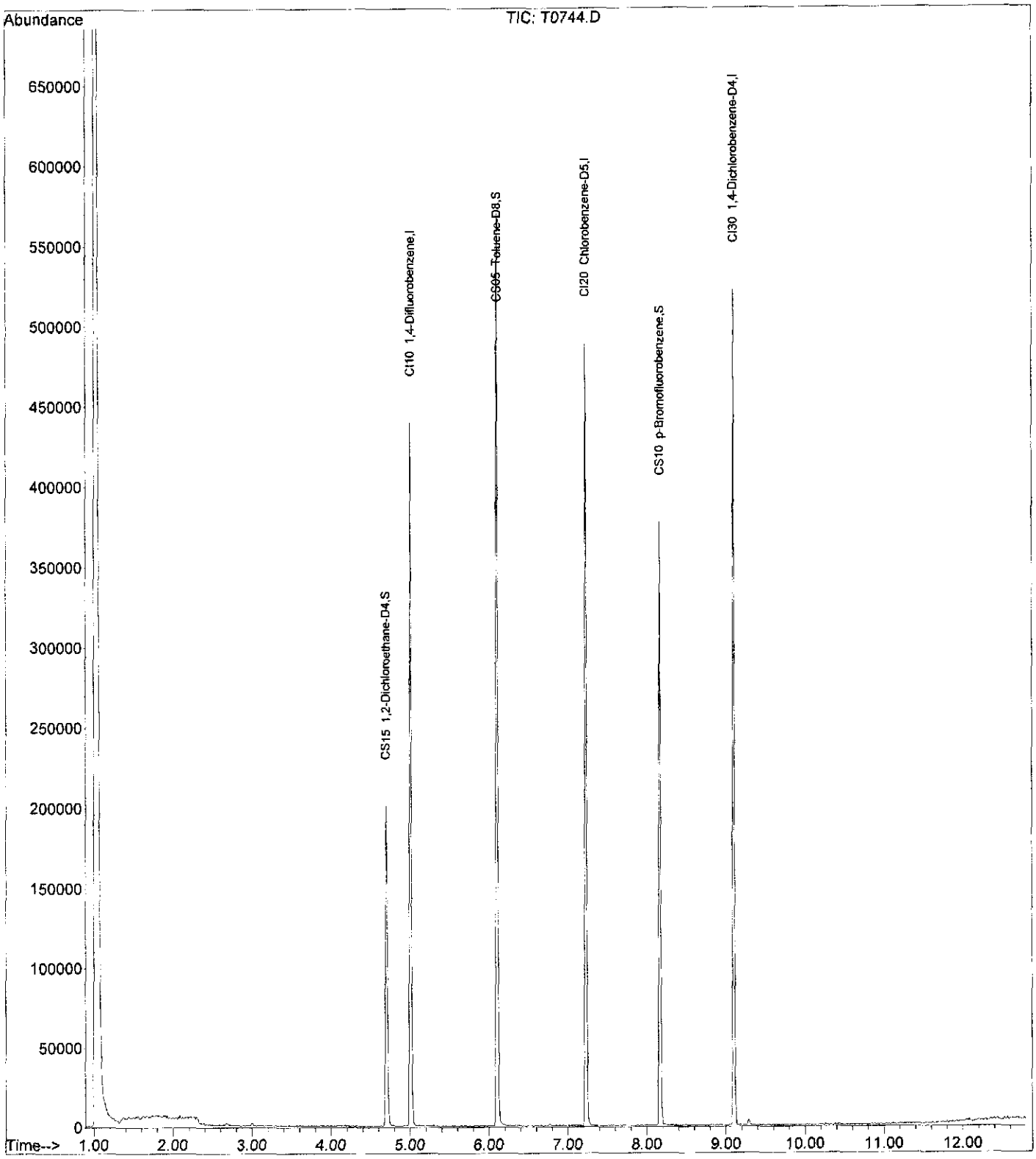
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0744.D
Acq On : 9 Jul 2010 19:27
Sample : RTG0721-19
Misc :
MS Integration Params: RTEINT.P

Vial: 24
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:16:54 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10G037

Instrument: HP5973G

Calibration Date: 07/07/10 16:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1-Trichloroethane	1	0.5104944	5	0.5203331	10	0.4950218	25	0.5435727	50	0.5753436	100	0.5673345
1,1,2,2-Tetrachloroethane	1	0.7859253	5	0.7606956	10	0.803728	25	0.8193919	50	0.8456947	100	0.8339794
1,1,2-Trichloroethane	1	0.4828418	5	0.4511645	10	0.4382826	25	0.4560149	50	0.4711839	100	0.458898
1,1,2-Trichlorotrifluoroethane	1	0.237937	5	0.2684933	10	0.2554563	25	0.2889397	50	0.2948472	100	0.3007234
1,1-Dichloroethane	1	0.6765467	5	0.635558	10	0.6060408	25	0.6387631	50	0.6658997	100	0.6383054
1,1-Dichloroethene	1	0.2872869	5	0.28148	10	0.2623343	25	0.2895045	50	0.2991246	100	0.2897596
1,2,4-Trichlorobenzene	1	1.184966	5	1.028926	10	1.109867	25	1.184754	50	1.21244	100	1.230638
1,2-Dibromo-3-chloropropane	1	0.1486759	5	0.1503585	10	0.177775	25	0.187752	50	0.1981747	100	0.2052135
1,2-Dibromoethane (EDB)	1	0.6150189	5	0.5503392	10	0.5539605	25	0.5749856	50	0.5982883	100	0.5868088
1,2-Dichlorobenzene	1	1.612292	5	1.447467	10	1.410979	25	1.506817	50	1.531148	100	1.493563
1,2-Dichloroethane	1	0.6093201	5	0.5959869	10	0.5823259	25	0.6099012	50	0.6353905	100	0.6136181
1,2-Dichloroethane-d4	1	0.6162442	5	0.5105549	10	0.4856509	25	0.4808266	50	0.511679	100	0.485036
1,2-Dichloroethene, Total	2	0.3380845	10	0.3336431	20	0.3109275	50	0.3224906	100	0.3340134	200	0.3220677
1,2-Dichloropropane	1	0.383217	5	0.3437397	10	0.3462506	25	0.3664628	50	0.3705385	100	0.3640978
1,3-Dichlorobenzene	1	1.513175	5	1.467925	10	1.459675	25	1.518457	50	1.532223	100	1.472502
1,4-Dichlorobenzene	1	1.613695	5	1.489946	10	1.494649	25	1.591585	50	1.600873	100	1.572217
2-Butanone (MEK)	5	0.2549325	25	0.2486364	50	0.2501867	125	0.2504788	250	0.2656588	500	0.2528302
2-Hexanone	5	0.711045	25	0.6812624	50	0.69743	125	0.7209575	250	0.7511115	500	0.7034942
4-Bromofluorobenzene	1	0.9112312	5	0.7340542	10	0.6943606	25	0.7231639	50	0.7521078	100	0.7028395
4-Methyl-2-pentanone (MIBK)	5	0.9890462	25	0.9576986	50	0.9579521	125	0.9881578	250	1.020025	500	0.9517157
Acetone	5	0.1822673	25	0.1577602	50	0.1559815	125	0.1553913	250	0.1598331	500	0.1563231
Benzene	1	1.351205	5	1.363423	10	1.291485	25	1.345386	50	1.383542	100	1.338347
Bromodichloromethane	1	0.3936661	5	0.4059484	10	0.4019391	25	0.4376864	50	0.4677753	100	0.4746054
Bromoform	1	0.2718713	5	0.2699349	10	0.294894	25	0.3434182	50	0.397696	100	0.4369393
Bromomethane	1	0.2240888	5	0.190344	10	0.1869324	25	0.1982628	50	0.2087092	100	0.2045515
Carbon disulfide	1	0.9183864	5	0.903211	10	0.8394315	25	0.9297432	50	0.968913	100	0.961151
Carbon Tetrachloride	1	0.3406653	5	0.3776323	10	0.3441156	25	0.3977519	50	0.4471375	100	0.4553355
Chlorobenzene	1	1.829467	5	1.61781	10	1.573946	25	1.657147	50	1.705832	100	1.61829
Chlorodibromomethane	1	0.462055	5	0.4493743	10	0.4443448	25	0.518903	50	0.572758	100	0.5981051
Chloroethane	1	0.2104924	5	0.2308064	10	0.2112609	25	0.2341468	50	0.2466737	100	0.2483444
Chloroform	1	0.6460807	5	0.6002139	10	0.5715871	25	0.6038561	50	0.6204644	100	0.6028723
Chloromethane	1	0.5470033	5	0.5170991	10	0.4675483	25	0.5132199	50	0.5375734	100	0.5313962
cis-1,2-Dichloroethene	1	0.3584162	5	0.3445545	10	0.3231238	25	0.3392699	50	0.3494431	100	0.3378474
cis-1,3-Dichloropropene	1	0.5245944	5	0.5287617	10	0.51765	25	0.5556782	50	0.5956209	100	0.5883538
Cyclohexane	1	0.6026478	5	0.6347177	10	0.571357	25	0.6538148	50	0.6783457	100	0.6831524
Dichlorodifluoromethane	1	0.2955958	5	0.3744493	10	0.3314847	25	0.3771893	50	0.4024514	100	0.398944
Ethylbenzene	1	3.024257	5	2.887122	10	2.785397	25	3.042169	50	3.095358	100	2.935814
Isopropylbenzene	1	3.144636	5	3.065324	10	2.998661	25	3.244172	50	3.307513	100	3.242705
Methyl Acetate	1	0.5243426	5	0.4996308	10	0.5151954	25	0.5231628	50	0.5510242	100	0.5051933
Methyl tert-Butyl Ether	1	1.317844	5	1.248351	10	1.239479	25	1.289443	50	1.305107	100	1.28663
Methylcyclohexane	1	0.54373	5	0.5514502	10	0.5228533	25	0.5832375	50	0.615328	100	0.6145725
Methylene Chloride	1	0.5399533	5	0.3562425	10	0.3652353	25	0.3573544	50	0.3574354	100	0.3487247
Styrene	1	1.781793	5	1.81249	10	1.818327	25	1.958306	50	2.006663	100	1.922997
Tetrachloroethene	1	0.6448435	5	0.6611948	10	0.6016244	25	0.654275	50	0.6824032	100	0.664421

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

Client: ARCADIS U.S., Inc. - Albany, NY

Calibration: R10G037

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973G

Calibration Date: 07/07/10 16:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Toluene	1	1.660235	5	1.495408	10	1.42052	25	1.533383	50	1.585414	100	1.502053
Toluene-d8	1	2.824749	5	2.192048	10	2.084749	25	2.314057	50	2.287163	100	2.128161
trans-1,2-Dichloroethene	1	0.3177529	5	0.3227318	10	0.2987313	25	0.3057113	50	0.3185837	100	0.306288
trans-1,3-Dichloropropene	1	0.9534827	5	0.921976	10	0.9265052	25	1.027442	50	1.073259	100	1.055489
Trichloroethene	1	0.3556465	5	0.3308294	10	0.3107997	25	0.3308688	50	0.3477481	100	0.3339688
Trichlorofluoromethane	1	0.5375613	5	0.5574852	10	0.4984863	25	0.5654583	50	0.5900217	100	0.5799612
Vinyl acetate	5	0.8703709	25	0.8999567	50	0.8960711	125	0.9175482	250	0.965082	500	0.9326711
Vinyl chloride	1	0.434833	5	0.4313106	10	0.3975797	25	0.441462	50	0.4658526	100	0.4492133
Xylenes, total	3	1.220925	15	1.145224	30	1.090208	75	1.185073	150	1.2005	300	1.139728

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10G037

Instrument: HP5973G

Calibration Date: 07/07/10 16:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
1,1,1-Trichloroethane	0.53535	6.000565	5.118333	8.060968E-02			15	
1,1,2,2-Tetrachloroethane	0.8082358	3.900265	10.15	9.659715E-03			SPCC (0.3)	
1,1,2-Trichloroethane	0.459731	3.388258	7.76	1.881332E-02			15	
1,1,2-Trichlorotrifluoroethane	0.2743995	8.994498	2.981667	0.2515217			15	
1,1-Dichloroethane	0.643519	3.875256	4.118333	0.1007428			SPCC (0.1)	
1,1-Dichloroethene	0.284915	4.366212	2.975	0.1829701			CCC (30)	
1,2,4-Trichlorobenzene	1.158599	6.534344	12.85	1.479896E-02			15	
1,2-Dibromo-3-chloropropane	0.1779916	13.45262	12.17	3.12517E-03			15	
1,2-Dibromoethane (EDB)	0.5799002	4.355714	8.276667	6.155503E-02			15	
1,2-Dichlorobenzene	1.500378	4.65128	11.46	0.0169102			15	
1,2-Dichloroethane	0.6077571	2.934422	5.516667	9.312013E-02			15	
1,2-Dichloroethane-d4	0.5149986	9.980003	5.448333	7.421107E-02			15	
1,2-Dichloroethene, Total	0.3268711	3.117128	4.675	0.1180794			15	
1,2-Dichloropropane	0.3623844	4.144755	6.31	2.326782E-02			CCC (30)	
1,3-Dichlorobenzene	1.493993	2.062415	11.03	1.470375E-02			15	
1,4-Dichlorobenzene	1.560494	3.49559	11.11	1.251905E-02			CCC (20)	
2-Butanone (MEK)	0.2537872	2.451888	4.706667	0.1740228			15	
2-Hexanone	0.7108834	3.348304	7.991666	4.980908E-02			15	
4-Bromofluorobenzene	0.7529595	10.66479	9.966667	4.831525E-02			15	
4-Methyl-2-pentanone (MIBK)	0.9774326	2.704648	7.15	1.496182E-03			15	
Acetone	0.1612594	6.457993	3.065	0.1797573			15	
Benzene	1.345565	2.295386	5.47	0.0171434			15	
Bromodichloromethane	0.4302701	8.158504	6.591667	5.876389E-02			15	
Bromoform	0.3357923	20.72535	9.67	1.613194E-02		0.992462	SPCC (0.1)	
Bromomethane	0.2021481	6.696264	2.086667	0.4949607			15	
Carbon disulfide	0.9201394	5.087414	3.203333	0.1619673			15	
Carbon Tetrachloride	0.393773	12.54455	5.26	7.544215E-03			15	
Chlorobenzene	1.667082	5.461738	8.76	1.666568E-02			SPCC (0.3)	
Chlorodibromomethane	0.50759	13.07712	8.17	4.655241E-03			15	
Chloroethane	0.2302874	7.171094	2.188333	0.3438865			15	
Chloroform	0.6075124	4.054832	4.981667	8.052405E-02			CCC (30)	
Chloromethane	0.5189734	5.427591	1.651667	0.8912465			SPCC (0.1)	
cis-1,2-Dichloroethene	0.3421092	3.488978	4.675	0.1180794			15	
cis-1,3-Dichloropropene	0.5517765	6.123748	7.01	1.417187E-02			15	
Cyclohexane	0.6373392	6.880787	5.14	0.0202814			15	
Dichlorodifluoromethane	0.3633524	11.49107	1.523333	0.3394139			15	
Ethylbenzene	2.961686	3.866533	8.858333	4.919737E-02			CCC (30)	
Isopropylbenzene	3.167169	3.752027	9.78	1.957201E-02			15	
Methyl Acetate	0.5197582	3.493193	3.37	0.1875855			15	
Methyl tert-Butyl Ether	1.281142	2.426381	3.705	0.1477932			15	
Methylcyclohexane	0.5718619	6.751231	6.22	1.703992E-02			15	
Methylene Chloride	0.3874909	19.32289	3.473333	0.1488207		0.9997315	0.99	
Styrene	1.883429	4.86384	9.43	1.595321E-02			15	
Tetrachloroethene	0.6514603	4.2069	7.86	3.055508E-03			15	
Toluene	1.532836	5.376418	7.31	1.375628E-02			CCC (30)	
Toluene-d8	2.305155	11.69004	7.25	0			15	
trans-1,2-Dichloroethene	0.3116332	3.00689	3.701667	0.1107483			15	
trans-1,3-Dichloropropene	0.9930256	6.76436	7.573333	0.0662207			15	
Trichloroethene	0.3349769	4.643943	6.08	1.867383E-02			15	
Trichlorofluoromethane	0.554829	5.957522	2.483333	0.4159415			15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

Client: ARCADIS U.S., Inc. - Albany, NY

Calibration: R10G037

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973G

Calibration Date: 07/07/10 16:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
Vinyl acetate	0.9136167	3.59433	4.17	9.120699E-03			15	
Vinyl chloride	*0.4367085*	*5.213691*	*1.786667*	*0.5778051*			*CCC (30)*	
Xylenes, total	1.16361	4.10405	9.4	4.552213E-03			15	

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : R10G037-SIXPT.M
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response Via : Initial Calibration

R10G037
8260 G

Calibration Files
1 =G0173.D 2 =G0174.D 3 =G0175.D
4 =G0176.D 5 =G0177.D 6 =G0178.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.296	0.374	0.331	0.377	0.402	0.399	0.363	11.49
3)	T	C010	Chloromethane	0.547	0.517	0.468	0.513	0.538	0.531	0.519	5.43
4)	T	C020	Vinyl chlorid	0.435	0.431	0.398	0.441	0.466	0.449	0.437	5.21
5)	T	C015	Bromomethane	0.224	0.190	0.187	0.198	0.209	0.205	0.202	6.70
6)	T	C025	Chloroethane	0.210	0.231	0.211	0.234	0.247	0.248	0.230	7.17
7)	T	C275	Trichlorofluo	0.538	0.557	0.498	0.565	0.590	0.580	0.555	5.96
8)	T	C045	1,1-Dichloroe	0.287	0.281	0.262	0.290	0.299	0.290	0.285	4.37
9)	T	C030	Methylene chl	0.540	0.356	0.365	0.357	0.357	0.349	-----	
								LO	M=	0.351	R^2=1.000
10)	T	C040	Carbon disulf	0.918	0.903	0.839	0.930	0.969	0.961	0.920	5.09
11)	T	C036	Acrolein	0.055	0.053	0.051	0.049	0.053	0.050	0.052	4.55
12)	T	C038	Acrylonitrile	0.177	0.173	0.174	0.176	0.182	0.172	0.176	2.09
13)	T	C035	Acetone	0.182	0.158	0.156	0.155	0.160	0.156	0.161	6.46
14)	T	C300	Acetonitrile	0.068	0.063	0.060	0.062	0.064	0.062	0.063	4.21
15)	T	C276	Iodomethane	0.371	0.365	0.348	0.373	0.384	0.381	0.371	3.55
16)	T	C291	1,1,2-Trichlo	0.238	0.268	0.255	0.289	0.295	0.301	0.274	8.99
17)	T	C962	T-butyl Methy	1.318	1.248	1.239	1.289	1.305	1.287	1.281	2.43
18)	T	C057	trans-1,2-Dic	0.318	0.323	0.299	0.306	0.319	0.306	0.312	3.01
19)	T	C255	Methyl Acetat	0.524	0.500	0.515	0.523	0.551	0.505	0.520	3.49
20)	T	C050	1,1-Dichloroe	0.677	0.636	0.606	0.639	0.666	0.638	0.644	3.88
21)	T	C125	Vinyl Acetate	0.870	0.900	0.896	0.918	0.965	0.933	0.914	3.59
22)	T	C051	2,2-Dichlorop	0.545	0.524	0.470	0.500	0.530	0.511	0.513	5.12
23)	T	C056	cis-1,2-Dichl	0.358	0.345	0.323	0.339	0.349	0.338	0.342	3.49
24)	T	C272	Tetrahydrofur	0.182	0.164	0.167	0.168	0.174	0.164	0.170	4.11
25)	T	C222	Bromochlorome	0.175	0.161	0.162	0.166	0.169	0.168	0.167	3.17
26)	T	C060	Chloroform	0.646	0.600	0.572	0.604	0.620	0.603	0.608	4.05
27)	T	C115	1,1,1-Trichlo	0.510	0.520	0.495	0.544	0.575	0.567	0.535	6.00
28)	T	C120	Carbon tetrac	0.341	0.378	0.344	0.398	0.447	0.455	0.394	12.54
29)	T	C116	1,1-Dichlorop	0.484	0.477	0.433	0.472	0.495	0.480	0.473	4.52
30)	S	CS15	1,2-Dichloroe	0.616	0.511	0.486	0.481	0.512	0.485	0.515	9.98
31)	T	C165	Benzene	1.351	1.363	1.291	1.345	1.384	1.338	1.346	2.30
32)	T	C065	1,2-Dichloroe	0.609	0.596	0.582	0.610	0.635	0.614	0.608	2.93
33)	T	C110	2-Butanone	0.255	0.249	0.250	0.250	0.266	0.253	0.254	2.45
34)	T	C256	Cyclohexane	0.603	0.635	0.571	0.654	0.678	0.683	0.637	6.88
35)	T	C150	Trichloroethe	0.356	0.331	0.311	0.331	0.348	0.334	0.335	4.64
36)	T	C140	1,2-Dichlorop	0.383	0.344	0.346	0.366	0.371	0.364	0.362	4.14
37)	T	C278	Dibromomethan	0.200	0.200	0.199	0.206	0.212	0.208	0.204	2.53
38)	T	C130	Bromodichloro	0.394	0.406	0.402	0.438	0.468	0.475	0.430	8.16
39)	T	C161	2-Chloroethyl	0.250	0.242	0.253	0.261	0.270	0.258	0.256	3.72
40)	T	C012	Methylcyclohe	0.544	0.551	0.523	0.583	0.615	0.615	0.572	6.75
41)	T	C145	cis-1,3-Dichl	0.525	0.529	0.518	0.556	0.596	0.588	0.552	6.12
42)	I	CI20	Chlorobenzene-D	ISTD							
43)	S	CS05	Toluene-D8	2.825	2.192	2.085	2.314	2.287	2.128	2.305	11.69
44)	T	C230	Toluene	1.660	1.495	1.421	1.533	1.585	1.502	1.533	5.38
45)	T	C170	trans-1,3-Dic	0.953	0.922	0.927	1.027	1.073	1.055	0.993	6.76
46)	T	C284	Ethyl Methacr	0.836	0.862	0.900	0.986	1.017	0.990	0.932	8.12
47)	T	C160	1,1,2-Trichlo	0.483	0.451	0.438	0.456	0.471	0.459	0.460	3.39
48)	T	C210	4-Methyl-2-pe	0.989	0.958	0.958	0.988	1.020	0.952	0.977	2.70
49)	T	C220	Tetrachloroet	0.645	0.661	0.602	0.654	0.682	0.664	0.651	4.21
50)	T	C221	1,3-Dichlorop	1.162	1.018	1.025	1.081	1.083	1.055	1.071	4.88
51)	T	C155	Dibromochloro	0.462	0.449	0.444	0.519	0.573	0.598	0.508	13.08
52)	T	C163	1,2-Dibromoet	0.615	0.550	0.554	0.575	0.598	0.587	0.580	4.36
53)	T	C215	2-Hexanone	0.711	0.681	0.697	0.721	0.751	0.703	0.711	3.35
54)	T	C235	Chlorobenzene	1.829	1.618	1.574	1.657	1.706	1.618	1.667	5.46

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : R10G037-SIXPT.M
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response Via : Initial Calibration

Calibration Files
1 =G0173.D 2 =G0174.D 3 =G0175.D
4 =G0176.D 5 =G0177.D 6 =G0178.D

55)	T	C281	1,1,1,2-Tetra	0.535	0.489	0.482	0.542	0.578	0.576	0.534	7.70
56)	T	C240	Ethylbenzene	3.024	2.887	2.785	3.042	3.095	2.936	2.962	3.87
57)	T	C246	m,p-Xylene	1.224	1.156	1.096	1.198	1.210	1.146	1.172	4.08
58)	T	C247	o-Xylene	1.215	1.123	1.078	1.160	1.182	1.128	1.148	4.22
59)	T	C245	Styrene	1.782	1.812	1.818	1.958	2.007	1.923	1.883	4.86
60)	T	C180	Bromoform	0.263	0.255	0.279	0.331	0.386	0.417	-----	
								LO M=	0.402	R^2=	0.997
61)	S	CS10	p-Bromofluoro	0.911	0.734	0.694	0.723	0.752	0.703	0.753	10.66
62)	I	CI30	1,4-Dichloroben	----------			ISTD	----------			
63)	T	C966	Isopropylbenz	3.145	3.065	2.999	3.244	3.308	3.243	3.167	3.75
64)	T	C301	Bromobenzene	0.817	0.748	0.742	0.793	0.784	0.767	0.775	3.65
65)	T	C225	1,1,2,2-Tetra	0.786	0.761	0.804	0.819	0.846	0.834	0.808	3.90
66)	T	C282	1,2,3-Trichlo	0.285	0.264	0.267	0.263	0.272	0.259	0.268	3.43
67)	T	C283	t-1,4-Dichlor	0.164	0.158	0.164	0.175	0.185	0.180	0.171	6.16
68)	T	C302	n-Propylbenze	3.920	3.778	3.624	3.884	3.951	3.770	3.821	3.18
69)	T	C303	2-Chlorotolue	0.722	0.716	0.682	0.718	0.730	0.709	0.713	2.36
70)	T	C289	4-Chlorotolue	0.738	0.717	0.717	0.741	0.755	0.728	0.732	2.00
71)	T	C304	1,3,5-Trimeth	2.743	2.640	2.575	2.815	2.870	2.796	2.740	4.10
72)	T	C306	tert-Butylben	0.540	0.564	0.553	0.584	0.606	0.592	0.573	4.41
73)	T	C307	1,2,4-Trimeth	2.662	2.633	2.658	2.853	2.907	2.861	2.762	4.48
74)	T	C308	sec-Butylbenz	3.246	3.201	3.212	3.484	3.614	3.519	3.379	5.35
75)	T	C260	1,3-Dichlorob	1.513	1.468	1.460	1.518	1.532	1.473	1.494	2.06
76)	T	C309	4-Isopropylto	2.672	2.650	2.661	2.892	2.971	2.860	2.784	5.02
77)	T	C267	1,4-Dichlorob	1.614	1.490	1.495	1.592	1.601	1.572	1.560	3.50
78)	T	C249	1,2-Dichlorob	1.612	1.447	1.411	1.507	1.531	1.494	1.500	4.65
79)	T	C310	n-Butylbenzen	2.386	2.360	2.392	2.643	2.744	2.704	2.538	6.99
80)	T	C286	1,2-Dibromo-3	0.149	0.150	0.178	0.188	0.198	0.205	0.178	13.45
81)	T	C313	1,2,4-Trichlo	1.185	1.029	1.110	1.185	1.212	1.231	1.159	6.53
82)	T	C316	Hexachlorobut	0.619	0.521	0.569	0.607	0.644	0.645	0.601	7.98
83)	T	C314	Naphthalene	2.804	2.634	2.881	3.033	3.177	3.204	2.956	7.55
84)	T	C934	1,2,3-Trichlo	1.216	1.035	1.085	1.155	1.188	1.173	1.142	6.01

Total Average %RSD 5.32

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R10G037-SIXPT.M Fri Jul 09 18:09:44 2010 HP5973

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0173.D Vial: 3
Acq On : 9 Jul 2010 11:41 Operator: DHC
Sample : T003005-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:54 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	198582	25.00	ug/L		0.00 101.05%
42) CI20	Chlorobenzene-D5	8.73	82	110647	25.00	ug/L		0.00 101.21%
62) CI30	1,4-Dichlorobenzene-	11.09	152	106944	25.00	ug/L		0.00 101.46%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	5.45	65	4895	1.20	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	4.80%#		
43) CS05	Toluene-D8	7.25	98	12502	1.23	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	4.92%#		
61) CS10	p-Bromofluorobenzene	9.96	174	4033	1.21	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	4.84%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	2348	0.81	ug/L		100
3) C010	Chloromethane	1.64	50	4345	1.05	ug/L		89
4) C020	Vinyl chloride	1.78	62	3454	1.00	ug/L		79
5) C015	Bromomethane	2.08	94	1780	1.11	ug/L		85
6) C025	Chloroethane	2.19	64	1672	0.91	ug/L		90
7) C275	Trichlorofluorometha	2.47	101	4270m	0.97	ug/L		73
8) C045	1,1-Dichloroethene	2.98	96	2282	1.01	ug/L		91
9) C030	Methylene chloride	3.47	84	4289	1.39	ug/L		93
10) C040	Carbon disulfide	3.21	76	7295	1.00	ug/L		96
11) C036	Acrolein	2.91	56	8805	21.38	ug/L		96
12) C038	Acrylonitrile	3.74	53	7019	5.03	ug/L		89
13) C035	Acetone	3.07	43	7239	5.65	ug/L		86
14) C300	Acetonitrile	3.37	41	21627	43.16	ug/L		93
15) C276	Iodomethane	3.14	142	2949	1.00	ug/L		93
16) C291	1,1,2-Trichloro-1,2,	2.98	101	1890	0.87	ug/L	#	80
17) C962	T-butyl Methyl Ether	3.71	73	10468	1.03	ug/L		97
18) C057	trans-1,2-Dichloroet	3.70	96	2524	1.02	ug/L		90
19) C255	Methyl Acetate	3.38	43	4165	1.01	ug/L	#	85
20) C050	1,1-Dichloroethane	4.12	63	5374	1.05	ug/L		97
21) C125	Vinyl Acetate	4.17	43	34568	4.76	ug/L		96
22) C051	2,2-Dichloropropane	4.66	77	4328	1.06	ug/L		93
23) C056	cis-1,2-Dichloroethe	4.68	96	2847	1.05	ug/L		86
24) C272	Tetrahydrofuran	4.97	42	7223	5.35	ug/L		89
25) C222	Bromochloromethane	4.91	128	1393	1.05	ug/L	#	69
26) C060	Chloroform	4.98	83	5132	1.06	ug/L		96
27) C115	1,1,1-Trichloroethan	5.12	97	4055	0.95	ug/L		97
28) C120	Carbon tetrachloride	5.26	117	2706	0.87	ug/L		87
29) C116	1,1-Dichloropropene	5.26	75	3842	1.02	ug/L		94
31) C165	Benzene	5.47	78	10733	1.00	ug/L		97
32) C065	1,2-Dichloroethane	5.52	62	4840	1.00	ug/L		97
33) C110	2-Butanone	4.72	43	10125	5.02	ug/L		87
34) C256	Cyclohexane	5.14	56	4787	0.95	ug/L	#	90
35) C150	Trichloroethene	6.08	95	2825	1.06	ug/L		98
36) C140	1,2-Dichloropropane	6.31	63	3044	1.06	ug/L		86
37) C278	Dibromomethane	6.44	93	1591	0.98	ug/L		93
38) C130	Bromodichloromethane	6.60	83	3127	0.91	ug/L		97
39) C161	2-Chloroethylvinyl E	6.86	63	9915	4.88	ug/L		94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0173.D Vial: 3
Acq On : 9 Jul 2010 11:41 Operator: DHC
Sample : T003005-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:54 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

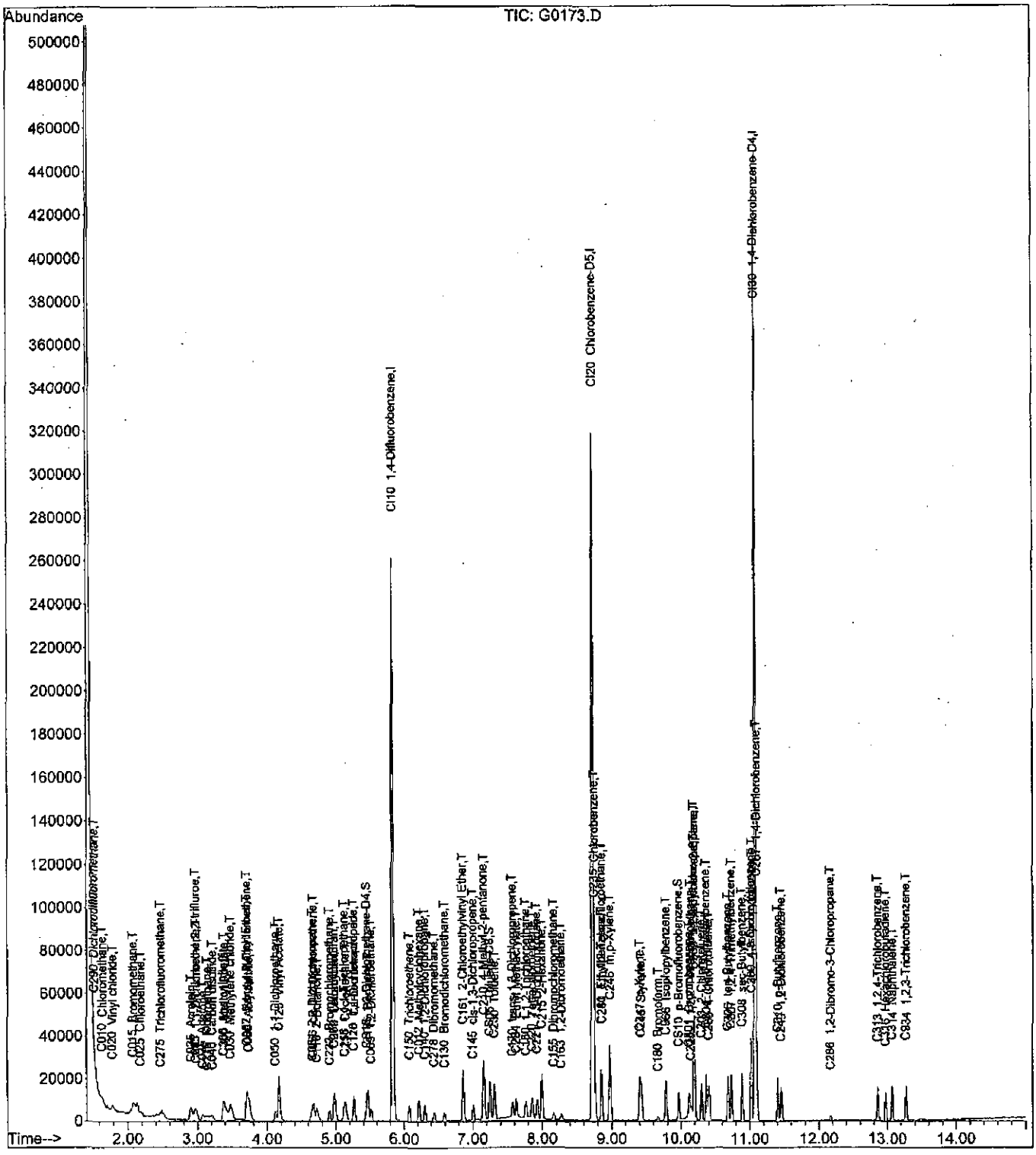
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.22	83	4319	0.95	ug/L		88
41)	C145	cis-1,3-Dichloroprop	7.01	75	4167	0.95	ug/L		92
44)	C230	Toluene	7.31	92	7348	1.08	ug/L		97
45)	C170	trans-1,3-Dichloropr	7.58	75	4220	0.96	ug/L		92
46)	C284	Ethyl Methacrylate	7.63	69	3701	0.90	ug/L	#	79
47)	C160	1,1,2-Trichloroethan	7.76	83	2137	1.05	ug/L	#	85
48)	C210	4-Methyl-2-pentanone	7.15	43	21887	5.06	ug/L		96
49)	C220	Tetrachloroethene	7.86	166	2854	0.99	ug/L		96
50)	C221	1,3-Dichloropropane	7.93	76	5142	1.09	ug/L		100
51)	C155	Dibromochloromethane	8.17	129	2045	0.91	ug/L		94
52)	C163	1,2-Dibromoethane	8.27	107	2722	1.06	ug/L		95
53)	C215	2-Hexanone	8.00	43	15735	5.00	ug/L		98
54)	C235	Chlorobenzene	8.76	112	8097	1.10	ug/L		93
55)	C281	1,1,1,2-Tetrachloroe	8.86	131	2369	1.00	ug/L		93
56)	C240	Ethylbenzene	8.85	91	13385	1.02	ug/L		100
57)	C246	m,p-Xylene	8.98	106	10832	2.09	ug/L		92
58)	C247	o-Xylene	9.40	106	5379	1.06	ug/L		96
59)	C245	Styrene	9.43	104	7886	0.95	ug/L		95
60)	C180	Bromoform	9.67	173	1163	0.82	ug/L		75
63)	C966	Isopropylbenzene	9.78	105	13452	0.99	ug/L		96
64)	C301	Bromobenzene	10.12	156	3496	1.05	ug/L		87
65)	C225	1,1,2,2-Tetrachloroe	10.15	83	3362	0.97	ug/L		92
66)	C282	1,2,3-Trichloropropa	10.19	110	1218	1.06	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	10.19	51	3508	4.80	ug/L	#	40
68)	C302	n-Propylbenzene	10.20	91	16768	1.03	ug/L		89
69)	C303	2-Chlorotoluene	10.30	126	3090	1.01	ug/L		100
70)	C289	4-Chlorotoluene	10.40	126	3155	1.01	ug/L		100
71)	C304	1,3,5-Trimethylbenze	10.37	105	11735	1.00	ug/L		96
72)	C306	tert-Butylbenzene	10.68	134	2309	0.94	ug/L	#	90
73)	C307	1,2,4-Trimethylbenze	10.73	105	11388	0.96	ug/L		99
74)	C308	sec-Butylbenzene	10.89	105	13887	0.96	ug/L		99
75)	C260	1,3-Dichlorobenzene	11.03	146	6473	1.01	ug/L		97
76)	C309	4-Isopropyltoluene	11.03	119	11431	0.96	ug/L		98
77)	C267	1,4-Dichlorobenzene	11.11	146	6903	1.03	ug/L		96
78)	C249	1,2-Dichlorobenzene	11.46	146	6897	1.07	ug/L		92
79)	C310	n-Butylbenzene	11.41	91	10207	0.94	ug/L		97
80)	C286	1,2-Dibromo-3-Chloro	12.17	75	636	0.84	ug/L	#	69
81)	C313	1,2,4-Trichlorobenze	12.85	180	5069	1.02	ug/L		92
82)	C316	Hexachlorobutadiene	12.97	225	2647	1.03	ug/L		92
83)	C314	Naphthalene	13.07	128	11996	0.95	ug/L		97
84)	C934	1,2,3-Trichlorobenze	13.27	180	5203	1.06	ug/L		86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0173.D Vial: 3
Acq On : 9 Jul 2010 11:41 Operator: DHC
Sample : T003005-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:04:54 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA

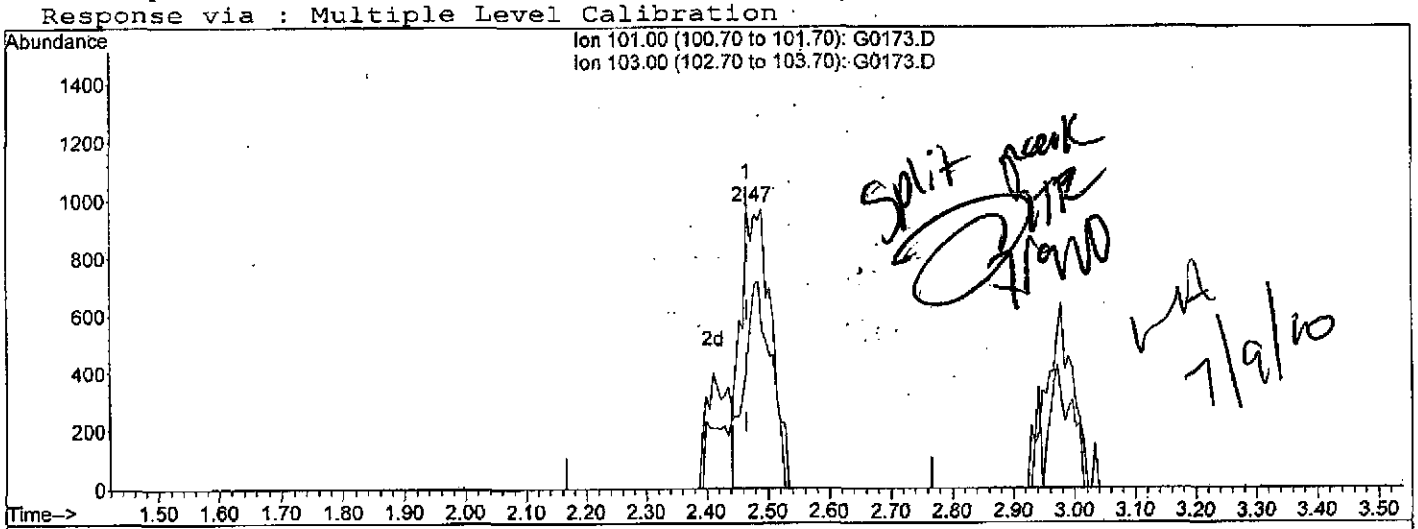


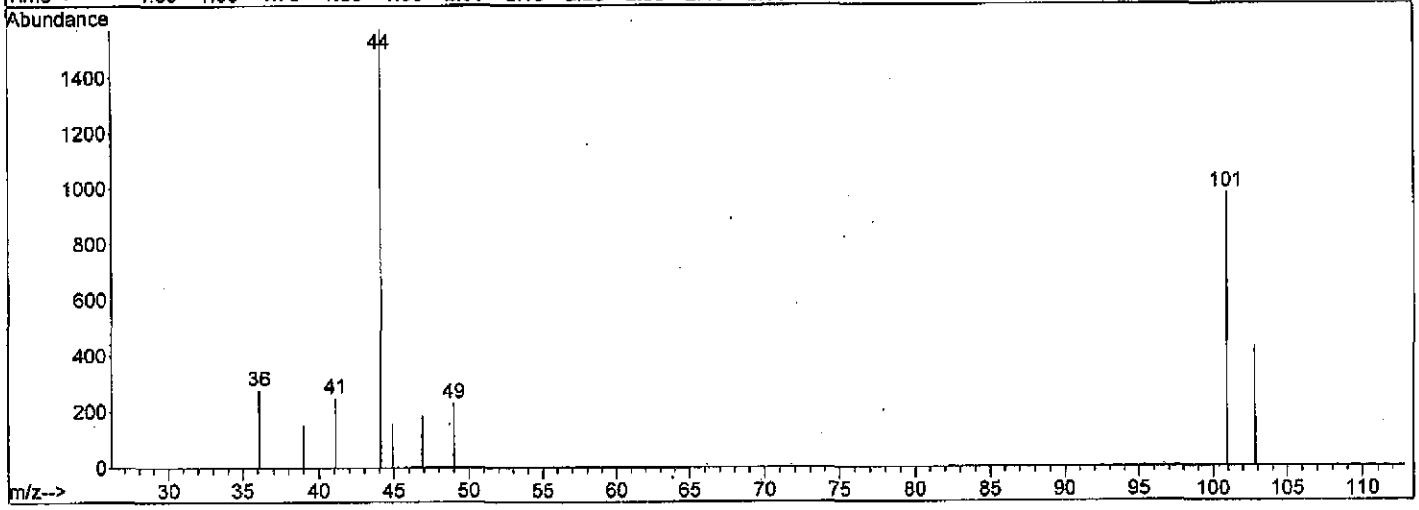
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0173.D
Acq On : 9 Jul 2010 11:41
Sample : T003005-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:01 2010

Vial: 3
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0173.D

(7) C275 Trichlorofluoromethane (T)

2.47min (0.000) 0.74ug/L

response 3258

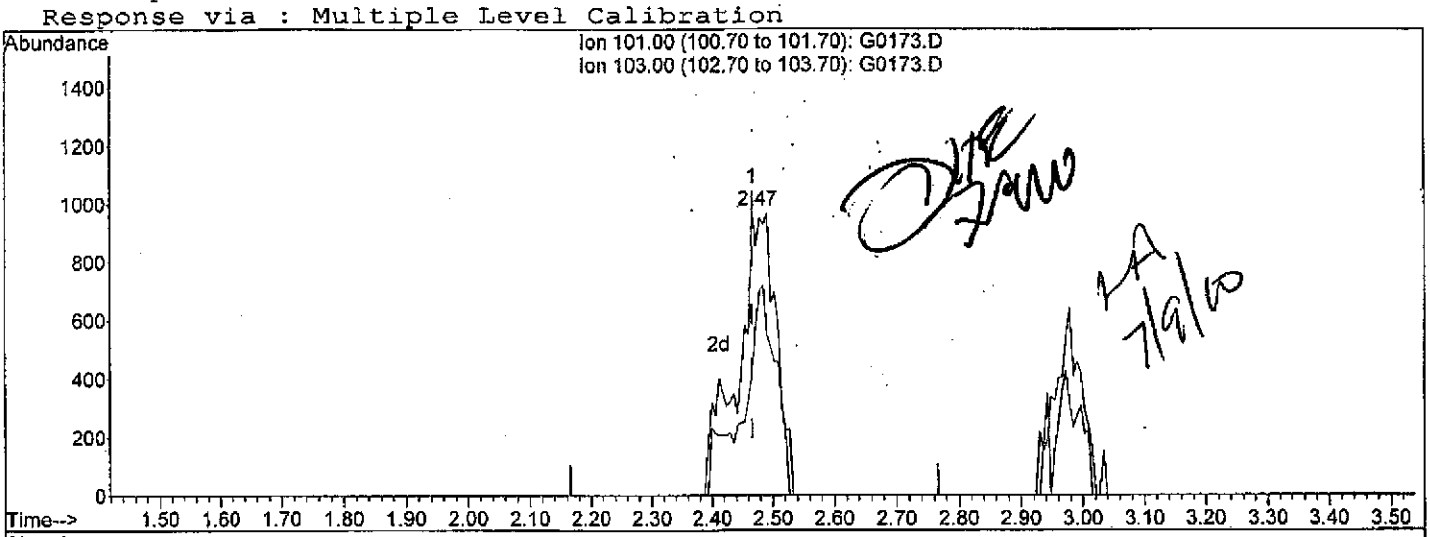
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	43.40
0.00	0.00	0.00
0.00	0.00	0.00

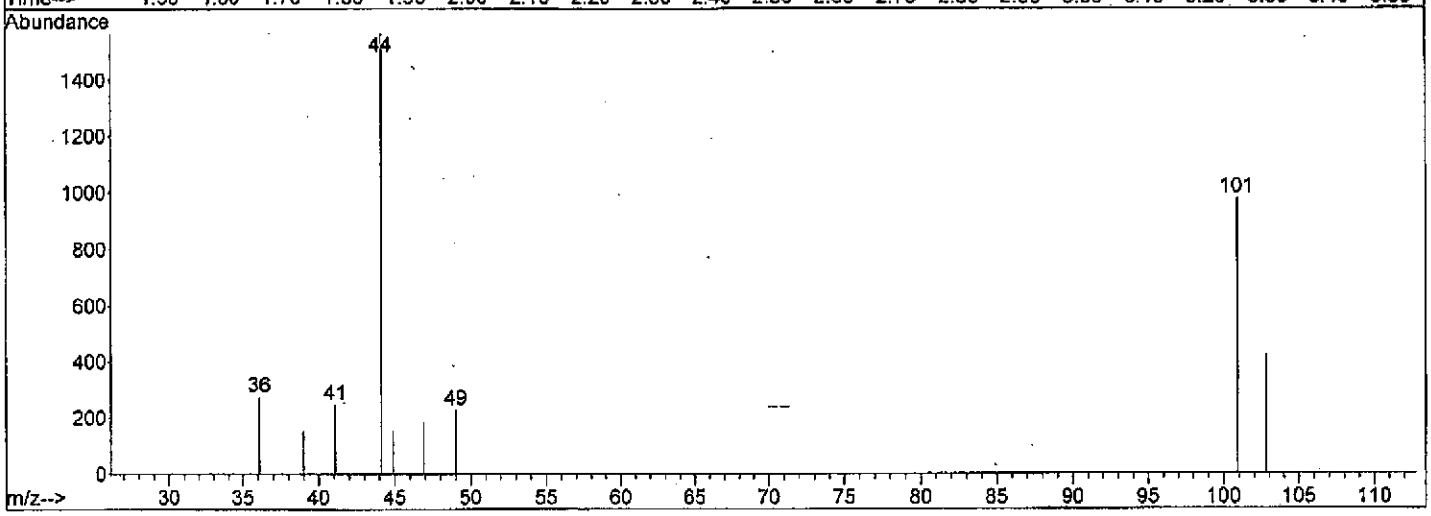
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0173.D
Acq On : 9 Jul 2010 11:41
Sample : T003005-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:01 2010

Vial: 3
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0173.D

(7) C275 Trichlorofluoromethane (T)

2.47min (0.000) 0.97ug/L m

response 4270

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	43.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0174.D Vial: 4
Acq On : 9 Jul 2010 12:03 Operator: DHC
Sample : T003005-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:05:28 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	196355	25.00	ug/L		0.00 99.92%
42) CI20	Chlorobenzene-D5	8.73	82	111722	25.00	ug/L		0.00 102.20%
62) CI30	1,4-Dichlorobenzene-	11.09	152	105581	25.00	ug/L		0.00 100.17%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	5.45	65	20050	4.96	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	19.84%#		
43) CS05	Toluene-D8	7.25	98	48980	4.75	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	19.00%#		
61) CS10	p-Bromofluorobenzene	9.96	174	16402	4.87	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	19.48%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.52	85	14705	5.15	ug/L		100
3) C010	Chloromethane	1.64	50	20307	4.98	ug/L		92
4) C020	Vinyl chloride	1.78	62	16938	4.94	ug/L		95
5) C015	Bromomethane	2.08	94	7475	4.71	ug/L		83
6) C025	Chloroethane	2.19	64	9064	5.01	ug/L		92
7) C275	Trichlorofluorometha	2.48	101	21893m	5.02	ug/L		100
8) C045	1,1-Dichloroethene	2.97	96	11054	4.94	ug/L		80
9) C030	Methylene chloride	3.47	84	13990	4.60	ug/L		96
10) C040	Carbon disulfide	3.20	76	35470	4.91	ug/L		100
11) C036	Acrolein	2.90	56	41429	101.75	ug/L		94
12) C038	Acrylonitrile	3.74	53	33935	24.61	ug/L		92
13) C035	Acetone	3.07	43	30977	24.46	ug/L		92
14) C300	Acetonitrile	3.37	41	98202	198.19	ug/L		96
15) C276	Iodomethane	3.12	142	14347	4.93	ug/L		91
16) C291	1,1,2-Trichloro-1,2,	2.97	101	10544	4.89	ug/L		95
17) C962	T-butyl Methyl Ether	3.71	73	49024	4.87	ug/L		92
18) C057	trans-1,2-Dichloroet	3.70	96	12674	5.18	ug/L		88
19) C255	Methyl Acetate	3.37	43	19621	4.81	ug/L	#	90
20) C050	1,1-Dichloroethane	4.11	63	24959	4.94	ug/L		99
21) C125	Vinyl Acetate	4.17	43	176711	24.63	ug/L		97
22) C051	2,2-Dichloropropane	4.65	77	20581	5.10	ug/L		93
23) C056	cis-1,2-Dichloroethe	4.67	96	13531	5.04	ug/L	#	76
24) C272	Tetrahydrofuran	4.95	42	32146	24.10	ug/L		90
25) C222	Bromochloromethane	4.90	128	6319	4.83	ug/L	#	74
26) C060	Chloroform	4.98	83	23571	4.94	ug/L		95
27) C115	1,1,1-Trichloroethan	5.12	97	20434	4.86	ug/L		96
28) C120	Carbon tetrachloride	5.26	117	14830	4.80	ug/L		98
29) C116	1,1-Dichloropropene	5.26	75	18733	5.04	ug/L		97
31) C165	Benzene	5.47	78	53543	5.07	ug/L		97
32) C065	1,2-Dichloroethane	5.52	62	23405	4.90	ug/L		99
33) C110	2-Butanone	4.71	43	48821	24.49	ug/L		95
34) C256	Cyclohexane	5.14	56	24926	4.98	ug/L		92
35) C150	Trichloroethene	6.08	95	12992	4.94	ug/L		95
36) C140	1,2-Dichloropropane	6.31	63	13499	4.74	ug/L		94
37) C278	Dibromomethane	6.44	93	7864	4.91	ug/L		95
38) C130	Bromodichloromethane	6.59	83	15942	4.72	ug/L		98
39) C161	2-Chloroethylvinyl E	6.86	63	47603	23.70	ug/L		93

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0174.D Vial: 4
Acq On : 9 Jul 2010 12:03 Operator: DHC
Sample : T003005-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:05:28 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

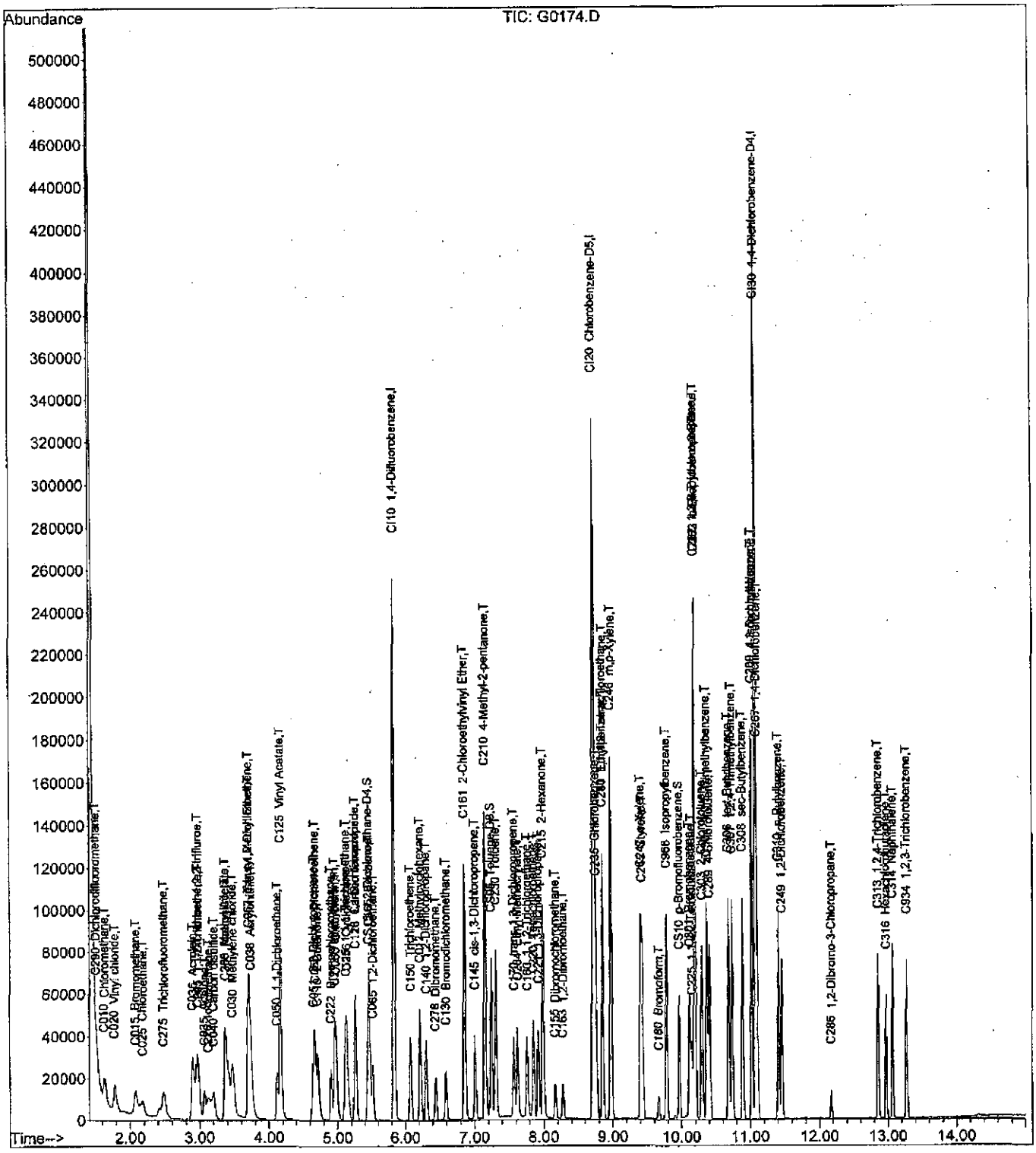
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.22	83	21656	4.82	ug/L		90
41)	C145	cis-1,3-Dichloroprop	7.01	75	20765	4.79	ug/L		98
44)	C230	Toluene	7.31	92	33414	4.88	ug/L		95
45)	C170	trans-1,3-Dichloropr	7.57	75	20601	4.64	ug/L		98
46)	C284	Ethyl Methacrylate	7.62	69	19262	4.63	ug/L	#	86
47)	C160	1,1,2-Trichloroethan	7.76	83	10081	4.91	ug/L		90
48)	C210	4-Methyl-2-pentanone	7.15	43	106996	24.50	ug/L		97
49)	C220	Tetrachloroethene	7.86	166	14774	5.07	ug/L		99
50)	C221	1,3-Dichloropropane	7.92	76	22750	4.75	ug/L		97
51)	C155	Dibromochloromethane	8.17	129	10041	4.43	ug/L		88
52)	C163	1,2-Dibromoethane	8.27	107	12297	4.75	ug/L		91
53)	C215	2-Hexanone	7.99	43	76112	23.96	ug/L		96
54)	C235	Chlorobenzene	8.76	112	36149	4.85	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	8.86	131	10934	4.58	ug/L		96
56)	C240	Ethylbenzene	8.86	91	64511	4.87	ug/L		99
57)	C246	m,p-Xylene	8.98	106	51666	9.87	ug/L		94
58)	C247	o-Xylene	9.40	106	25102	4.89	ug/L		96
59)	C245	Styrene	9.43	104	40499	4.81	ug/L		99
60)	C180	Bromoform	9.67	173	5700	3.96	ug/L		97
63)	C966	Isopropylbenzene	9.78	105	64728	4.84	ug/L		95
64)	C301	Bromobenzene	10.12	156	15803	4.83	ug/L		95
65)	C225	1,1,2,2-Tetrachloroe	10.15	83	16063	4.71	ug/L		99
66)	C282	1,2,3-Trichloropropa	10.18	110	5565	4.91	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	10.20	51	16687	23.11	ug/L	#	50
68)	C302	n-Propylbenzene	10.20	91	79774	4.94	ug/L		93
69)	C303	2-Chlorotoluene	10.29	126	15112	5.02	ug/L		100
70)	C289	4-Chlorotoluene	10.41	126	15144	4.90	ug/L		100
71)	C304	1,3,5-Trimethylbenze	10.37	105	55740	4.82	ug/L		93
72)	C306	tert-Butylbenzene	10.68	134	11918	4.92	ug/L		93
73)	C307	1,2,4-Trimethylbenze	10.74	105	55595	4.77	ug/L		96
74)	C308	sec-Butylbenzene	10.89	105	67587	4.74	ug/L		96
75)	C260	1,3-Dichlorobenzene	11.03	146	30997	4.91	ug/L		99
76)	C309	4-Isopropyltoluene	11.03	119	55952	4.76	ug/L		98
77)	C267	1,4-Dichlorobenzene	11.11	146	31462	4.77	ug/L		98
78)	C249	1,2-Dichlorobenzene	11.46	146	30565	4.82	ug/L		98
79)	C310	n-Butylbenzene	11.41	91	49832	4.65	ug/L		98
80)	C286	1,2-Dibromo-3-Chloro	12.17	75	3175	4.22	ug/L		81
81)	C313	1,2,4-Trichlorobenze	12.85	180	21727	4.44	ug/L		100
82)	C316	Hexachlorobutadiene	12.97	225	11008	4.34	ug/L		96
83)	C314	Naphthalene	13.07	128	55622	4.46	ug/L		95
84)	C934	1,2,3-Trichlorobenze	13.27	180	21848	4.53	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0174.D Vial: 4
Acq On : 9 Jul 2010 12:03 Operator: DHC
Sample : T003005-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:05:28 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA

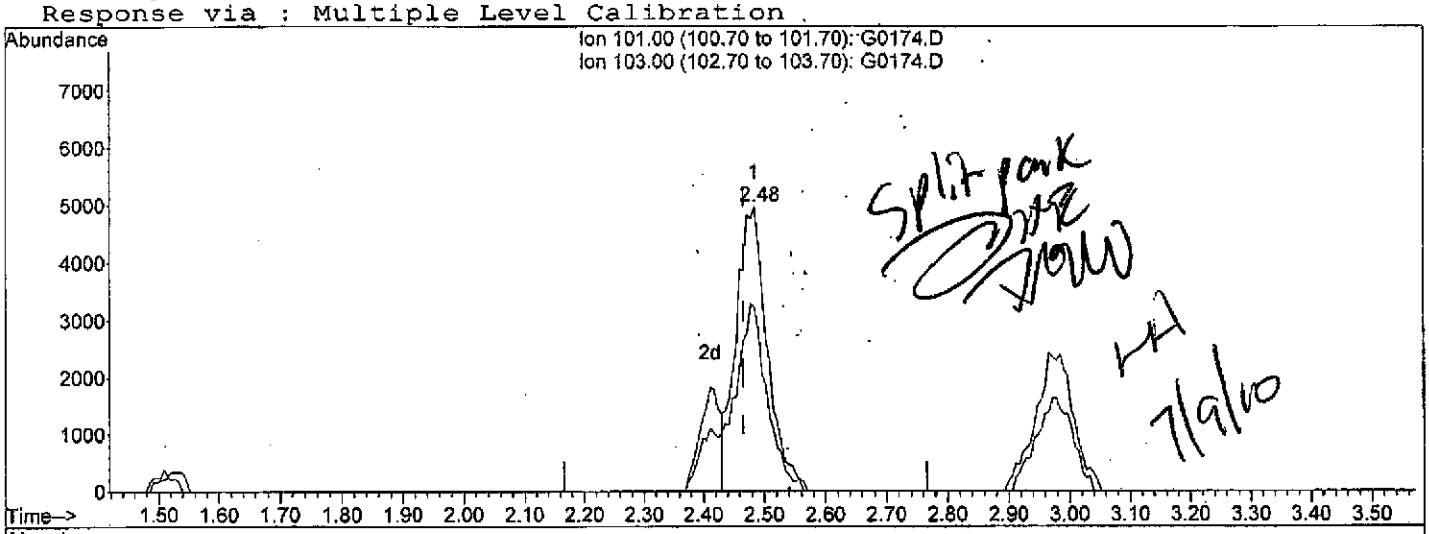


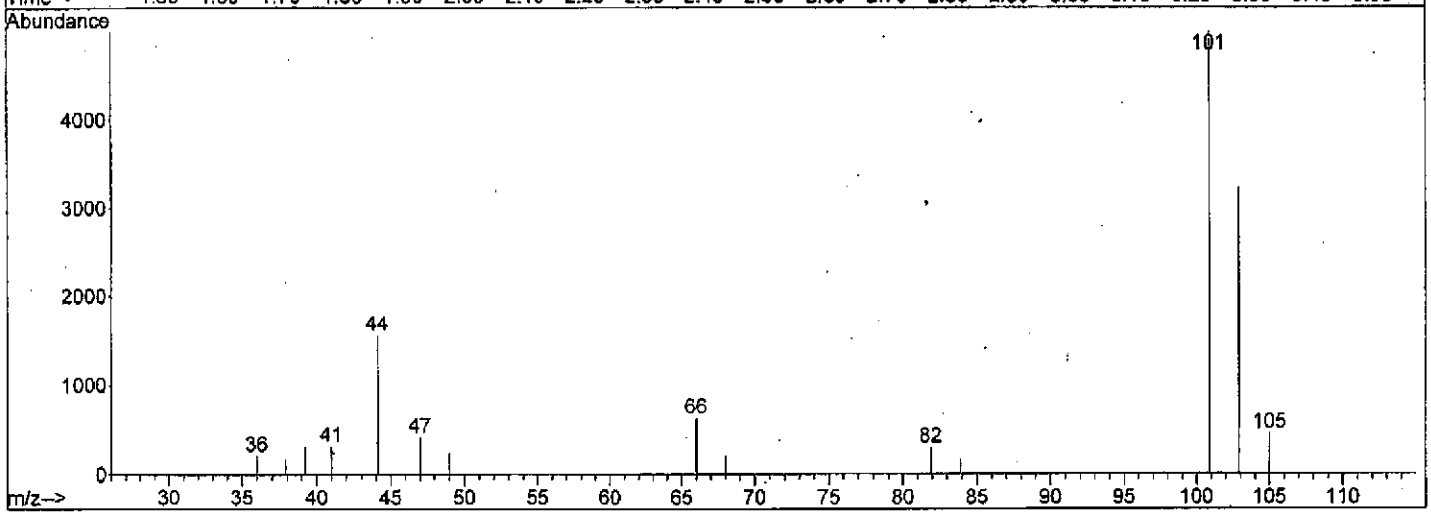
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0174.D
Acq On : 9 Jul 2010 12:03
Sample : T003005-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:08 2010

Vial: 4
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0174.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.018) 4.05ug/L

response 17625

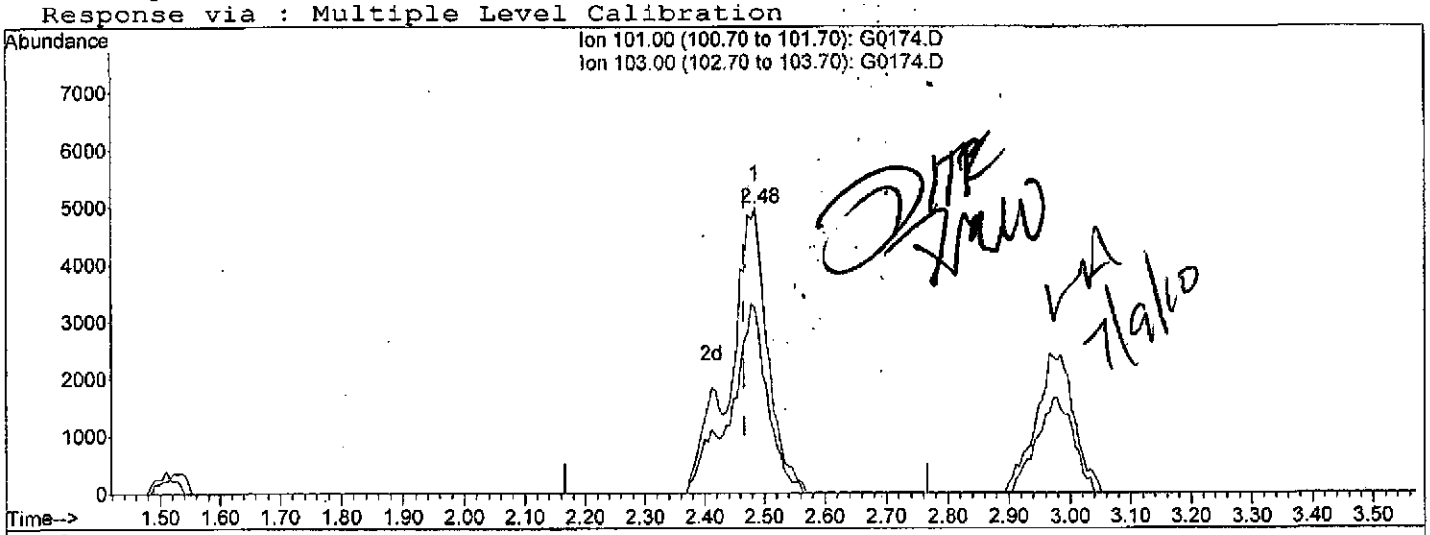
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	64.80
0.00	0.00	0.00
0.00	0.00	0.00

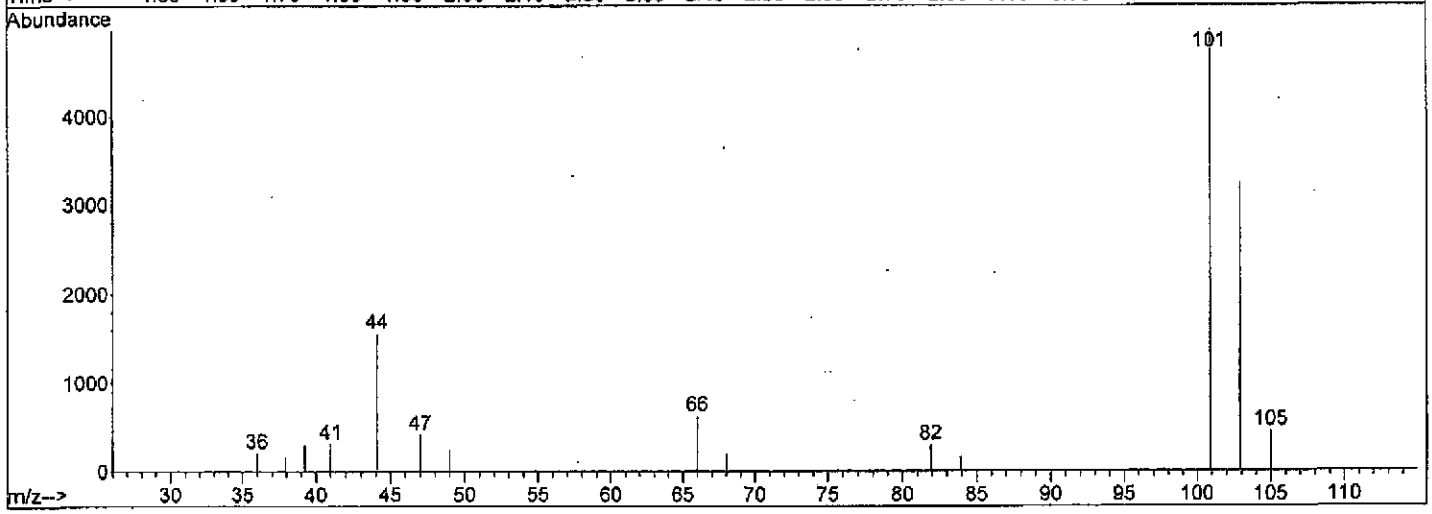
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0174.D
Acq On : 9 Jul 2010 12:03
Sample : T003005-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:08 2010

Vial: 4
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0174.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.018) 5.02ug/L m

response 21893

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	64.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0175.D Vial: 5
Acq On : 9 Jul 2010 12:26 Operator: DHC
Sample : T003005-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:05:56 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	195552	25.00	ug/L	0.00 99.51%
42) CI20	Chlorobenzene-D5	8.73	82	110933	25.00	ug/L	0.00 101.47%
62) CI30	1,4-Dichlorobenzene-	11.09	152	104936	25.00	ug/L	0.00 99.56%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.44	65	37988	9.43	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	37.72%#	
43) CS05	Toluene-D8	7.25	98	92507	9.04	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	36.16%#	
61) CS10	p-Bromofluorobenzene	9.97	174	30811	9.22	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	36.88%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.52	85	25929	9.12	ug/L #	100
3) C010	Chloromethane	1.64	50	36572	9.01	ug/L	93
4) C020	Vinyl chloride	1.78	62	31099	9.10	ug/L	87
5) C015	Bromomethane	2.08	94	14622	9.25	ug/L	87
6) C025	Chloroethane	2.18	64	16525	9.17	ug/L	87
7) C275	Trichlorofluorometha	2.48	101	38992m	8.99	ug/L	98
8) C045	1,1-Dichloroethene	2.97	96	20520	9.21	ug/L	91
9) C030	Methylene chloride	3.47	84	28569	9.43	ug/L	95
10) C040	Carbon disulfide	3.20	76	65661	9.12	ug/L	98
11) C036	Acrolein	2.90	56	79477	196.00	ug/L	96
12) C038	Acrylonitrile	3.73	53	68110	49.60	ug/L	91
13) C035	Acetone	3.06	43	61005	48.36	ug/L	90
14) C300	Acetonitrile	3.37	41	189021	383.05	ug/L	98
15) C276	Iodomethane	3.14	142	27189	9.38	ug/L	89
16) C291	1,1,2-Trichloro-1,2,	2.98	101	19982	9.31	ug/L	94
17) C962	T-butyl Methyl Ether	3.70	73	96953	9.67	ug/L	91
18) C057	trans-1,2-Dichloroet	3.70	96	23367	9.59	ug/L	83
19) C255	Methyl Acetate	3.37	43	40299	9.91	ug/L	93
20) C050	1,1-Dichloroethane	4.12	63	47405	9.42	ug/L	97
21) C125	Vinyl Acetate	4.17	43	350457	49.04	ug/L	98
22) C051	2,2-Dichloropropane	4.65	77	36754	9.15	ug/L	95
23) C056	cis-1,2-Dichloroethe	4.67	96	25275	9.45	ug/L #	76
24) C272	Tetrahydrofuran	4.95	42	65319	49.16	ug/L	93
25) C222	Bromochloromethane	4.91	128	12647	9.70	ug/L #	79
26) C060	Chloroform	4.98	83	44710	9.41	ug/L	98
27) C115	1,1,1-Trichloroethan	5.12	97	38721	9.25	ug/L	98
28) C120	Carbon tetrachloride	5.26	117	26917	8.74	ug/L	99
29) C116	1,1-Dichloropropene	5.26	75	33836	9.14	ug/L	96
31) C165	Benzene	5.47	78	101021	9.60	ug/L	100
32) C065	1,2-Dichloroethane	5.51	62	45550	9.58	ug/L	97
33) C110	2-Butanone	4.71	43	97849	49.29	ug/L	94
34) C256	Cyclohexane	5.14	56	44692	8.96	ug/L	93
35) C150	Trichloroethene	6.08	95	24311	9.28	ug/L	98
36) C140	1,2-Dichloropropane	6.31	63	27084	9.55	ug/L	98
37) C278	Dibromomethane	6.44	93	15527	9.73	ug/L	94
38) C130	Bromodichloromethane	6.59	83	31440	9.34	ug/L	95
39) C161	2-Chloroethylvinyl E	6.86	63	99029	49.51	ug/L	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0175.D Vial: 5
Acq On : 9 Jul 2010 12:26 Operator: DHC
Sample : T003005-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:05:56 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

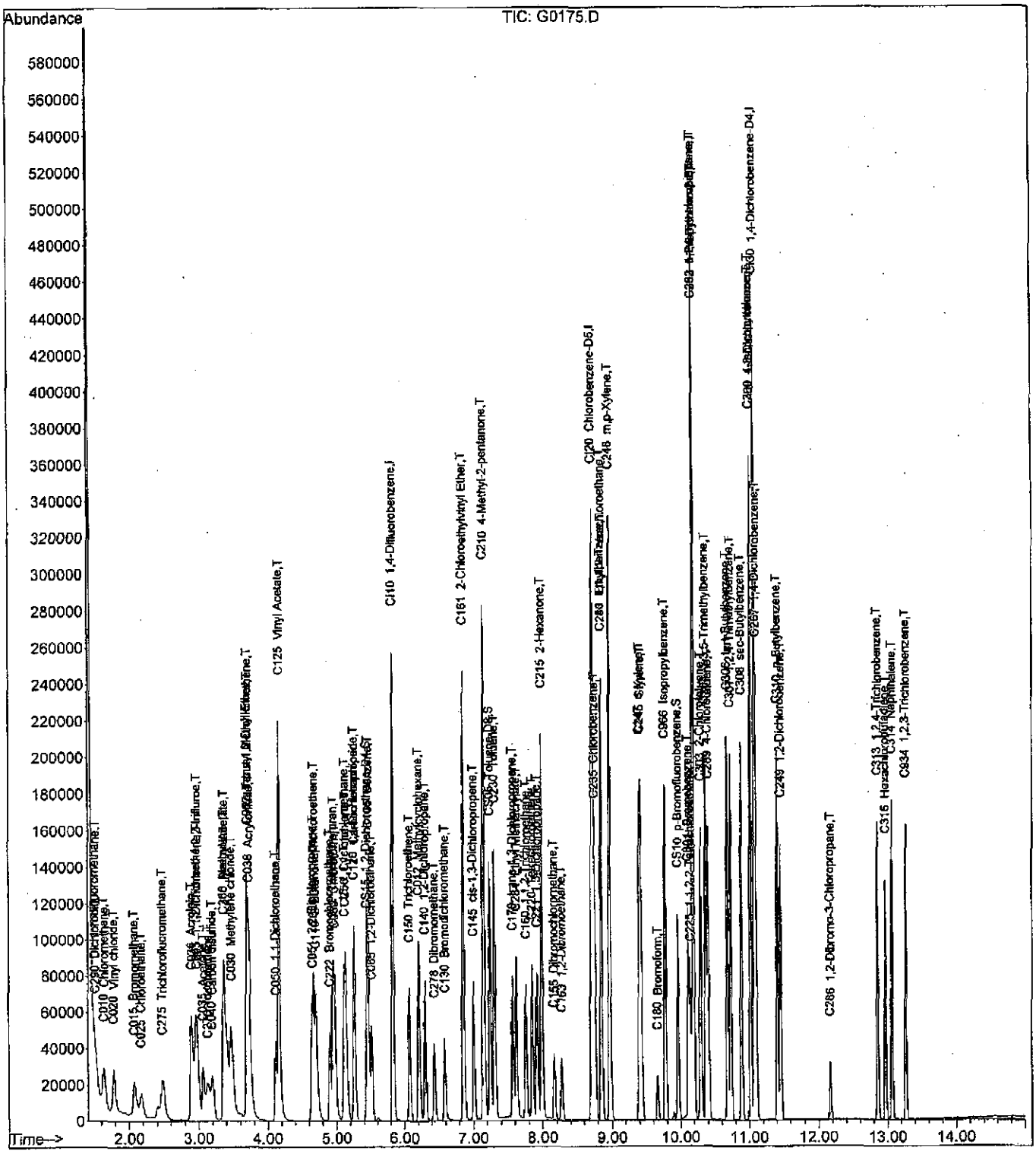
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.22	83	40898	9.14	ug/L		93
41)	C145	cis-1,3-Dichloroprop	7.01	75	40491	9.38	ug/L		100
44)	C230	Toluene	7.31	92	63033	9.27	ug/L		97
45)	C170	trans-1,3-Dichloropr	7.57	75	41112	9.33	ug/L		98
46)	C284	Ethyl Methacrylate	7.62	69	39927	9.66	ug/L	#	87
47)	C160	1,1,2-Trichloroethan	7.76	83	19448	9.53	ug/L		98
48)	C210	4-Methyl-2-pentanone	7.15	43	212537	49.00	ug/L		96
49)	C220	Tetrachloroethene	7.86	166	26696	9.24	ug/L		98
50)	C221	1,3-Dichloropropane	7.93	76	45484	9.57	ug/L		96
51)	C155	Dibromochloromethane	8.17	129	19717	8.75	ug/L		98
52)	C163	1,2-Dibromoethane	8.28	107	24581	9.55	ug/L		100
53)	C215	2-Hexanone	7.99	43	154736	49.05	ug/L		97
54)	C235	Chlorobenzene	8.76	112	69841	9.44	ug/L		98
55)	C281	1,1,1,2-Tetrachloroe	8.86	131	21402	9.04	ug/L		97
56)	C240	Ethylbenzene	8.86	91	123597	9.40	ug/L		99
57)	C246	m,p-Xylene	8.98	106	97296	18.71	ug/L		98
58)	C247	o-Xylene	9.40	106	47832	9.39	ug/L		95
59)	C245	Styrene	9.43	104	80685	9.65	ug/L		100
60)	C180	Bromoform	9.67	173	12378	8.67	ug/L		94
63)	C966	Isopropylbenzene	9.78	105	125867	9.47	ug/L		96
64)	C301	Bromobenzene	10.12	156	31165	9.57	ug/L		91
65)	C225	1,1,2,2-Tetrachloroe	10.15	83	33736	9.94	ug/L		97
66)	C282	1,2,3-Trichloropropa	10.18	110	11205	9.95	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	10.19	51	34402	47.94	ug/L	#	52
68)	C302	n-Propylbenzene	10.20	91	152112	9.48	ug/L		91
69)	C303	2-Chlorotoluene	10.30	126	28619	9.57	ug/L		100
70)	C289	4-Chlorotoluene	10.41	126	30103	9.79	ug/L		100
71)	C304	1,3,5-Trimethylbenze	10.37	105	108083	9.40	ug/L		96
72)	C306	tert-Butylbenzene	10.68	134	23210	9.64	ug/L	#	84
73)	C307	1,2,4-Trimethylbenze	10.73	105	111586	9.62	ug/L		94
74)	C308	sec-Butylbenzene	10.89	105	134825	9.50	ug/L		94
75)	C260	1,3-Dichlorobenzene	11.03	146	61269	9.77	ug/L		97
76)	C309	4-Isopropyltoluene	11.03	119	111704	9.56	ug/L		98
77)	C267	1,4-Dichlorobenzene	11.11	146	62737	9.58	ug/L		99
78)	C249	1,2-Dichlorobenzene	11.46	146	59225	9.40	ug/L		97
79)	C310	n-Butylbenzene	11.41	91	100396	9.42	ug/L		94
80)	C286	1,2-Dibromo-3-Chloro	12.17	75	7462	9.99	ug/L		78
81)	C313	1,2,4-Trichlorobenze	12.85	180	46586	9.58	ug/L		97
82)	C316	Hexachlorobutadiene	12.97	225	23883	9.47	ug/L		99
83)	C314	Naphthalene	13.07	128	120942	9.75	ug/L		97
84)	C934	1,2,3-Trichlorobenze	13.27	180	45555	9.50	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0175.D Vial: 5
Acq On : 9 Jul 2010 12:26 Operator: DHC
Sample : T003005-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:05:56 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA

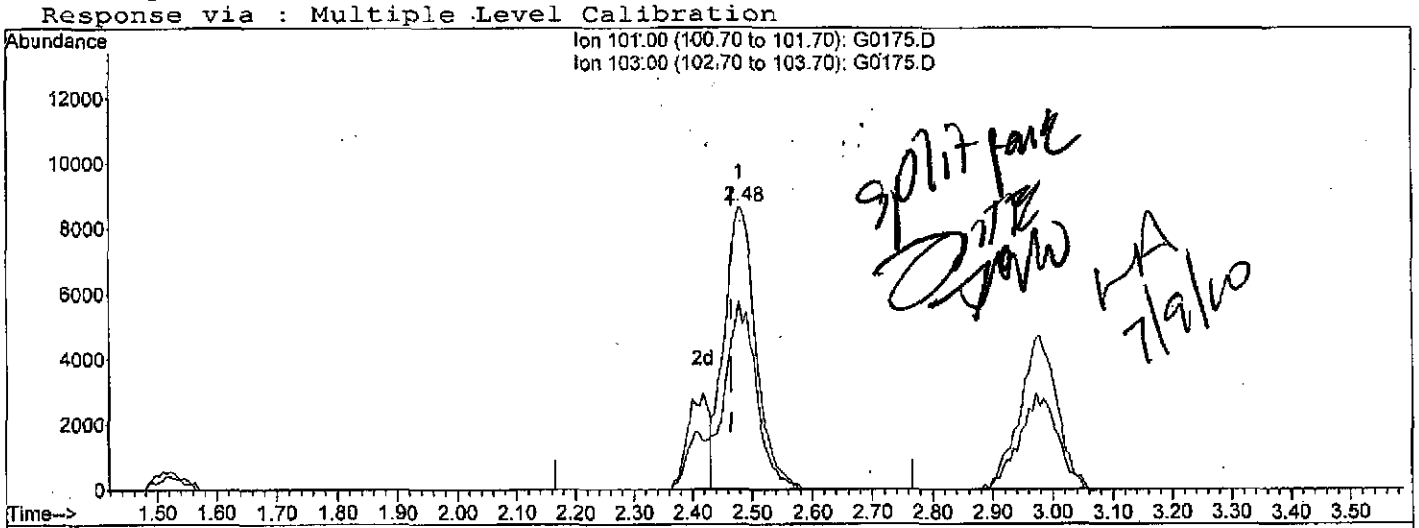


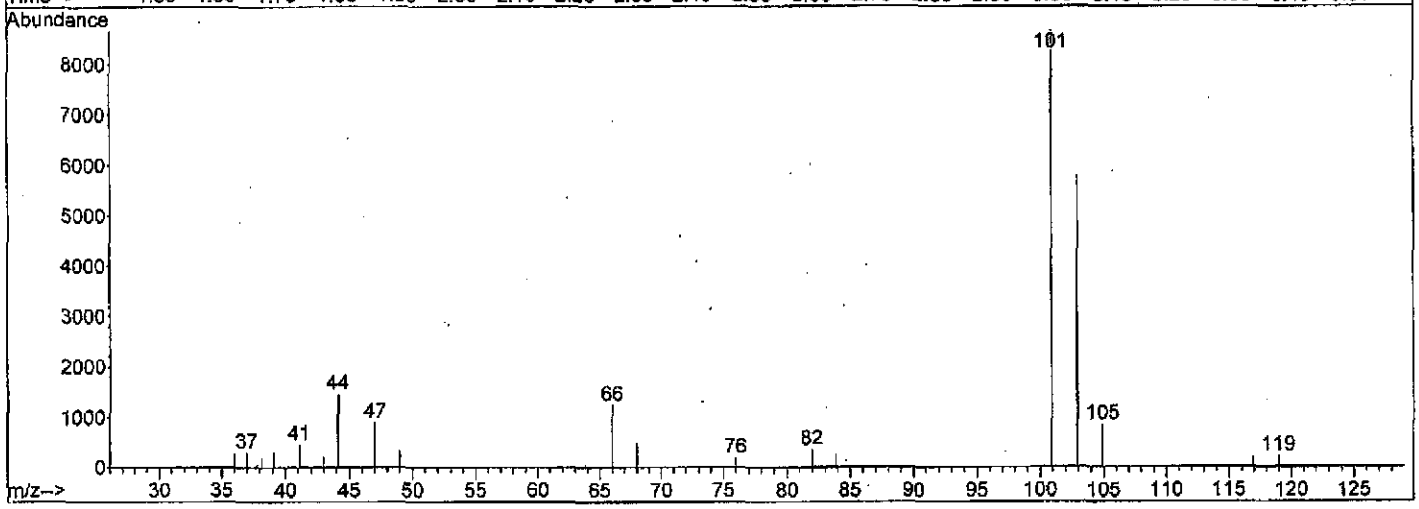
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0175.D
Acq On : 9 Jul 2010 12:26
Sample : T003005-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:14 2010

Vial: 5
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0175.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.012) 7.29ug/L

response 31619

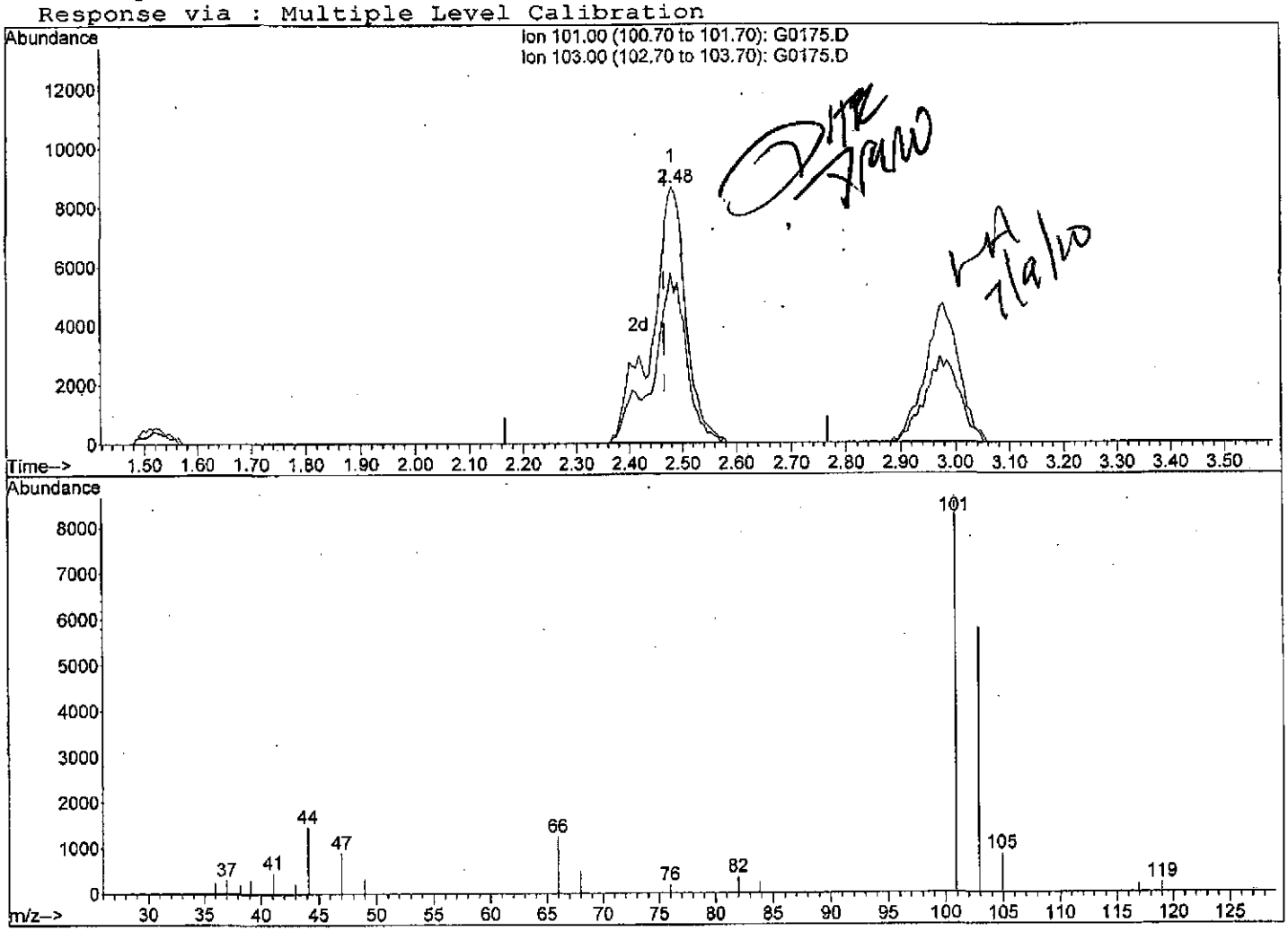
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	66.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0175.D
Acq On : 9 Jul 2010 12:26
Sample : T003005-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:14 2010

Vial: 5
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration



TIC: G0175.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.012) 8.99ug/L m

response 38992

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	66.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0176.D Vial: 6
Acq On : 9 Jul 2010 12:49 Operator: DHC
Sample : T003005-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:06:22 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	196522	25.00	ug/L	0.00 100.00%
42) CI20	Chlorobenzene-D5	8.73	82	109321	25.00	ug/L	0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	11.09	152	105405	25.00	ug/L	0.00 100.00%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.45	65	94493	23.34	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	93.36%		
43) CS05	Toluene-D8	7.25	98	252975	25.10	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	100.40%		
61) CS10	p-Bromofluorobenzene	9.97	174	79057	24.01	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	96.04%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.52	85	74126	25.95	ug/L #	100
3) C010	Chloromethane	1.65	50	100859	24.72	ug/L	96
4) C020	Vinyl chloride	1.78	62	86757	25.27	ug/L	88
5) C015	Bromomethane	2.08	94	38963	24.52	ug/L	83
6) C025	Chloroethane	2.18	64	46015	25.42	ug/L	87
7) C275	Trichlorofluorometha	2.48	101	111125m	25.48	ug/L	99
8) C045	1,1-Dichloroethene	2.97	96	56894	25.40	ug/L	82
9) C030	Methylene chloride	3.47	84	70228	23.06	ug/L	87
10) C040	Carbon disulfide	3.20	76	182715	25.26	ug/L	100
11) C036	Acrolein	2.90	56	191910	470.95	ug/L	96
12) C038	Acrylonitrile	3.73	53	172656	125.10	ug/L	93
13) C035	Acetone	3.06	43	152689	120.45	ug/L	90
14) C300	Acetonitrile	3.36	41	486391	980.80	ug/L	98
15) C276	Iodomethane	3.13	142	73389	25.20	ug/L	89
16) C291	1,1,2-Trichloro-1,2,	2.98	101	56783	26.32	ug/L	93
17) C962	T-butyl Methyl Ether	3.70	73	253404	25.16	ug/L	91
18) C057	trans-1,2-Dichloroet	3.70	96	60079	24.52	ug/L	83
19) C255	Methyl Acetate	3.36	43	102813	25.16	ug/L	92
20) C050	1,1-Dichloroethane	4.12	63	125531	24.82	ug/L	98
21) C125	Vinyl Acetate	4.17	43	901592	125.54	ug/L	97
22) C051	2,2-Dichloropropane	4.65	77	98307	24.36	ug/L	91
23) C056	cis-1,2-Dichloroethe	4.67	96	66674	24.79	ug/L #	78
24) C272	Tetrahydrofuran	4.95	42	164803	123.43	ug/L	93
25) C222	Bromochloromethane	4.91	128	32536	24.84	ug/L #	76
26) C060	Chloroform	4.98	83	118671	24.85	ug/L	99
27) C115	1,1,1-Trichloroethan	5.11	97	106824	25.38	ug/L	98
28) C120	Carbon tetrachloride	5.26	117	78167	25.25	ug/L	97
29) C116	1,1-Dichloropropene	5.26	75	92855	24.95	ug/L	96
31) C165	Benzene	5.47	78	264398	25.00	ug/L	99
32) C065	1,2-Dichloroethane	5.51	62	119859	25.09	ug/L	99
33) C110	2-Butanone	4.70	43	246123	123.37	ug/L	94
34) C256	Cyclohexane	5.14	56	128489	25.65	ug/L	91
35) C150	Trichloroethene	6.08	95	65023	24.69	ug/L	92
36) C140	1,2-Dichloropropane	6.31	63	72018	25.28	ug/L	100
37) C278	Dibromomethane	6.44	93	40400	25.19	ug/L	95
38) C130	Bromodichloromethane	6.59	83	86015	25.43	ug/L	99
39) C161	2-Chloroethylvinyl E	6.86	63	256910	127.80	ug/L	94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0176.D Vial: 6
Acq On : 9 Jul 2010 12:49 Operator: DHC
Sample : T003005-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:06:22 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

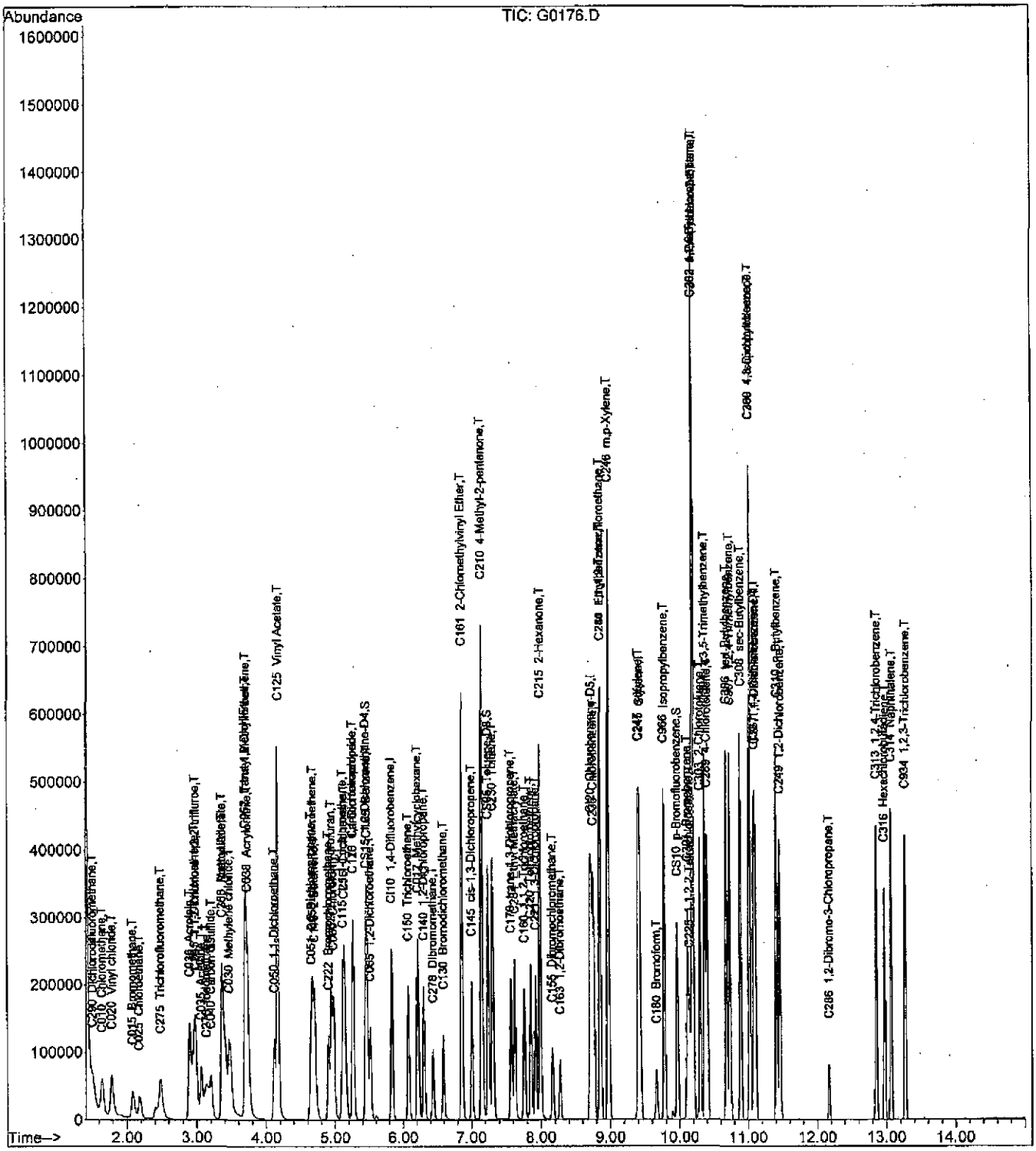
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	6.22	83	114619	25.50	ug/L		91
41) C145	cis-1,3-Dichloroprop	7.01	75	109203	25.18	ug/L		98
44) C230	Toluene	7.31	92	167631	25.01	ug/L		94
45) C170	trans-1,3-Dichloropr	7.57	75	112321	25.87	ug/L		99
46) C284	Ethyl Methacrylate	7.62	69	107840	26.46	ug/L	#	89
47) C160	1,1,2-Trichloroethan	7.76	83	49852	24.80	ug/L		98
48) C210	4-Methyl-2-pentanone	7.15	43	540132	126.37	ug/L		98
49) C220	Tetrachloroethene	7.86	166	71526	25.11	ug/L		97
50) C221	1,3-Dichloropropane	7.92	76	118194	25.24	ug/L		99
51) C155	Dibromochloromethane	8.17	129	56727	25.56	ug/L		94
52) C163	1,2-Dibromoethane	8.28	107	62858	24.79	ug/L		97
53) C215	2-Hexanone	7.99	43	394079	126.77	ug/L		97
54) C235	Chlorobenzene	8.76	112	181161	24.85	ug/L		93
55) C281	1,1,1,2-Tetrachloroe	8.86	131	59200	25.36	ug/L		99
56) C240	Ethylbenzene	8.86	91	332573	25.68	ug/L		99
57) C246	m,p-Xylene	8.98	106	261900	51.12	ug/L		99
58) C247	o-Xylene	9.40	106	126760	25.26	ug/L		95
59) C245	Styrene	9.43	104	214084	25.99	ug/L		94
60) C180	Bromoform	9.67	173	36198	25.72	ug/L		99
63) C966	Isopropylbenzene	9.78	105	341952	25.61	ug/L		94
64) C301	Bromobenzene	10.12	156	83548	25.55	ug/L		94
65) C225	1,1,2,2-Tetrachloroe	10.15	83	86368	25.35	ug/L		99
66) C282	1,2,3-Trichloropropa	10.18	110	27734	24.52	ug/L		100
67) C283	t-1,4-Dichloro-2-But	10.19	51	92357	128.12	ug/L	#	55
68) C302	n-Propylbenzene	10.20	91	409417	25.41	ug/L		92
69) C303	2-Chlorotoluene	10.30	126	75693	25.19	ug/L		100
70) C289	4-Chlorotoluene	10.41	126	78086	25.28	ug/L		100
71) C304	1,3,5-Trimethylbenze	10.37	105	296670	25.68	ug/L		93
72) C306	tert-Butylbenzene	10.68	134	61574	25.47	ug/L	#	84
73) C307	1,2,4-Trimethylbenze	10.73	105	300765	25.82	ug/L		95
74) C308	sec-Butylbenzene	10.89	105	367241	25.77	ug/L		95
75) C260	1,3-Dichlorobenzene	11.03	146	160053	25.41	ug/L		99
76) C309	4-Isopropyltoluene	11.03	119	304828	25.97	ug/L		96
77) C267	1,4-Dichlorobenzene	11.11	146	167761	25.50	ug/L		98
78) C249	1,2-Dichlorobenzene	11.46	146	158826	25.11	ug/L		97
79) C310	n-Butylbenzene	11.41	91	278636	26.04	ug/L		98
80) C286	1,2-Dibromo-3-Chloro	12.17	75	19790	26.37	ug/L	#	69
81) C313	1,2,4-Trichlorobenze	12.85	180	124879	25.56	ug/L		96
82) C316	Hexachlorobutadiene	12.97	225	64001	25.26	ug/L		96
83) C314	Naphthalene	13.07	128	319686	25.65	ug/L		96
84) C934	1,2,3-Trichlorobenze	13.27	180	121784	25.29	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0176.D Vial: 6
Acq On : 9 Jul 2010 12:49 Operator: DHC
Sample : T003005-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:06:22 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA

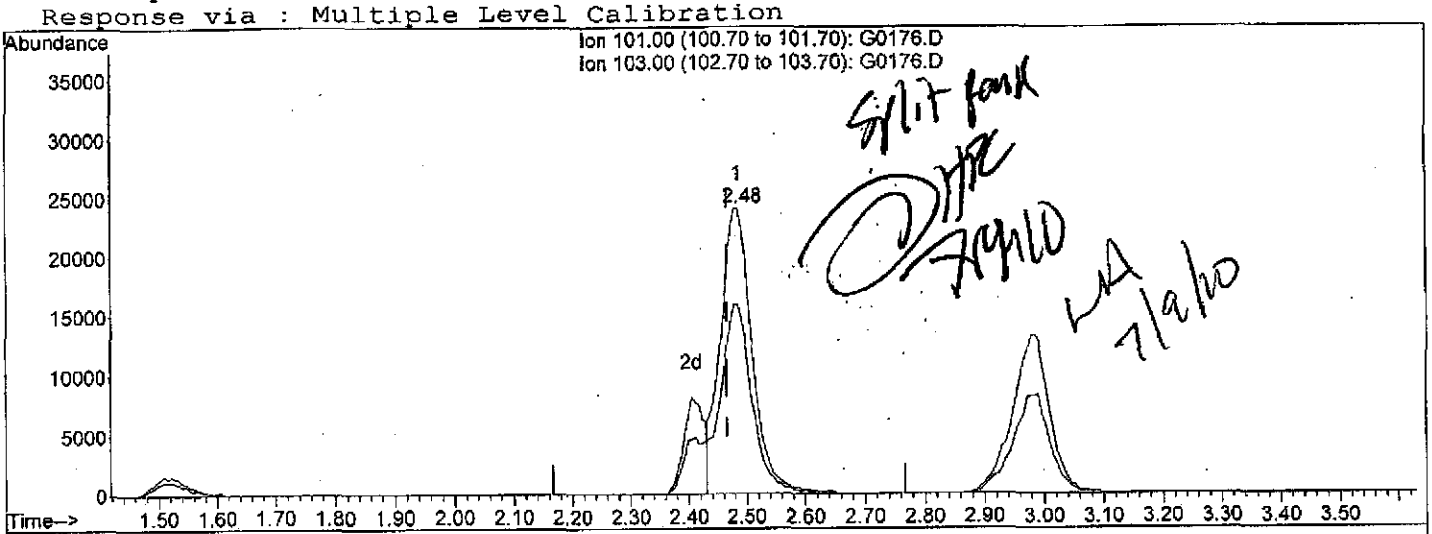


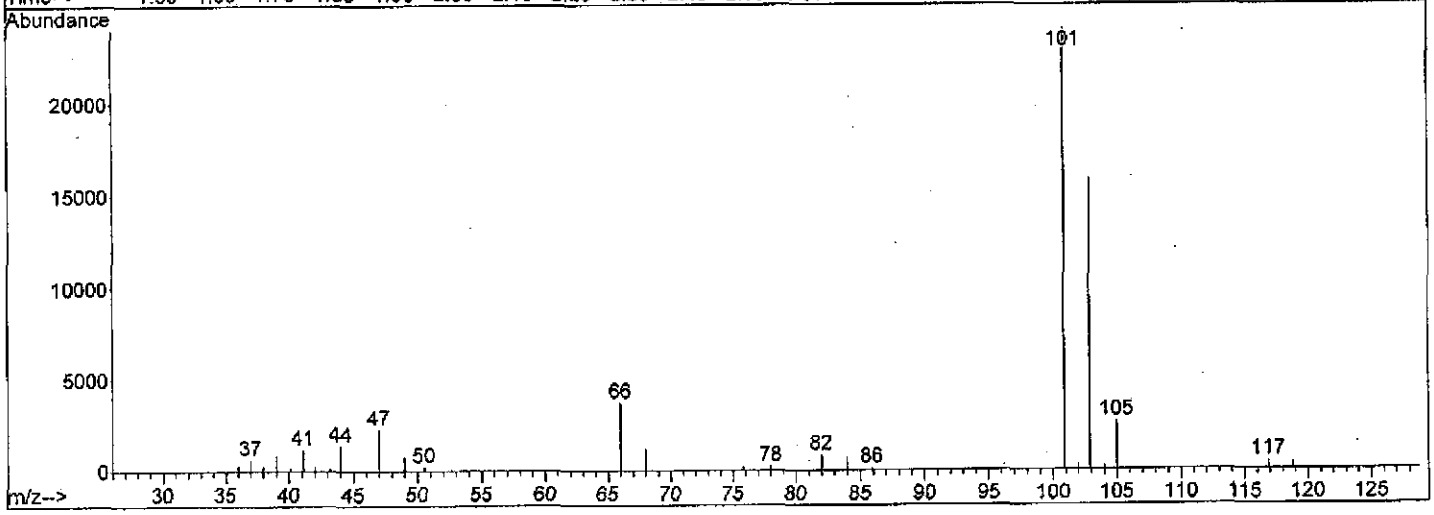
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0176.D
Acq On : 9 Jul 2010 12:49
Sample : T003005-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:20 2010

Vial: 6
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0176.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.018) 20.89ug/L

response 91106

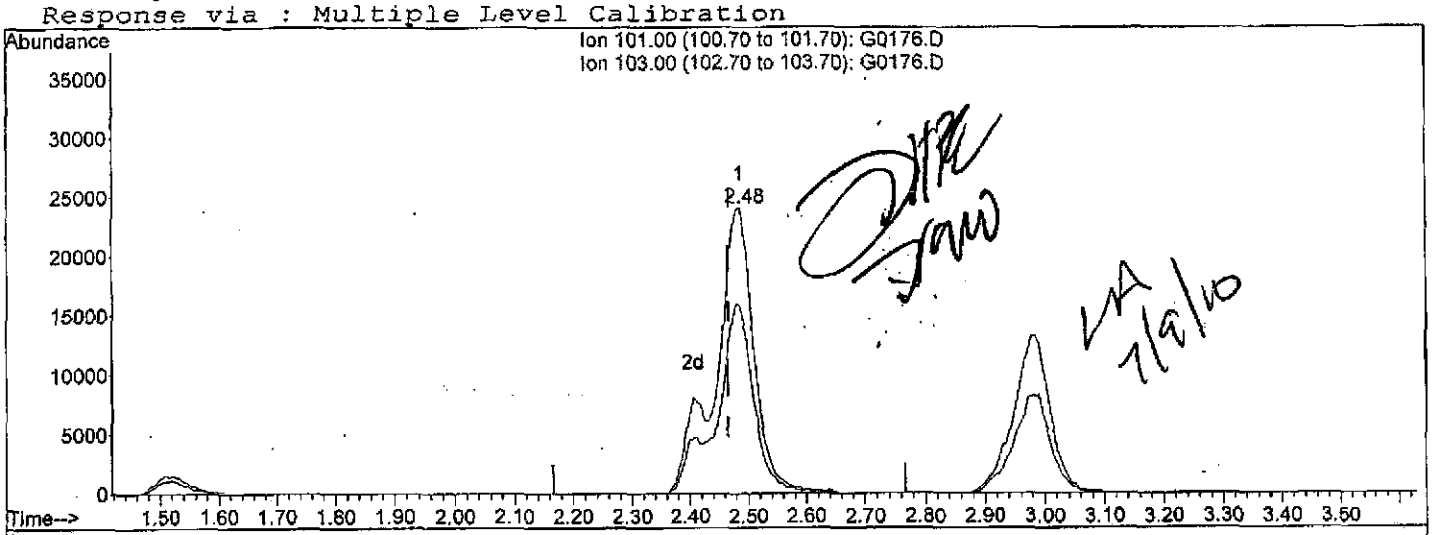
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.75
0.00	0.00	0.00
0.00	0.00	0.00

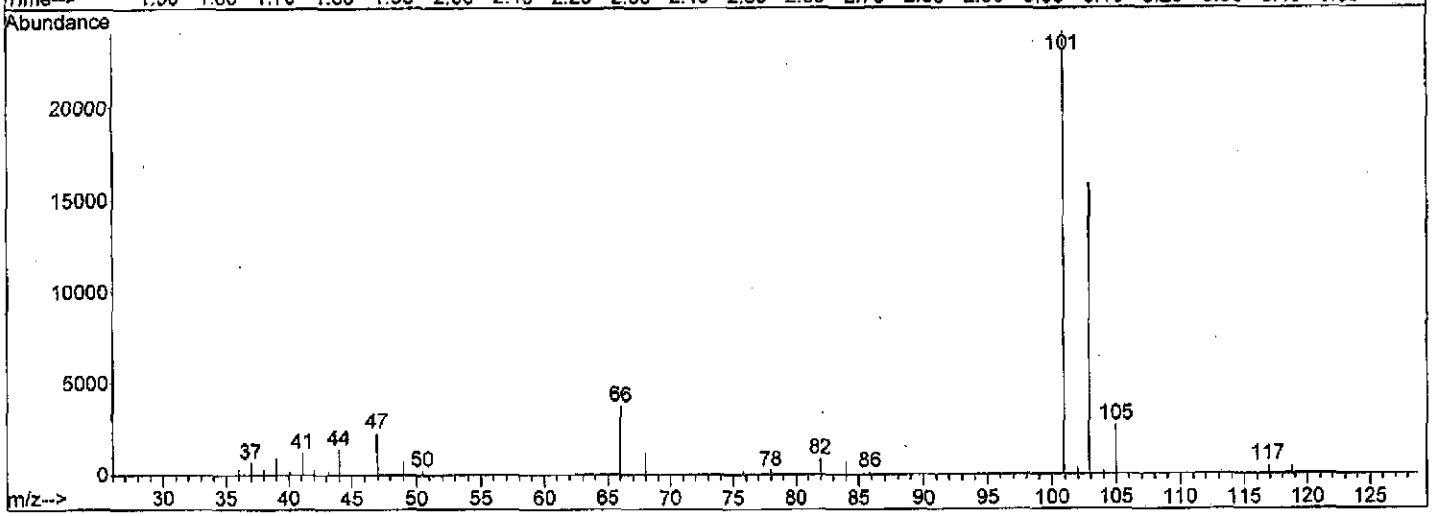
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0176.D
Acq On : 9 Jul 2010 12:49
Sample : T003005-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:20 2010

Vial: 6
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0176.D

(7) C275 *Trichlorofluoromethane (T)*

2.48min (+0.018) 25.48ug/L m

response 111125

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0177.D Vial: 7
Acq On : 9 Jul 2010 13:11 Operator: DHC
Sample : T003005-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:06:44 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	195564	25.00	ug/L		0.00 99.51%
42) CI20	Chlorobenzene-D5	8.73	82	109713	25.00	ug/L		0.00 100.36%
62) CI30	1,4-Dichlorobenzene-	11.09	152	106555	25.00	ug/L		0.00 101.09%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	5.45	65	200132	49.68	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	198.72%#		
43) CS05	Toluene-D8	7.25	98	501863	49.61	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	198.44%#		
61) CS10	p-Bromofluorobenzene	9.97	174	165032	49.94	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	199.76%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	157410	55.38	ug/L	#	100
3) C010	Chloromethane	1.67	50	210260	51.79	ug/L		95
4) C020	Vinyl chloride	1.80	62	182208	53.34	ug/L		87
5) C015	Bromomethane	2.10	94	81632	51.62	ug/L		89
6) C025	Chloroethane	2.20	64	96481	53.56	ug/L		86
7) C275	Trichlorofluorometha	2.50	101	230774m	53.18	ug/L		98
8) C045	1,1-Dichloroethene	2.98	96	116996	52.49	ug/L	#	77
9) C030	Methylene chloride	3.48	84	139803	46.12	ug/L		88
10) C040	Carbon disulfide	3.21	76	378969	52.65	ug/L		100
11) C036	Acrolein	2.91	56	414641	1022.52	ug/L		95
12) C038	Acrylonitrile	3.74	53	356136	259.31	ug/L		92
13) C035	Acetone	3.07	43	312576	247.79	ug/L		91
14) C300	Acetonitrile	3.37	41	996177	2018.62	ug/L		98
15) C276	Iodomethane	3.14	142	150241	51.84	ug/L		91
16) C291	1,1,2-Trichloro-1,2,	2.99	101	115323	53.73	ug/L		95
17) C962	T-butyl Methyl Ether	3.71	73	510464	50.94	ug/L		90
18) C057	trans-1,2-Dichloroet	3.71	96	124607	51.12	ug/L		84
19) C255	Methyl Acetate	3.37	43	215521	53.01	ug/L		92
20) C050	1,1-Dichloroethane	4.12	63	260452	51.74	ug/L		98
21) C125	Vinyl Acetate	4.17	43	1887353	264.08	ug/L		97
22) C051	2,2-Dichloropropane	4.66	77	207352	51.64	ug/L		91
23) C056	cis-1,2-Dichloroethe	4.68	96	136677	51.07	ug/L	#	77
24) C272	Tetrahydrofuran	4.95	42	341030	256.66	ug/L		92
25) C222	Bromochloromethane	4.91	128	65912	50.56	ug/L	#	74
26) C060	Chloroform	4.99	83	242681	51.07	ug/L		99
27) C115	1,1,1-Trichloroethan	5.12	97	225033	53.74	ug/L		95
28) C120	Carbon tetrachloride	5.26	117	174888	56.78	ug/L		97
29) C116	1,1-Dichloropropene	5.27	75	193555	52.26	ug/L		96
31) C165	Benzene	5.47	78	541142	51.41	ug/L		100
32) C065	1,2-Dichloroethane	5.52	62	248519	52.27	ug/L		99
33) C110	2-Butanone	4.70	43	519533	261.69	ug/L		94
34) C256	Cyclohexane	5.14	56	265320	53.22	ug/L		93
35) C150	Trichloroethene	6.08	95	136014	51.91	ug/L		94
36) C140	1,2-Dichloropropane	6.31	63	144928	51.13	ug/L		100
37) C278	Dibromomethane	6.44	93	82770	51.87	ug/L		92
38) C130	Bromodichloromethane	6.59	83	182960	54.36	ug/L		99
39) C161	2-Chloroethylvinyl E	6.87	63	527338	263.61	ug/L		94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0177.D Vial: 7
Acq On : 9 Jul 2010 13:11 Operator: DHC
Sample : T003005-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:06:44 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

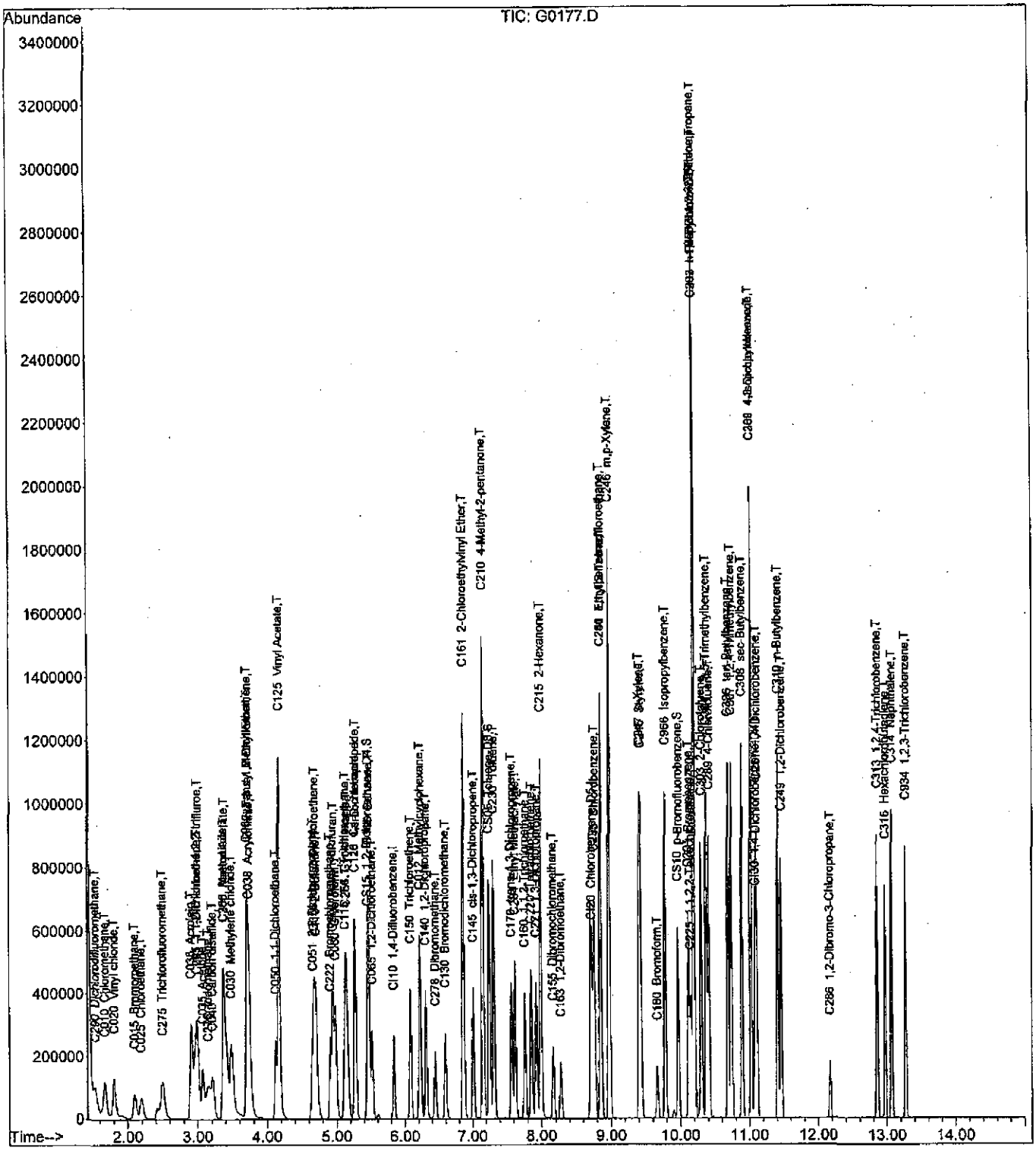
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.22	83	240672	53.80	ug/L		92
41)	C145	cis-1,3-Dichloroprop	7.01	75	232964	53.97	ug/L		99
44)	C230	Toluene	7.31	92	347881	51.72	ug/L		98
45)	C170	trans-1,3-Dichloropr	7.58	75	235501	54.04	ug/L		99
46)	C284	Ethyl Methacrylate	7.62	69	223137	54.56	ug/L	#	87
47)	C160	1,1,2-Trichloroethan	7.76	83	103390	51.25	ug/L		96
48)	C210	4-Methyl-2-pentanone	7.15	43	1119100	260.89	ug/L		98
49)	C220	Tetrachloroethene	7.86	166	149737	52.37	ug/L		99
50)	C221	1,3-Dichloropropane	7.93	76	237624	50.57	ug/L		98
51)	C155	Dibromochloromethane	8.17	129	125678	56.42	ug/L		99
52)	C163	1,2-Dibromoethane	8.28	107	131280	51.59	ug/L		96
53)	C215	2-Hexanone	7.99	43	824067	264.15	ug/L		97
54)	C235	Chlorobenzene	8.76	112	374304	51.16	ug/L		95
55)	C281	1,1,1,2-Tetrachloroe	8.86	131	126797	54.13	ug/L		98
56)	C240	Ethylbenzene	8.86	91	679202	52.26	ug/L		99
57)	C246	m,p-Xylene	8.98	106	530947	103.26	ug/L		96
58)	C247	o-Xylene	9.40	106	259316	51.49	ug/L		95
59)	C245	Styrene	9.43	104	440314	53.27	ug/L		94
60)	C180	Bromoform	9.67	173	84753	60.00	ug/L		98
63)	C966	Isopropylbenzene	9.78	105	704864	52.22	ug/L		96
64)	C301	Bromobenzene	10.12	156	167172	50.58	ug/L		91
65)	C225	1,1,2,2-Tetrachloroe	10.15	83	180226	52.32	ug/L		98
66)	C282	1,2,3-Trichloropropa	10.18	110	57981	50.72	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	10.20	51	196980	270.30	ug/L	#	55
68)	C302	n-Propylbenzene	10.20	91	842028	51.70	ug/L		89
69)	C303	2-Chlorotoluene	10.30	126	155649	51.23	ug/L		100
70)	C289	4-Chlorotoluene	10.41	126	160810	51.51	ug/L		100
71)	C304	1,3,5-Trimethylbenze	10.37	105	611715	52.38	ug/L		94
72)	C306	tert-Butylbenzene	10.68	134	129243	52.89	ug/L	#	85
73)	C307	1,2,4-Trimethylbenze	10.73	105	619491	52.61	ug/L		95
74)	C308	sec-Butylbenzene	10.89	105	770227	53.47	ug/L		95
75)	C260	1,3-Dichlorobenzene	11.03	146	326532	51.28	ug/L		99
76)	C309	4-Isopropyltoluene	11.03	119	633079	53.35	ug/L		96
77)	C267	1,4-Dichlorobenzene	11.11	146	341162	51.29	ug/L		99
78)	C249	1,2-Dichlorobenzene	11.46	146	326303	51.03	ug/L		98
79)	C310	n-Butylbenzene	11.41	91	584816	54.06	ug/L		95
80)	C286	1,2-Dibromo-3-Chloro	12.17	75	42233	55.67	ug/L		75
81)	C313	1,2,4-Trichlorobenze	12.85	180	258383	52.32	ug/L		99
82)	C316	Hexachlorobutadiene	12.98	225	137283	53.61	ug/L		99
83)	C314	Naphthalene	13.07	128	677142	53.75	ug/L		95
84)	C934	1,2,3-Trichlorobenze	13.27	180	253253	52.03	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0177.D Vial: 7
Acq On : 9 Jul 2010 13:11 Operator: DHC
Sample : T003005-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:06:44 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA

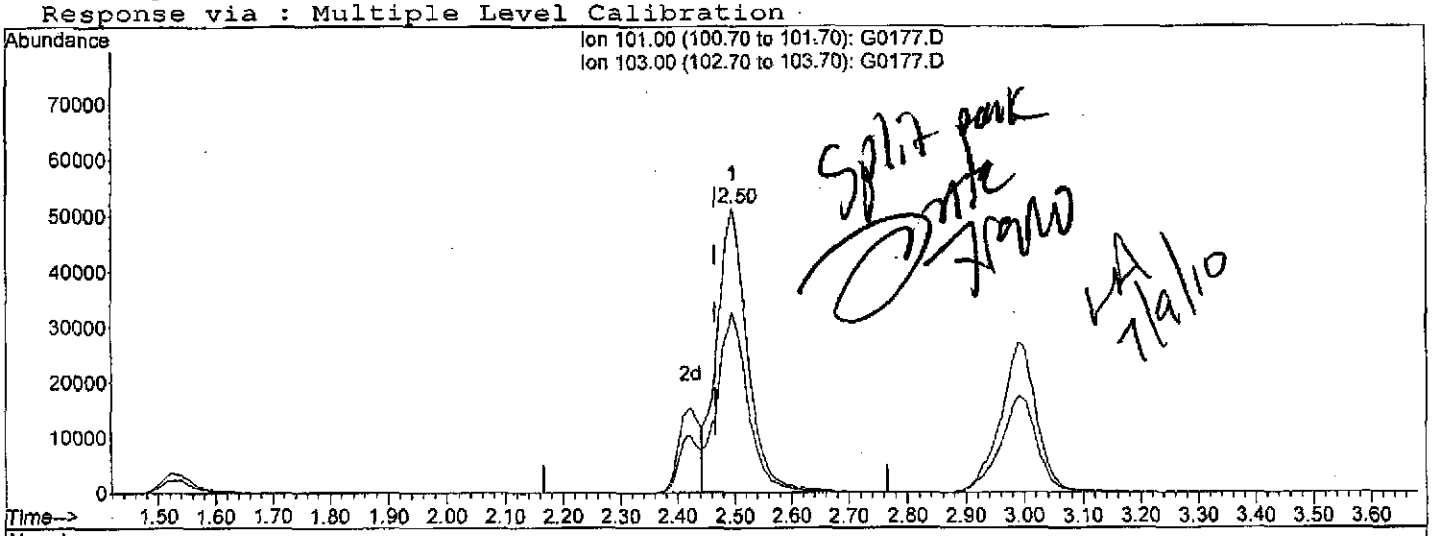


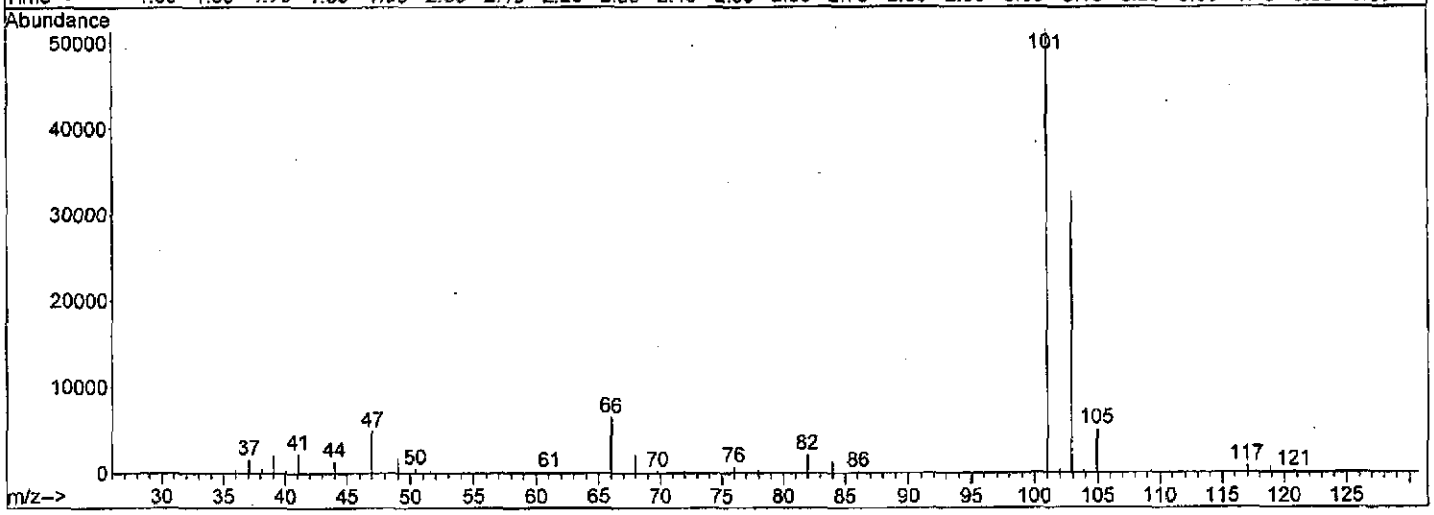
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0177.D
Acq On : 9 Jul 2010 13:11
Sample : T003005-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:26 2010

Vial: 7
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0177.D

(7) C275 Trichlorofluoromethane (T)

2.50min (+0.031) 44.04ug/L

response 191100

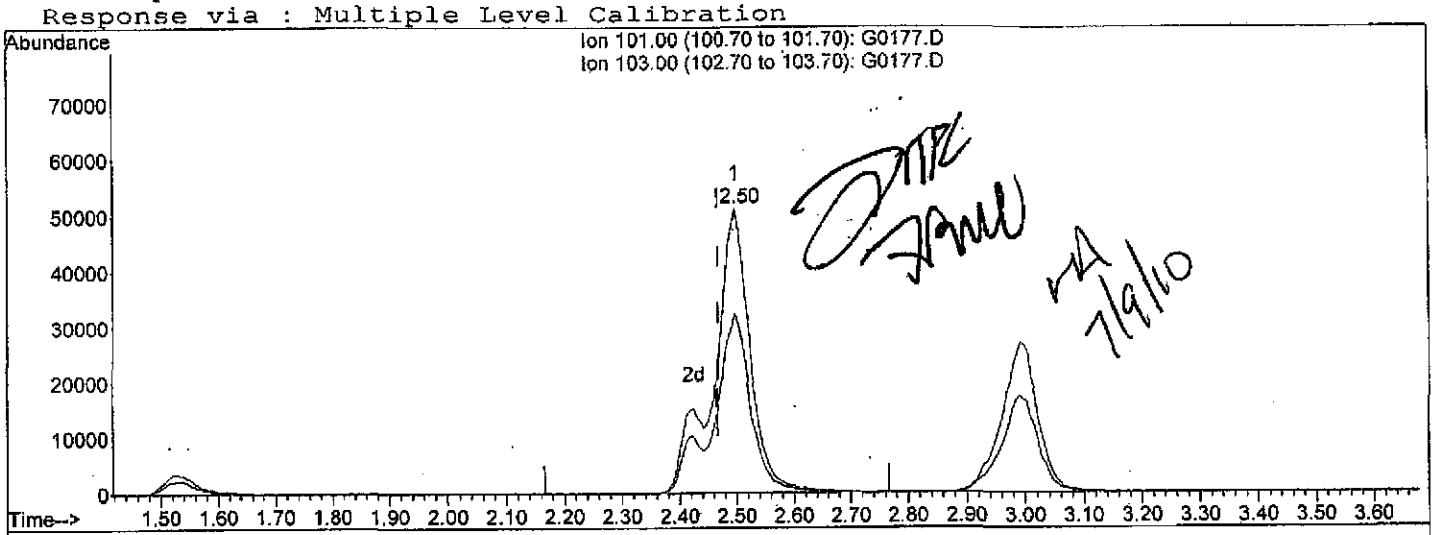
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	63.52
0.00	0.00	0.00
0.00	0.00	0.00

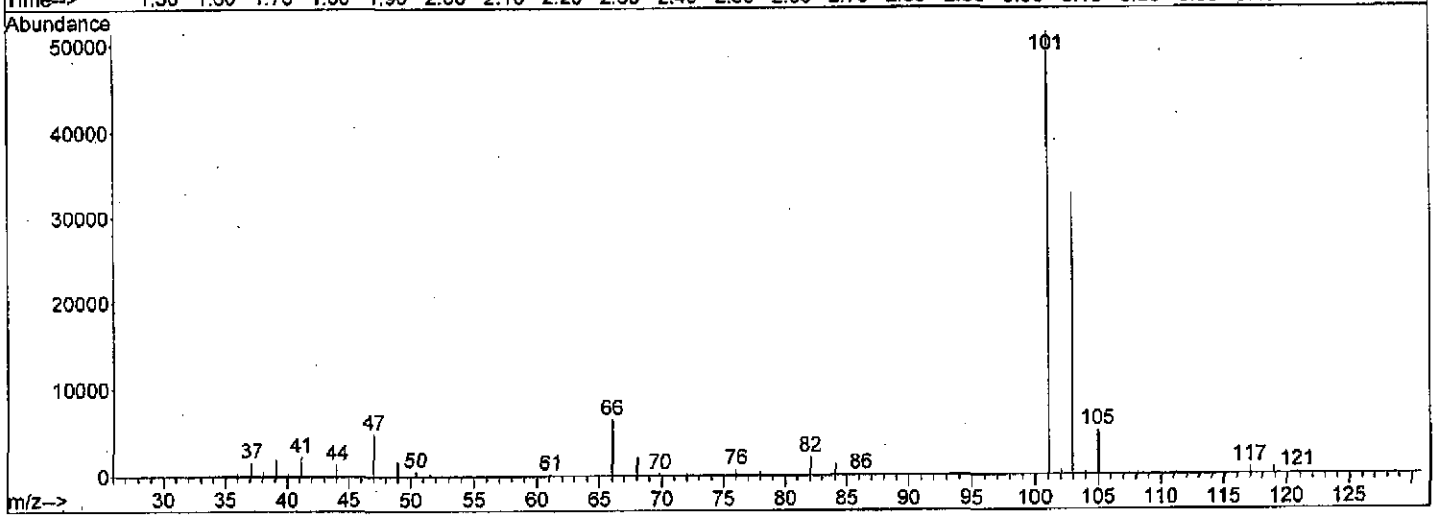
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0177.D
Acq On : 9 Jul 2010 13:11
Sample : T003005-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:26 2010

Vial: 7
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0177.D

(7) C275 Trichlorofluoromethane (T)

2.50min (+0.031) 53.18ug/L m

response 230774

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	63.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0178.D Vial: 8
Acq On : 9 Jul 2010 13:33 Operator: DHC
Sample : T003005-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:07:46 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	205359	25.00	ug/L	0.00 104.50%
42) CI20	Chlorobenzene-D5	8.73	82	116077	25.00	ug/L	0.00 106.18%
62) CI30	1,4-Dichlorobenzene-	11.09	152	110798	25.00	ug/L	0.00 105.12%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.45	65	398426	94.18	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	376.72%#	
43) CS05	Toluene-D8	7.25	98	988122	92.32	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	369.28%#	
61) CS10	p-Bromofluorobenzene	9.97	174	326334	93.34	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	373.36%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.52	85	327707	109.80	ug/L #	100
3) C010	Chloromethane	1.67	50	436508	102.39	ug/L	99
4) C020	Vinyl chloride	1.80	62	369000	102.86	ug/L	87
5) C015	Bromomethane	2.10	94	168026	101.19	ug/L	87
6) C025	Chloroethane	2.19	64	203999	107.84	ug/L	86
7) C275	Trichlorofluorometha	2.49	101	476401m	104.55	ug/L	100
8) C045	1,1-Dichloroethene	2.98	96	238019	101.70	ug/L #	79
9) C030	Methylene chloride	3.48	84	286455	90.00	ug/L	89
10) C040	Carbon disulfide	3.20	76	789524	104.46	ug/L	99
11) C036	Acrolein	2.90	56	825121	1937.72	ug/L	96
12) C038	Acrylonitrile	3.73	53	705923	489.49	ug/L	92
13) C035	Acetone	3.06	43	642047	484.69	ug/L	92
14) C300	Acetonitrile	3.37	41	2036232	3929.36	ug/L	98
15) C276	Iodomethane	3.14	142	313265	102.93	ug/L	91
16) C291	1,1,2-Trichloro-1,2,	2.99	101	247025	109.59	ug/L	94
17) C962	T-butyl Methyl Ether	3.70	73	1056884	100.43	ug/L	90
18) C057	trans-1,2-Dichloroet	3.70	96	251596	98.28	ug/L #	81
19) C255	Methyl Acetate	3.37	43	414984	97.20	ug/L	94
20) C050	1,1-Dichloroethane	4.12	63	524327	99.19	ug/L	99
21) C125	Vinyl Acetate	4.17	43	3830648	510.43	ug/L	98
22) C051	2,2-Dichloropropane	4.65	77	419546	99.50	ug/L	90
23) C056	cis-1,2-Dichloroethe	4.68	96	277520	98.75	ug/L #	80
24) C272	Tetrahydrofuran	4.94	42	675478	484.11	ug/L	94
25) C222	Bromochloromethane	4.91	128	137851	100.71	ug/L #	80
26) C060	Chloroform	4.98	83	495221	99.24	ug/L	99
27) C115	1,1,1-Trichloroethan	5.12	97	466029	105.97	ug/L	96
28) C120	Carbon tetrachloride	5.26	117	374029	115.63	ug/L	99
29) C116	1,1-Dichloropropene	5.26	75	394392	101.41	ug/L	97
31) C165	Benzene	5.47	78	1099366	99.46	ug/L	100
32) C065	1,2-Dichloroethane	5.52	62	504048	100.96	ug/L	99
33) C110	2-Butanone	4.70	43	1038419	498.11	ug/L	95
34) C256	Cyclohexane	5.14	56	561166	107.19	ug/L	92
35) C150	Trichloroethene	6.08	95	274334	99.70	ug/L	95
36) C140	1,2-Dichloropropane	6.31	63	299083	100.47	ug/L	99
37) C278	Dibromomethane	6.44	93	170695	101.86	ug/L	93
38) C130	Bromodichloromethane	6.59	83	389858	110.30	ug/L	99
39) C161	2-Chloroethylvinyl E	6.87	63	1059474	504.36	ug/L	94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0178.D Vial: 8
Acq On : 9 Jul 2010 13:33 Operator: DHC
Sample : T003005-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:07:46 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\070710\G0176.D (9 Jul 2010 12:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	6.22	83	504832	107.47	ug/L		92
41) C145	cis-1,3-Dichloroprop	7.01	75	483295	106.63	ug/L		99
44) C230	Toluene	7.31	92	697415	97.99	ug/L		96
45) C170	trans-1,3-Dichloropr	7.57	75	490072	106.29	ug/L		99
46) C284	Ethyl Methacrylate	7.62	69	459640	106.23	ug/L	#	87
47) C160	1,1,2-Trichloroethan	7.76	83	213070	99.82	ug/L		97
48) C210	4-Methyl-2-pentanone	7.15	43	2209446	486.84	ug/L		98
49) C220	Tetrachloroethene	7.86	166	308496	101.99	ug/L		99
50) C221	1,3-Dichloropropane	7.93	76	489964	98.56	ug/L		99
51) C155	Dibromochloromethane	8.17	129	277705	117.83	ug/L		99
52) C163	1,2-Dibromoethane	8.28	107	272460	101.19	ug/L		98
53) C215	2-Hexanone	7.99	43	1633190	494.80	ug/L		97
54) C235	Chlorobenzene	8.76	112	751385	97.07	ug/L		94
55) C281	1,1,1,2-Tetrachloroe	8.86	131	267658	107.99	ug/L		98
56) C240	Ethylbenzene	8.86	91	1363122	99.13	ug/L		99
57) C246	m,p-Xylene	8.98	106	1064014	195.59	ug/L		95
58) C247	o-Xylene	9.40	106	523541	98.25	ug/L		93
59) C245	Styrene	9.43	104	892863	102.10	ug/L		93
60) C180	Bromoform	9.67	173	193648	129.57	ug/L		96
63) C966	Isopropylbenzene	9.78	105	1437141	102.38	ug/L		94
64) C301	Bromobenzene	10.12	156	340109	98.97	ug/L		91
65) C225	1,1,2,2-Tetrachloroe	10.15	83	369613	103.19	ug/L		99
66) C282	1,2,3-Trichloropropa	10.18	110	114767	96.54	ug/L		100
67) C283	t-1,4-Dichloro-2-But	10.20	51	398405	525.76	ug/L	#	56
68) C302	n-Propylbenzene	10.20	91	1670845	98.66	ug/L		89
69) C303	2-Chlorotoluene	10.30	126	314021	99.40	ug/L		100
70) C289	4-Chlorotoluene	10.41	126	322473	99.34	ug/L		100
71) C304	1,3,5-Trimethylbenze	10.37	105	1239195	102.05	ug/L		92
72) C306	tert-Butylbenzene	10.68	134	262500	103.31	ug/L	#	81
73) C307	1,2,4-Trimethylbenze	10.74	105	1267997	103.57	ug/L		92
74) C308	sec-Butylbenzene	10.89	105	1559798	104.14	ug/L		94
75) C260	1,3-Dichlorobenzene	11.03	146	652601	98.56	ug/L		99
76) C309	4-Isopropyltoluene	11.03	119	1267425	102.71	ug/L		94
77) C267	1,4-Dichlorobenzene	11.11	146	696794	100.75	ug/L		97
78) C249	1,2-Dichlorobenzene	11.46	146	661935	99.55	ug/L		97
79) C310	n-Butylbenzene	11.41	91	1198447	106.53	ug/L		95
80) C286	1,2-Dibromo-3-Chloro	12.17	75	90949	115.29	ug/L		78
81) C313	1,2,4-Trichlorobenze	12.85	180	545409	106.22	ug/L		98
82) C316	Hexachlorobutadiene	12.98	225	285673	107.28	ug/L		99
83) C314	Naphthalene	13.07	128	1420101	108.41	ug/L		96
84) C934	1,2,3-Trichlorobenze	13.27	180	519695	102.67	ug/L		99

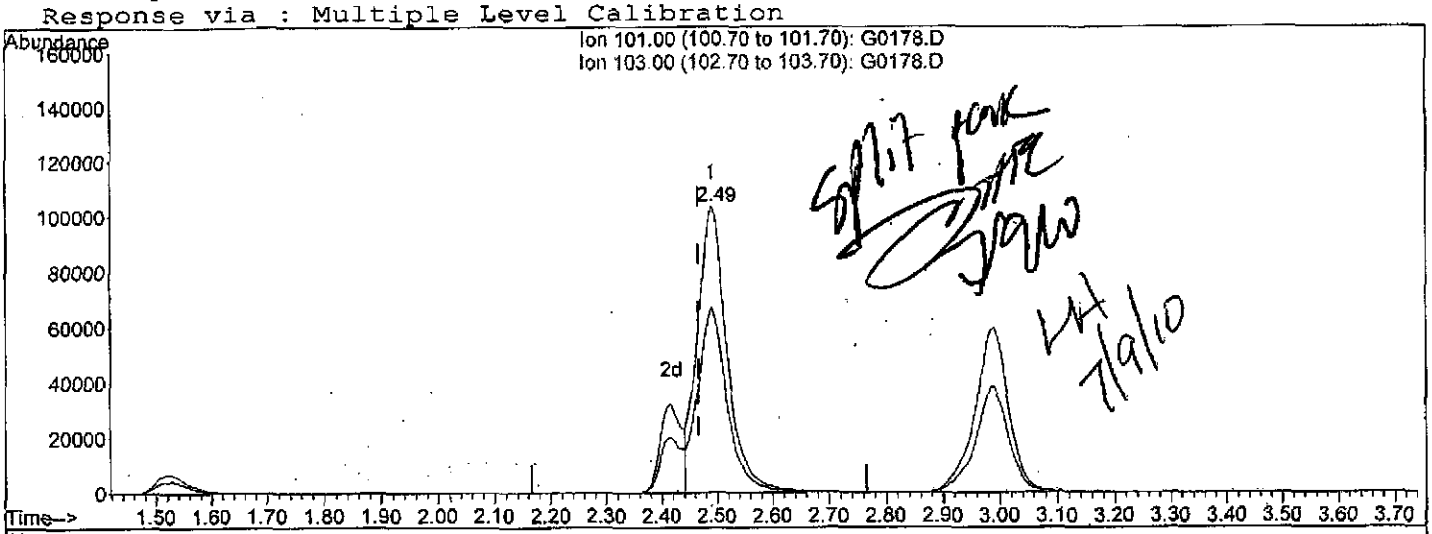
(#) = qualifier out of range (m) = manual integration (+) = signals summed

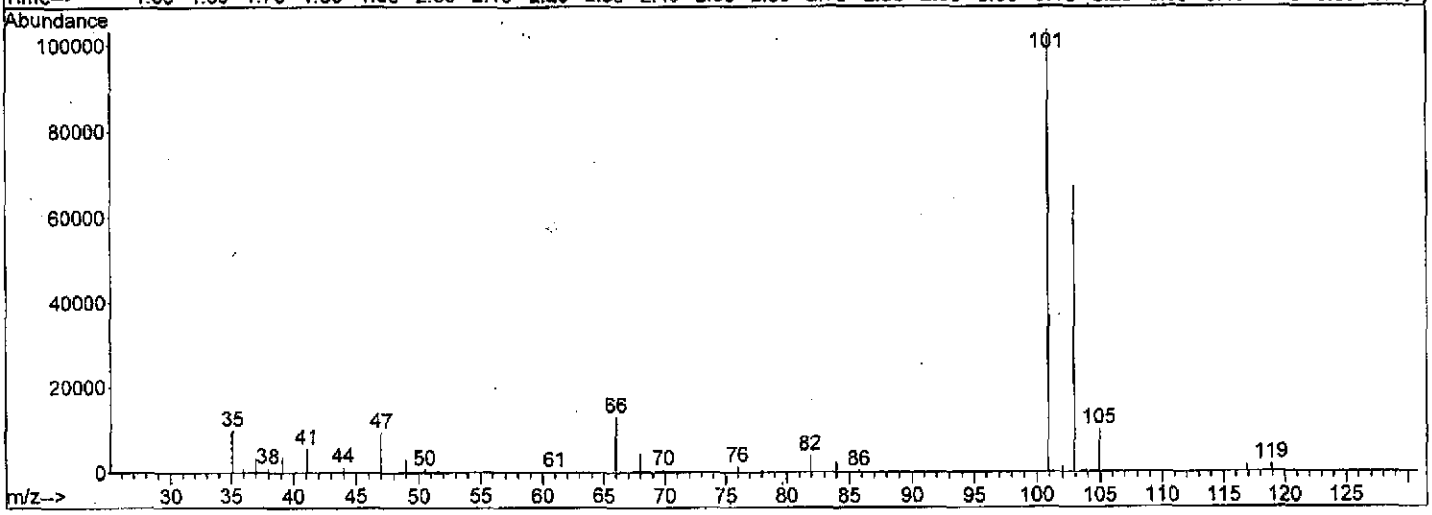
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0178.D
Acq On : 9 Jul 2010 13:33
Sample : T003005-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:37 2010

Vial: 8
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0178.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.024) 84.28ug/L

response 384066

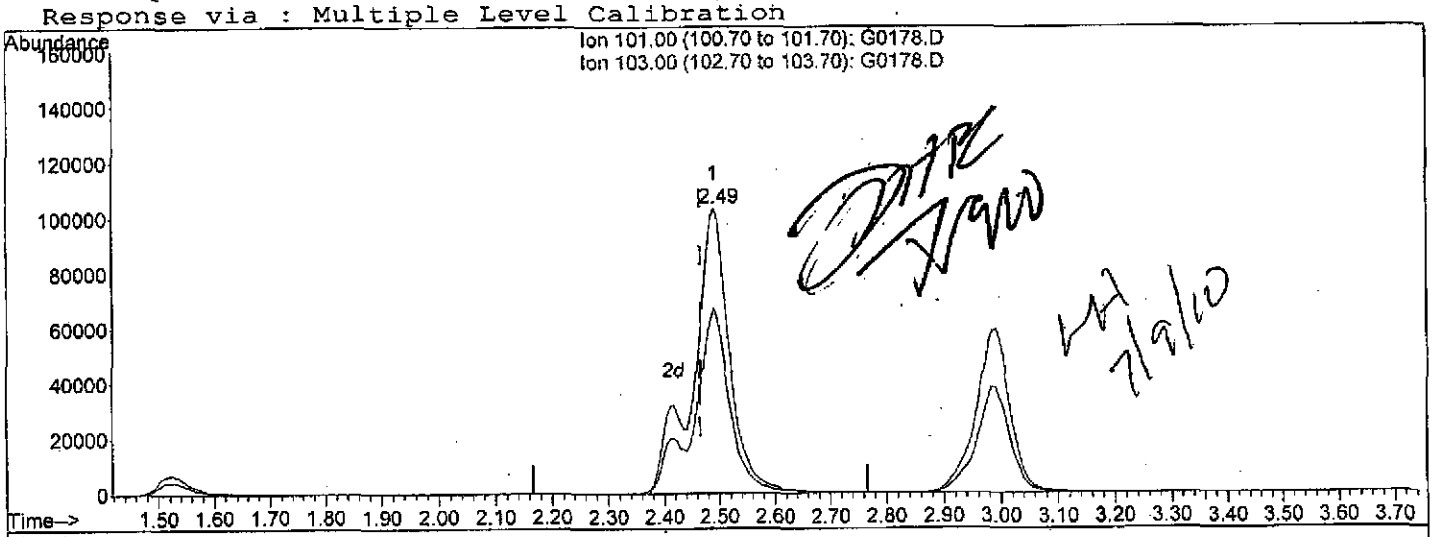
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.01
0.00	0.00	0.00
0.00	0.00	0.00

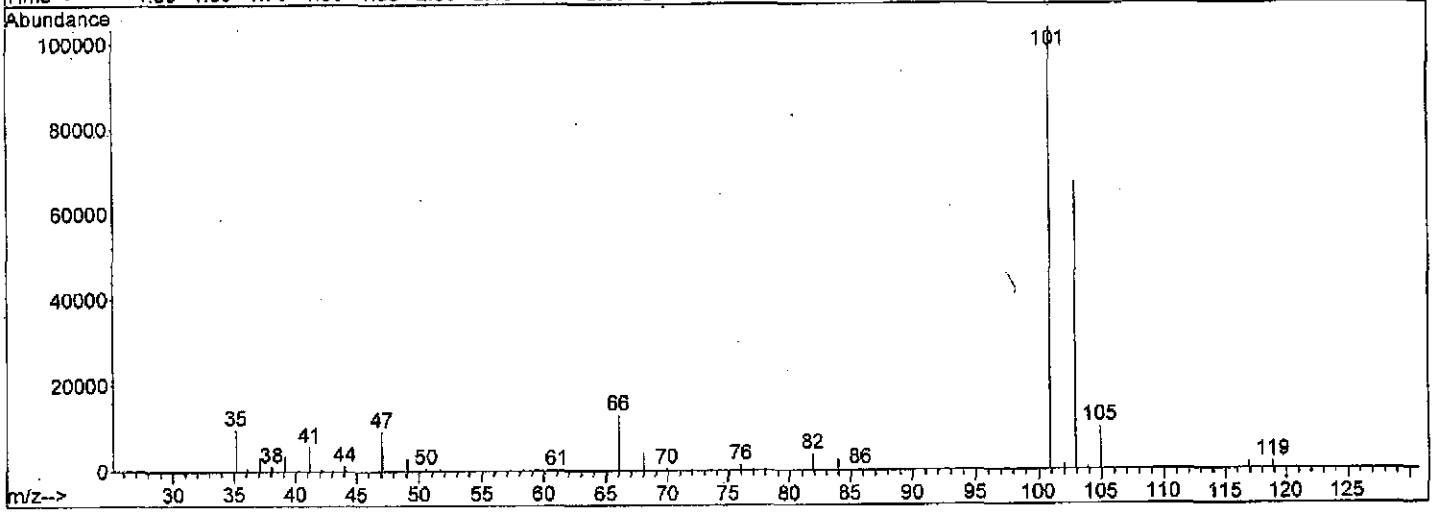
Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\070710\G0178.D
Acq On : 9 Jul 2010 13:33
Sample : T003005-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 18:04:37 2010

Vial: 8
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Multiple Level Calibration





TIC: G0178.D

(7) C275 Trichlorofluoromethane (T)

2.49min (+0.024) 104.55ug/L m

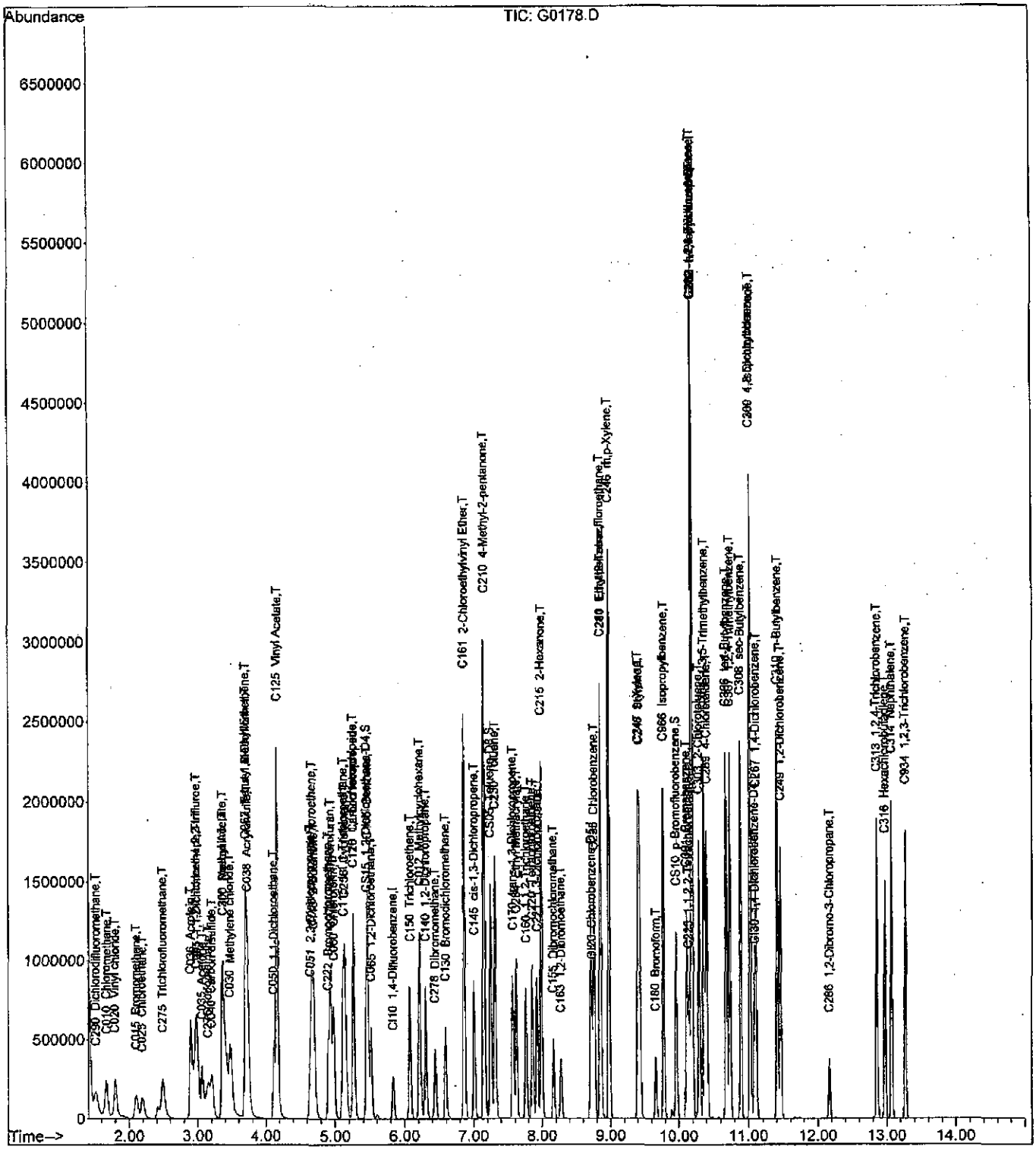
response 476401

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\070710\G0178.D Vial: 8
Acq On : 9 Jul 2010 13:33 Operator: DHC
Sample : T003005-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 09 18:07:46 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:03:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10F094

Instrument: HP5975T

Calibration Date: 06/22/10 13:25

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1-Trichloroethane	1	0.6113346	5	0.6670384	10	0.6439186	25	0.6372589	50	0.6235152	100	0.6305966
1,1,2,2-Tetrachloroethane	1	1.357579	5	1.450968	10	1.476426	25	1.490891	50	1.431679	100	1.403575
1,1,2-Trichloroethane	1	0.4781447	5	0.41685	10	0.431046	25	0.4424633	50	0.4178257	100	0.418967
1,1,2-Trichlorotrifluoroethane	1	0.2327798	5	0.2901306	10	0.2822674	25	0.2458963	50	0.2565609	100	0.2420263
1,1-Dichloroethane	1	0.9224744	5	0.8758002	10	0.8720083	25	0.8903738	50	0.8521926	100	0.8430298
1,1-Dichloroethene	1	0.3807755	5	0.3937269	10	0.3844488	25	0.3710359	50	0.3635173	100	0.3457719
1,2,4-Trichlorobenzene	1	1.496743	5	1.5707	10	1.549503	25	1.46544	50	1.334338	100	1.416074
1,2-Dibromo-3-chloropropane	1	0.3411707	5	0.3399168	10	0.3239792	25	0.3373059	50	0.3303034	100	0.3350415
1,2-Dibromoethane (EDB)	1	0.5396553	5	0.5213091	10	0.5219814	25	0.5228143	50	0.5092252	100	0.5154504
1,2-Dichlorobenzene	1	2.020066	5	2.035811	10	1.95556	25	1.94127	50	1.877087	100	1.887799
1,2-Dichloroethane	1	0.8403075	5	0.7556132	10	0.755143	25	0.750039	50	0.7185494	100	0.728358
1,2-Dichloroethane-d4	1	0.529009	5	0.5463639	10	0.6207896	25	0.4814763	50	0.4814972	100	0.5381503
1,2-Dichloroethene, Total	2	0.482572	10	0.4673793	20	0.4709199	50	0.4691776	100	0.4473107	200	0.4425348
1,2-Dichloropropane	1	0.5135433	5	0.4756747	10	0.4806499	25	0.4828114	50	0.4782372	100	0.4881745
1,3-Dichlorobenzene	1	2.089466	5	1.991101	10	1.982673	25	1.986489	50	1.914538	100	1.923796
1,4-Dichlorobenzene	1	2.136097	5	2.060083	10	2.015875	25	2.07115	50	1.985396	100	1.978008
2-Butanone (MEK)	5	0.4251266	25	0.3660941	50	0.3473438	125	0.358161	250	0.3210094	500	0.3429173
2-Hexanone	5	0.6794237	25	0.6133515	50	0.5776612	125	0.598408	250	0.5545691	500	0.5614373
4-Bromofluorobenzene	1	0.4915971	5	0.4591875	10	0.5166045	25	0.400614	50	0.4088644	100	0.4568242
4-Methyl-2-pentanone (MIBK)	5	0.9479841	25	0.8441441	50	0.8049377	125	0.8465037	250	0.7738644	500	0.7832379
Acetone	5	0.3103308	25	0.2568579	50	0.257422	125	0.2370362	250	0.2059001	500	0.2208601
Benzene	1	1.911253	5	1.881903	10	1.798946	25	1.818843	50	1.739085	100	1.730149
Bromodichloromethane	1	0.5958688	5	0.5894021	10	0.5929087	25	0.6092051	50	0.5943474	100	0.6005027
Bromoform	1	0.5207726	5	0.6024598	10	0.6121288	25	0.6777914	50	0.6815543	100	0.6938448
Bromomethane	1	0.5342436	5	0.3233576	10	0.2713252	25	0.2768544	50	0.2751696	100	0.2654887
Carbon disulfide	1	1.238849	5	1.361347	10	1.276774	25	1.301121	50	1.245031	100	1.219056
Carbon Tetrachloride	1	0.5348781	5	0.5444139	10	0.5513622	25	0.5577143	50	0.5575354	100	0.5768817
Chlorobenzene	1	1.400706	5	1.367301	10	1.339161	25	1.345524	50	1.302906	100	1.309325
Chlorodibromomethane	1	0.5037823	5	0.4676854	10	0.4994023	25	0.5088345	50	0.5090309	100	0.5278008
Chloroethane	1	0.3047949	5	0.3170047	10	0.3645119	25	0.3205339	50	0.3027672	100	0.2936999
Chloroform	1	0.9258055	5	0.8414611	10	0.8484267	25	0.8211797	50	0.7996221	100	0.7953314
Chloromethane	1	0.6371109	5	0.6089788	10	0.5834373	25	0.561308	50	0.5265023	100	0.5120293
cis-1,2-Dichloroethene	1	0.4919705	5	0.4793615	10	0.4904365	25	0.4818506	50	0.4660064	100	0.4615866
cis-1,3-Dichloropropene	1	0.6464697	5	0.676164	10	0.6972236	25	0.7200292	50	0.7078117	100	0.7287835
Cyclohexane	1	0.6478973	5	0.6812981	10	0.6977892	25	0.6705536	50	0.682745	100	0.6732017
Dichlorodifluoromethane	1	0.3902136	5	0.4568445	10	0.4677681	25	0.4376283	50	0.4486382	100	0.4414927
Ethylbenzene	1	2.413339	5	2.477143	10	2.340708	25	2.397807	50	2.279229	100	2.329475
Isopropylbenzene	1	4.495694	5	4.487502	10	4.347409	25	4.491793	50	4.427737	100	4.34934
Methyl Acetate	1	1.123688	5	0.9332048	10	0.91109	25	0.8976516	50	0.9797984	100	0.8342013
Methyl tert-Butyl Ether	1	1.280725	5	1.301231	10	1.287999	25	1.295768	50	1.069999	100	1.183737
Methylcyclohexane	1	0.6334626	5	0.7163533	10	0.7323777	25	0.7091795	50	0.7363608	100	0.7355459
Methylene Chloride	1	0.6196623	5	0.4886242	10	0.4899597	25	0.4802347	50	0.4465793	100	0.4437656
Styrene	1	1.384036	5	1.450876	10	1.432534	25	1.45099	50	1.409488	100	1.444767
Tetrachloroethene	1	0.5059269	5	0.5292	10	0.5099595	25	0.5081402	50	0.4940834	100	0.5009043

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10F094

Instrument: HP5975T

Calibration Date: 06/22/10 13:25

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Toluene	1	1.401486	5	1.31491	10	1.270068	25	1.252766	50	1.221127	100	1.220486
Toluene-d8	1	1.578219	5	1.664043	10	1.87112	25	1.520634	50	1.555973	100	1.670083
trans-1,2-Dichloroethene	1	0.4731736	5	0.4553972	10	0.4514033	25	0.4565045	50	0.4286151	100	0.4234829
trans-1,3-Dichloropropene	1	0.7779966	5	0.7793745	10	0.7792367	25	0.8193698	50	0.8001483	100	0.827118
Trichloroethene	1	0.4589768	5	0.4837491	10	0.4694975	25	0.4770871	50	0.4614272	100	0.4685369
Trichlorofluoromethane	1	0.5455852	5	0.5822875	10	0.5550473	25	0.5359213	50	0.519238	100	0.5081496
Vinyl acetate	5	1.073801	25	1.020905	50	1.027065	125	1.076637	250	0.8992491	500	1.049139
Vinyl chloride	1	0.453425	5	0.5372688	10	0.4951156	25	0.5182055	50	0.5084882	100	0.4975181
Xylenes, total	3	0.8951688	15	0.914828	30	0.8713877	75	0.8888297	150	0.8519607	300	0.8696965

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: ARCADIS U.S., Inc. - Albany, NY

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R10F094

Instrument: HP5975T

Calibration Date: 06/22/10 13:25

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
1,1,1-Trichloroethane	0.6356104	3.001822	4.41	1.724867E-02			15	
1,1,2,2-Tetrachloroethane	1.435186	3.425867	8.326667	6.474246E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.4342161	5.460138	6.51	1.752687E-02			15	
1,1,2-Trichlorotrifluoroethane	0.2582769	8.931405	2.488333	0.1636262			15	
1,1-Dichloroethane	0.8759799	3.243472	3.58	1.062383E-02			SPCC (0.1)	
1,1-Dichloroethene	0.3732127	4.572389	2.5	0			CCC (30)	
1,2,4-Trichlorobenzene	1.472133	5.959335	10.75833	3.586919E-02			15	
1,2-Dibromo-3-chloropropane	0.3346196	1.937754	10.11	2.032714E-02			15	
1,2-Dibromoethane (EDB)	0.5217393	1.951903	6.906667	7.274468E-02			15	
1,2-Dichlorobenzene	1.952932	3.358756	9.44	1.631853E-02			15	
1,2-Dichloroethane	0.7580017	5.685625	4.76	8.336674E-03			15	
1,2-Dichloroethane-d4	0.532881	9.654955	4.7	4.552213E-03			15	
1,2-Dichloroethene, Total	0.4633157	3.298124	4.06	2.452584E-02			15	
1,2-Dichloropropane	0.4865152	2.859118	5.381667	7.514701E-02			CCC (30)	
1,3-Dichlorobenzene	1.981344	3.159042	9.05	8.686382E-03			15	
1,4-Dichlorobenzene	2.041102	2.940232	9.13	1.191692E-02			CCC (20)	
2-Butanone (MEK)	0.3601087	9.821251	4.118333	0.1831035			15	
2-Hexanone	0.5974751	7.670178	6.695	7.937208E-02			15	
4-Bromofluorobenzene	0.4556153	9.932383	8.17	4.655241E-03			15	
4-Methyl-2-pentanone (MIBK)	0.8334453	7.642779	6.061667	6.564128E-02			15	
Acetone	0.2480679	14.73609	2.673333	0.3054292			15	
Benzene	1.813363	4.049355	4.701667	8.731886E-02			15	
Bromodichloromethane	0.5970391	1.170177	5.608333	0.0720656			15	
Bromoform	0.6314253	10.50861	7.94	1.434498E-02			SPCC (0.1)	
Bromomethane	0.3244065	32.33217	1.715	0.3191886		0.9992448	0.99	
Carbon disulfide	1.273696	4.074427	2.681667	0.1515343			15	
Carbon Tetrachloride	0.5537976	2.571592	4.516667	0.112081			15	
Chlorobenzene	1.344154	2.718281	7.258334	5.646773E-02			SPCC (0.3)	
Chlorodibromomethane	0.502756	3.923832	6.81	1.233317E-02			15	
Chloroethane	0.3172188	7.930036	1.788333	0.2283708			15	
Chloroform	0.8386378	5.694806	4.32	1.350901E-02			CCC (30)	
Chloromethane	0.5715611	8.397086	1.32	1.458778E-02			SPCC (0.1)	
cis-1,2-Dichloroethene	0.4785353	2.606809	4.06	2.452584E-02			15	
cis-1,3-Dichloropropene	0.6960803	4.376324	5.93	3.93586E-03			15	
Cyclohexane	0.6755808	2.454209	4.41	1.724867E-02			15	
Dichlorodifluoromethane	0.4404309	6.104952	1.16	1.710456E-02			15	
Ethylbenzene	2.37295	2.96903	7.32	1.664754E-02			CCC (30)	
Isopropylbenzene	4.433246	1.585693	8.02	2.477426E-02			15	
Methyl Acetate	0.9466057	10.45065	2.938333	0.1398542			15	
Methyl tert-Butyl Ether	1.236577	7.48348	3.216667	0.2540078			15	
Methylcyclohexane	0.7105466	5.539186	5.28	1.458778E-02			15	
Methylene Chloride	0.4948043	13.0332	3	0			15	
Styrene	1.428782	1.884642	7.76	1.881332E-02			15	
Tetrachloroethene	0.5080357	2.331635	6.56	1.298059E-02			15	
Toluene	1.280141	5.392376	6.16	1.234848E-02			CCC (30)	
Toluene-d8	1.643345	7.695155	6.11	2.349276E-02			15	
trans-1,2-Dichloroethene	0.4480961	4.174039	3.201667	0.1289488			15	
trans-1,3-Dichloropropene	0.7972073	2.7508	6.37	2.354501E-02			15	
Trichloroethene	0.4698791	1.988666	5.19	1.618284E-02			15	
Trichlorofluoromethane	0.5410381	4.891251	2.005	0.2735493			15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Calibration:	R10F094	Instrument:	HP5975T
		Calibration Date:	06/22/10 13:25

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	COD	LIMIT	Q
Vinyl acetate	1.024466	6.395342	3.64	1.788648E-02			15	
Vinyl chloride	0.5016702	5.620354	1.405	0.8716455			CCC (30)	
Xylenes, total	0.8819786	2.516999	7.736667	6.631196E-02			15	

Response Factor Report 5975 T

Method Path : C:\MSDCHEM\1\METHODS\METHODS 2009\
Method File : R10F094-6PT.M
Title : 8260 5ML
Last Update : Tue Jun 22 16:32:11 2010
Response Via : Initial Calibration

8260
(R10F094)

Calibration Files
1 =T0179.D 2 =T0180.D 3 =T0181.D
4 =T0182.D 5 =T0183.D 6 =T0184.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.390	0.457	0.468	0.438	0.449	0.441	0.440	6.10
3)	T	C010	Chloromethane	0.637	0.609	0.583	0.561	0.527	0.512	0.572	8.40
4)	T	C020	Vinyl chlorid	0.453	0.537	0.495	0.518	0.508	0.498	0.502	5.62
5)	T	C015	Bromomethane	0.534	0.323	0.271	0.277	0.275	0.265	-----	
									LO M=	0.268	R^2=1.000
6)	T	C025	Chloroethane	0.305	0.317	0.365	0.321	0.303	0.294	0.317	7.93
7)	T	C275	Trichlorofluo	0.546	0.582	0.555	0.536	0.519	0.508	0.541	4.89
8)	T	C045	1,1-Dichloroe	0.381	0.394	0.384	0.371	0.364	0.346	0.373	4.57
9)	T	C030	Methylene chl	0.620	0.489	0.490	0.480	0.447	0.444	0.495	13.03
10)	T	C040	Carbon disulf	1.239	1.361	1.277	1.301	1.245	1.219	1.274	4.07
11)	T	C036	Acrolein	0.059	0.052	0.048	0.056	0.061	0.069	0.057	12.86
12)	T	C038	Acrylonitrile	0.301	0.273	0.270	0.270	0.253	0.255	0.271	6.39
13)	T	C035	Acetone	0.310	0.257	0.257	0.237	0.206	0.221	0.248	14.74
14)	T	C300	Acetonitrile	0.114	0.100	0.098	0.080	0.072	0.077	-----	
									LO M=	0.077	R^2=0.998
15)	T	C276	Iodomethane	0.477	0.446	0.449	0.468	0.442	0.430	0.452	3.82
16)	T	C291	1,1,2 Trichlo	0.233	0.290	0.282	0.246	0.257	0.242	0.258	8.93
17)	T	C962	T-butyl Methy	1.281	1.301	1.288	1.296	1.070	1.184	1.237	7.48
18)	T	C057	trans-1,2-Dic	0.473	0.455	0.451	0.457	0.429	0.423	0.448	4.17
19)	T	C255	Methyl Acetat	1.124	0.933	0.911	0.898	0.980	0.834	0.947	10.45
20)	T	C050	1,1-Dichloroe	0.922	0.876	0.872	0.890	0.852	0.843	0.876	3.24
21)	T	C125	Vinyl Acetate	1.074	1.021	1.027	1.077	0.899	1.049	1.024	6.40
22)	T	C051	2,2-Dichlorop	0.653	0.583	0.559	0.543	0.506	0.500	0.557	10.16
23)	T	C056	cis-1,2-Dichl	0.492	0.479	0.490	0.482	0.466	0.462	0.479	2.61
24)	T	C272	Tetrahydrofur	0.253	0.225	0.213	0.215	0.177	0.209	0.215	11.40
25)	T	C222	Bromochlorome	0.223	0.229	0.246	0.236	0.228	0.229	0.232	3.50
26)	T	C060	Chloroform	0.926	0.841	0.848	0.821	0.800	0.795	0.839	5.69
27)	T	C115	1,1,1-Trichlo	0.611	0.667	0.644	0.637	0.624	0.631	0.636	3.00
28)	T	C120	Carbon tetrac	0.535	0.544	0.551	0.558	0.558	0.577	0.554	2.57
29)	T	C116	1,1-Dichlorop	0.640	0.641	0.637	0.634	0.630	0.629	0.635	0.80
30)	S	CS15	1,2-Dichloroe	0.529	0.546	0.621	0.481	0.481	0.538	0.533	9.65
31)	T	C165	Benzene	1.911	1.882	1.799	1.819	1.739	1.730	1.813	4.05
32)	T	C065	1,2-Dichloroe	0.840	0.756	0.755	0.750	0.719	0.728	0.758	5.69
33)	T	C110	2-Butanone	0.425	0.366	0.347	0.358	0.321	0.343	0.360	9.82
34)	T	C256	Cyclohexane	0.648	0.681	0.698	0.671	0.683	0.673	0.676	2.45
35)	T	C150	Trichloroethe	0.459	0.484	0.469	0.477	0.461	0.469	0.470	1.99
36)	T	C140	1,2-Dichlorop	0.514	0.476	0.481	0.483	0.478	0.488	0.487	2.86
37)	T	C278	Dibromomethan	0.322	0.300	0.308	0.317	0.307	0.311	0.311	2.45
38)	T	C130	Bromodichloro	0.596	0.589	0.593	0.609	0.594	0.601	0.597	1.17
39)	T	C161	2-Chloroethyl	0.364	0.342	0.333	0.353	0.319	0.350	0.344	4.68
40)	T	C012	Methylcycolhe	0.633	0.716	0.732	0.709	0.736	0.736	0.711	5.54
41)	T	C145	cis-1,3-Dichl	0.646	0.676	0.697	0.720	0.708	0.729	0.696	4.38
42)	I	CI20	Chlorobenzene-D	ISTD							
43)	S	CS05	Toluene-D8	1.578	1.664	1.871	1.521	1.556	1.670	1.643	7.70
44)	T	C230	Toluene	1.401	1.315	1.270	1.253	1.221	1.220	1.280	5.39
45)	T	C170	trans-1,3-Dic	0.778	0.779	0.779	0.819	0.800	0.827	0.797	2.75
46)	T	C284	Ethyl Methacr	0.810	0.747	0.759	0.771	0.736	0.755	0.763	3.38
47)	T	C160	1,1,2-Trichlo	0.478	0.417	0.431	0.442	0.418	0.419	0.434	5.46
48)	T	C210	4-Methyl-2-pe	0.948	0.844	0.805	0.847	0.774	0.783	0.833	7.64
49)	T	C220	Tetrachloroet	0.506	0.529	0.510	0.508	0.494	0.501	0.508	2.33
50)	T	C221	1,3-Dichlorop	0.892	0.864	0.848	0.848	0.824	0.833	0.852	2.83
51)	T	C155	Dibromochloro	0.504	0.468	0.499	0.509	0.509	0.528	0.503	3.92
52)	T	C163	1,2-Dibromoet	0.540	0.521	0.522	0.523	0.509	0.515	0.522	1.95
53)	T	C215	2-Hexanone	0.679	0.613	0.578	0.598	0.555	0.561	0.597	7.67

Method Path : C:\MSDCHEM\1\METHODS\METHODS 2009\
Method File : R10F094-6PT.M
Title : 8260 5ML
Last Update : Tue Jun 22 16:32:11 2010
Response Via : Initial Calibration

Calibration Files
1 =T0179.D 2 =T0180.D 3 =T0181.D
4 =T0182.D 5 =T0183.D 6 =T0184.D

54)	T	C235	Chlorobenzene	1.401	1.367	1.339	1.346	1.303	1.309	1.344	2.72
55)	T	C281	1,1,1,2-Tetra	0.494	0.486	0.463	0.468	0.451	0.460	0.470	3.51
56)	T	C240	Ethylbenzene	2.413	2.477	2.341	2.398	2.279	2.329	2.373	2.97
57)	T	C246	m,p-Xylene	0.922	0.927	0.873	0.891	0.855	0.876	0.891	3.21
58)	T	C247	o-Xylene	0.841	0.890	0.868	0.884	0.845	0.857	0.864	2.35
59)	T	C245	Styrene	1.384	1.451	1.433	1.451	1.409	1.445	1.429	1.88
60)	S	CS10	p-Bromofluoro	0.492	0.459	0.517	0.401	0.409	0.457	0.456	9.93
61)	I	CI30	1,4-Dichloroben	----------	ISTD	----------					
62)	T	C180	Bromoform	0.521	0.602	0.612	0.678	0.682	0.694	0.631	10.51
63)	T	C966	Isopropylbenz	4.496	4.488	4.347	4.492	4.428	4.349	4.433	1.59
64)	T	C301	Bromobenzene	1.102	1.005	1.021	1.035	1.019	1.004	1.031	3.55
65)	T	C225	1,1,2,2-Tetra	1.358	1.451	1.476	1.491	1.432	1.404	1.435	3.43
66)	T	C282	1,2,3-Trichlo	0.384	0.403	0.405	0.390	0.377	0.372	0.388	3.51
67)	T	C283	t-1,4-Dichlor	0.321	0.312	0.321	0.394	0.408	0.424	0.364	13.96
68)	T	C302	n-Propylbenze	5.351	5.700	5.412	5.645	5.582	5.566	5.543	2.44
69)	T	C303	2-Chlorotolue	1.128	1.031	0.998	1.024	1.028	0.998	1.035	4.64
70)	T	C289	4-Chlorotolue	0.972	1.052	1.041	1.043	1.027	1.016	1.025	2.83
71)	T	C304	1,3,5-Trimeth	3.809	3.888	3.692	3.768	3.710	3.707	3.762	2.01
72)	T	C306	tert-Butylben	0.577	0.730	0.706	0.721	0.713	0.725	0.695	8.40
73)	T	C307	1,2,4-Trimeth	3.970	3.923	3.739	3.907	3.692	3.736	3.828	3.09
74)	T	C308	sec-Butylbenz	4.647	4.772	4.590	4.661	4.559	4.649	4.646	1.57
75)	T	C260	1,3-Dichlorob	2.089	1.991	1.983	1.986	1.915	1.924	1.981	3.16
76)	T	C309	4-Isopropylto	3.551	3.794	3.692	3.736	3.696	3.741	3.702	2.24
77)	T	C267	1,4-Dichlorob	2.136	2.060	2.016	2.071	1.985	1.978	2.041	2.94
78)	T	C249	1,2-Dichlorob	2.020	2.036	1.956	1.941	1.877	1.888	1.953	3.36
79)	T	C310	n-Butylbenzen	3.708	3.957	3.752	3.837	3.654	3.826	3.789	2.85
80)	T	C286	1,2-Dibromo-3	0.341	0.340	0.324	0.337	0.330	0.335	0.335	1.94
81)	T	C313	1,2,4-Trichlo	1.497	1.571	1.550	1.465	1.334	1.416	1.472	5.96
82)	T	C316	Hexachlorobut	0.760	0.767	0.688	0.700	0.619	0.698	0.706	7.67
83)	T	C314	Naphthalene	4.409	4.555	4.640	4.574	4.403	4.453	4.506	2.17
84)	T	C934	1,2,3-Trichlo	1.507	1.515	1.528	1.458	1.325	1.396	1.455	5.49

Total Average %RSD 5.12

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R10F094-6PT.M Tue Jun 22 16:32:32 2010 CHEMSTAT2

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0179.D
Acq On : 22 Jun 2010 13:25
Sample : T002686-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:26:48 2010

Vial: 7
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.01	114	315212	25.00	ug/L		0.00 98.33%
42)	CI20	Chlorobenzene-D5	7.23	117	256460	25.00	ug/L		0.00 96.25%
61)	CI30	1,4-Dichlorobenzene-	9.10	152	137248	25.00	ug/L		0.00 99.86%
	System Monitoring Compounds								
30)	CS15	1,2-Dichloroethane-D	4.70	65	6670	0.99	ug/L		0.00
	Spiked Amount	25.000	Range	66 - 137	Recovery	=	3.96%#		
43)	CS05	Toluene-D8	6.11	98	16190	0.96	ug/L		0.00
	Spiked Amount	25.000	Range	71 - 126	Recovery	=	3.84%#		
60)	CS10	p-Bromofluorobenzene	8.17	174	5043	1.08	ug/L		0.00
	Spiked Amount	25.000	Range	73 - 120	Recovery	=	4.32%#		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.16	85	4920	0.89	ug/L		95
3)	C010	Chloromethane	1.32	50	8033	1.11	ug/L		98
4)	C020	Vinyl chloride	1.39	62	5717	0.90	ug/L		99
5)	C015	Bromomethane	1.71	94	6736	1.65	ug/L	#	69
6)	C025	Chloroethane	1.79	64	3843	0.96	ug/L	#	54
7)	C275	Trichlorofluorometha	2.00	101	6879	1.01	ug/L		97
8)	C045	1,1-Dichloroethene	2.50	96	4801	1.02	ug/L	#	84
9)	C030	Methylene chloride	3.00	84	7813	1.25	ug/L	#	69
10)	C040	Carbon disulfide	2.68	76	15620	0.97	ug/L		99
11)	C036	Acrolein	2.50	56	14926	20.68	ug/L		98
12)	C038	Acrylonitrile	3.29	53	19005	5.58	ug/L		96
13)	C035	Acetone	2.68	43	19564	6.30	ug/L	#	84
14)	C300	Acetonitrile	2.96	41	57689	49.97	ug/L		100
15)	C276	Iodomethane	2.66	142	6009	1.06	ug/L	#	81
16)	C291	1,1,2 Trichloro-1,2,	2.48	101	2935	0.90	ug/L		94
17)	C962	T-butyl Methyl Ether	3.23	73	16148	1.04	ug/L		93
18)	C057	trans-1,2-Dichloroet	3.20	96	5966	1.06	ug/L	#	88
19)	C255	Methyl Acetate	2.94	43	14168	1.19	ug/L		95
20)	C050	1,1-Dichloroethane	3.58	63	11631	1.05	ug/L		99
21)	C125	Vinyl Acetate	3.64	43	67695	5.24	ug/L	#	91
22)	C051	2,2-Dichloropropane	4.03	77	8233	1.17	ug/L		86
23)	C056	cis-1,2-Dichloroethe	4.06	96	6203	1.03	ug/L	#	74
24)	C272	Tetrahydrofuran	4.32	42	15941	5.87	ug/L	#	82
25)	C222	Bromochloromethane	4.25	128	2808	0.96	ug/L	#	73
26)	C060	Chloroform	4.32	83	11673	1.10	ug/L		95
27)	C115	1,1,1-Trichloroethan	4.41	97	7708	0.96	ug/L		96
28)	C120	Carbon tetrachloride	4.52	117	6744	0.97	ug/L		93
29)	C116	1,1-Dichloropropene	4.53	75	8068	1.01	ug/L		95
31)	C165	Benzene	4.70	78	24098	1.05	ug/L		93
32)	C065	1,2-Dichloroethane	4.76	62	10595	1.11	ug/L		93
33)	C110	2-Butanone	4.13	43	26801	5.90	ug/L	#	85
34)	C256	Cyclohexane	4.41	56	8169	0.96	ug/L		89
35)	C150	Trichloroethene	5.19	95	5787	0.98	ug/L		90
36)	C140	1,2-Dichloropropane	5.39	63	6475	1.06	ug/L		92
37)	C278	Dibromomethane	5.49	93	4061	1.04	ug/L	#	78
38)	C130	Bromodichloromethane	5.60	83	7513	1.00	ug/L		93
39)	C161	2-Chloroethylvinyl E	5.83	63	22977	5.30	ug/L		88

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0179.D Vial: 7
Acq On : 22 Jun 2010 13:25 Operator: LH
Sample : T002686-CAL1 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:26:48 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

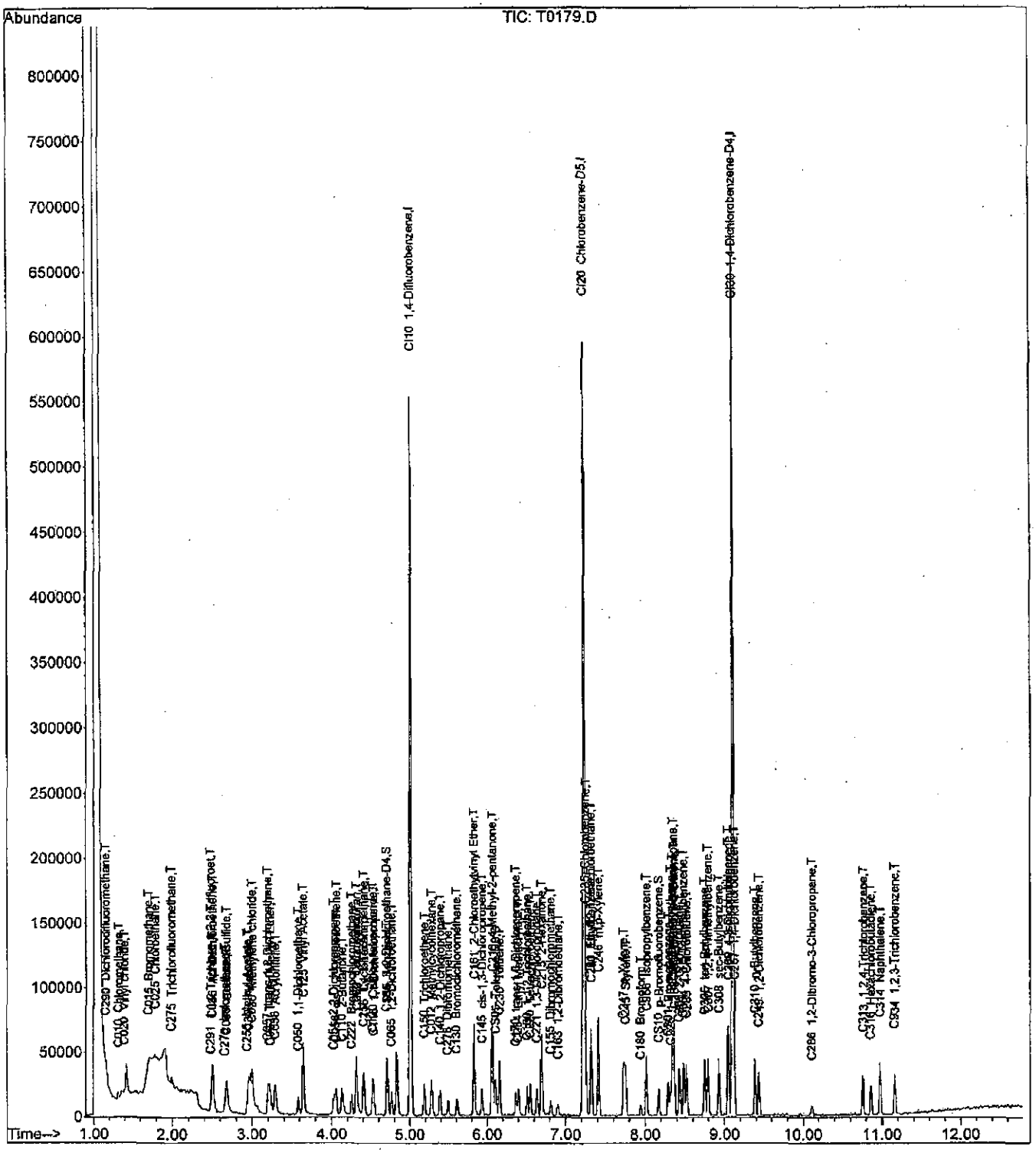
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	7987	0.89 ug/L	88
41) C145	cis-1,3-Dichloroprop	5.93	75	8151	0.93 ug/L	80
44) C230	Toluene	6.16	92	14377	1.09 ug/L	94
45) C170	trans-1,3-Dichloropr	6.37	75	7981	0.98 ug/L	100
46) C284	Ethyl Methacrylate	6.40	69	8309	1.06 ug/L #	74
47) C160	1,1,2-Trichloroethan	6.51	83	4905	1.10 ug/L	96
48) C210	4-Methyl-2-pentanone	6.07	43	48624	5.69 ug/L	97
49) C220	Tetrachloroethene	6.56	166	5190	1.00 ug/L	96
50) C221	1,3-Dichloropropane	6.64	76	9148	1.05 ug/L	99
51) C155	Dibromochloromethane	6.81	129	5168	1.00 ug/L	88
52) C163	1,2-Dibromoethane	6.91	107	5536	1.03 ug/L	93
53) C215	2-Hexanone	6.70	43	34849	5.69 ug/L #	84
54) C235	Chlorobenzene	7.25	112	14369	1.04 ug/L	94
55) C281	1,1,1,2-Tetrachloroe	7.32	131	5068	1.05 ug/L	88
56) C240	Ethylbenzene	7.32	91	24757	1.02 ug/L	97
57) C246	m,p-Xylene	7.42	106	18921	2.07 ug/L	96
58) C247	o-Xylene	7.73	106	8628	0.97 ug/L #	71
59) C245	Styrene	7.76	104	14198	0.97 ug/L	97
62) C180	Bromoform	7.94	173	2859	0.82 ug/L	96
63) C966	Isopropylbenzene	8.02	105	24681	1.01 ug/L	98
64) C301	Bromobenzene	8.30	156	6049	1.07 ug/L	91
65) C225	1,1,2,2-Tetrachloroe	8.33	83	7453	0.95 ug/L	88
66) C282	1,2,3-Trichloropropa	8.36	110	2106	0.99 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.37	53	8798	4.41 ug/L	91
68) C302	n-Propylbenzene	8.35	91	29379	0.97 ug/L	95
69) C303	2-Chlorotoluene	8.43	126	6191	1.09 ug/L	100
70) C289	4-Chlorotoluene	8.52	126	5334	0.95 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.48	105	20909	1.01 ug/L	94
72) C306	tert-Butylbenzene	8.75	134	3170	0.83 ug/L	100
73) C307	1,2,4-Trimethylbenze	8.79	105	21793	1.04 ug/L	93
74) C308	sec-Butylbenzene	8.93	105	25514	1.00 ug/L	97
75) C260	1,3-Dichlorobenzene	9.05	146	11471	1.05 ug/L	99
76) C309	4-Isopropyltoluene	9.05	119	19492	0.96 ug/L	95
77) C267	1,4-Dichlorobenzene	9.13	146	11727	1.05 ug/L	95
78) C249	1,2-Dichlorobenzene	9.44	146	11090	1.03 ug/L	89
79) C310	n-Butylbenzene	9.38	91	20356	0.98 ug/L	99
80) C286	1,2-Dibromo-3-Chloro	10.11	75	1873	1.02 ug/L #	64
81) C313	1,2,4-Trichlorobenze	10.76	180	8217	1.02 ug/L	99
82) C316	Hexachlorobutadiene	10.86	225	4175	1.08 ug/L	83
83) C314	Naphthalene	10.97	128	24207	0.98 ug/L	100
84) C934	1,2,3-Trichlorobenze	11.16	180	8272	1.04 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0179.D Vial: 7
Acq On : 22 Jun 2010 13:25 Operator: LH
Sample : T002686-CAL1 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jun 22 16:26:48 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0180.D Vial: 8
Acq On : 22 Jun 2010 13:49 Operator: LH
Sample : T002686-CAL2 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:27:16 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	328197	25.00	ug/L		0.00 102.38%
42) CI20	Chlorobenzene-D5	7.23	117	263596	25.00	ug/L		0.00 98.93%
61) CI30	1,4-Dichlorobenzene-	9.10	152	138225	25.00	ug/L		0.00 100.57%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	35863	5.13	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	20.52%#		
43) CS05	Toluene-D8	6.11	98	87727	5.06	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	20.24%#		
60) CS10	p-Bromofluorobenzene	8.17	174	24208	5.04	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	20.16%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	29987	5.19	ug/L		96
3) C010	Chloromethane	1.32	50	39973	5.33	ug/L		97
4) C020	Vinyl chloride	1.40	62	35266	5.35	ug/L		99
5) C015	Bromomethane	1.71	94	21225	4.98	ug/L		91
6) C025	Chloroethane	1.79	64	20808	5.00	ug/L		96
7) C275	Trichlorofluorometha	2.00	101	38221	5.38	ug/L		99
8) C045	1,1-Dichloroethene	2.50	96	25844	5.27	ug/L	#	87
9) C030	Methylene chloride	3.00	84	32073	4.94	ug/L	#	76
10) C040	Carbon disulfide	2.68	76	89358	5.34	ug/L		100
11) C036	Acrolein	2.50	56	68075	90.60	ug/L		98
12) C038	Acrylonitrile	3.29	53	89667	25.27	ug/L		98
13) C035	Acetone	2.68	43	84300	26.06	ug/L	#	89
14) C300	Acetonitrile	2.96	41	262938	218.75	ug/L		99
15) C276	Iodomethane	2.66	142	29276	4.94	ug/L		98
16) C291	1,1,2 Trichloro-1,2,	2.49	101	19044	5.62	ug/L		97
17) C962	T-butyl Methyl Ether	3.22	73	85412	5.26	ug/L		92
18) C057	trans-1,2-Dichloroet	3.20	96	29892	5.08	ug/L	#	88
19) C255	Methyl Acetate	2.94	43	61255	4.94	ug/L	#	90
20) C050	1,1-Dichloroethane	3.58	63	57487	5.00	ug/L		97
21) C125	Vinyl Acetate	3.64	43	335058	24.92	ug/L	#	93
22) C051	2,2-Dichloropropane	4.03	77	38251	5.23	ug/L		96
23) C056	cis-1,2-Dichloroethe	4.06	96	31465	5.01	ug/L		90
24) C272	Tetrahydrofuran	4.31	42	74002	26.18	ug/L	#	78
25) C222	Bromochloromethane	4.25	128	15060	4.95	ug/L	#	83
26) C060	Chloroform	4.32	83	55233	5.02	ug/L		99
27) C115	1,1,1-Trichloroethan	4.41	97	43784	5.25	ug/L		94
28) C120	Carbon tetrachloride	4.52	117	35735	4.92	ug/L		96
29) C116	1,1-Dichloropropene	4.53	75	42084	5.05	ug/L		97
31) C165	Benzene	4.70	78	123527	5.19	ug/L		98
32) C065	1,2-Dichloroethane	4.76	62	49598	4.98	ug/L		94
33) C110	2-Butanone	4.12	43	120151	25.42	ug/L	#	92
34) C256	Cyclohexane	4.41	56	44720	5.04	ug/L	#	81
35) C150	Trichloroethene	5.19	95	31753	5.15	ug/L		98
36) C140	1,2-Dichloropropane	5.38	63	31223	4.89	ug/L		95
37) C278	Dibromomethane	5.49	93	19708	4.83	ug/L		87
38) C130	Bromodichloromethane	5.61	83	38688	4.94	ug/L		100
39) C161	2-Chloroethylvinyl E	5.83	63	112239	24.89	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0180.D Vial: 8
Acq On : 22 Jun 2010 13:49 Operator: LH
Sample : T002686-CAL2 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:27:16 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

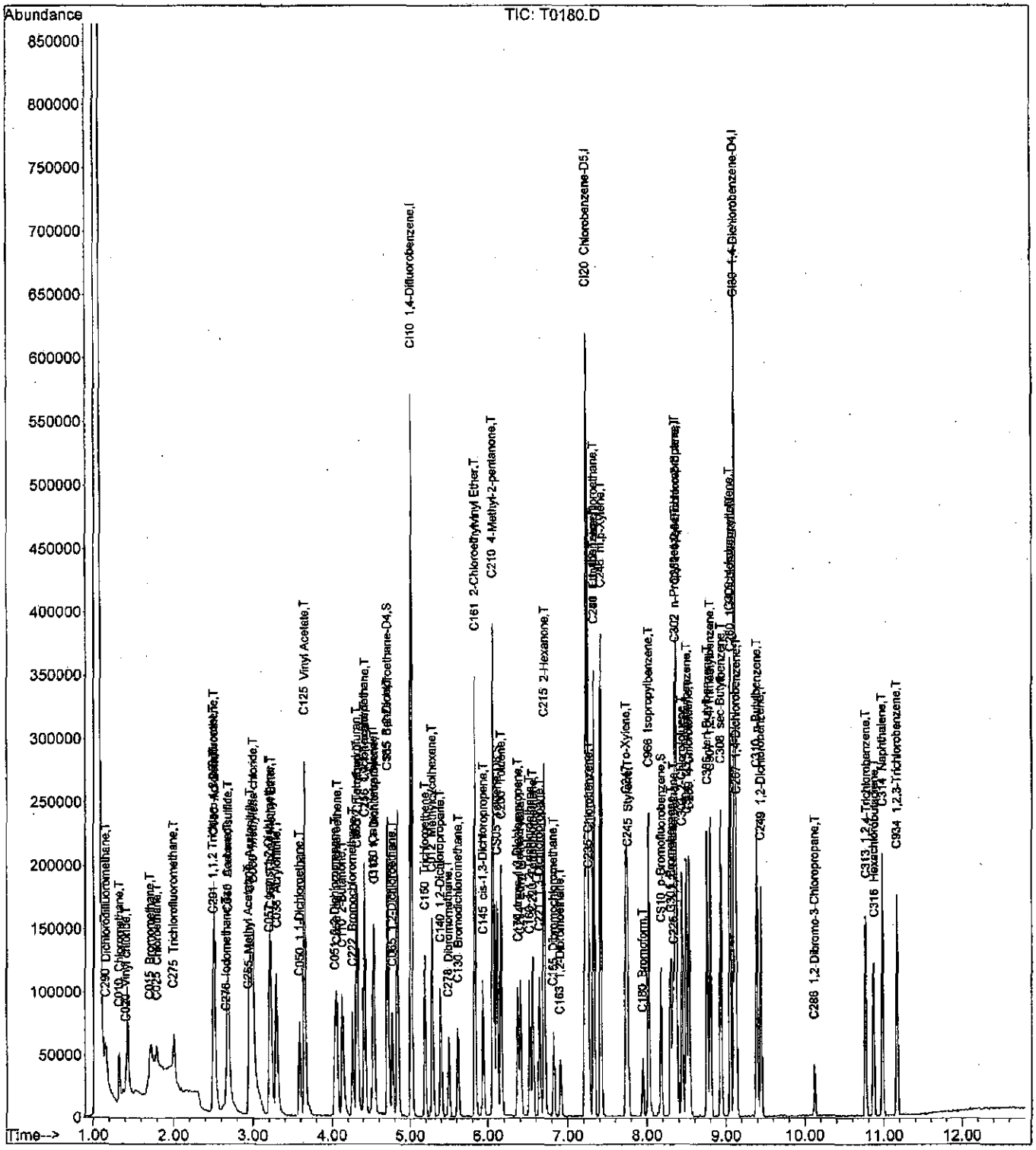
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	47021	5.04 ug/L	89
41) C145	cis-1,3-Dichloroprop	5.93	75	44383	4.86 ug/L	99
44) C230	Toluene	6.16	92	69321	5.14 ug/L	97
45) C170	trans-1,3-Dichloropr	6.37	75	41088	4.89 ug/L	95
46) C284	Ethyl Methacrylate	6.40	69	39380	4.89 ug/L #	70
47) C160	1,1,2-Trichloroethan	6.51	83	21976	4.80 ug/L	95
48) C210	4-Methyl-2-pentanone	6.06	43	222513	25.32 ug/L	91
49) C220	Tetrachloroethene	6.56	166	27899	5.21 ug/L	98
50) C221	1,3-Dichloropropane	6.64	76	45556	5.07 ug/L	96
51) C155	Dibromochloromethane	6.81	129	24656	4.65 ug/L	95
52) C163	1,2-Dibromoethane	6.90	107	27483	5.00 ug/L	96
53) C215	2-Hexanone	6.70	43	161677	25.67 ug/L	94
54) C235	Chlorobenzene	7.26	112	72083	5.09 ug/L	94
55) C281	1,1,1,2-Tetrachloroe	7.32	131	25615	5.17 ug/L	95
56) C240	Ethylbenzene	7.32	91	130593	5.22 ug/L	99
57) C246	m,p-Xylene	7.42	106	97742	10.41 ug/L	97
58) C247	o-Xylene	7.74	106	46945	5.15 ug/L	97
59) C245	Styrene	7.76	104	76489	5.08 ug/L	96
62) C180	Bromoform	7.94	173	16655	4.77 ug/L	95
63) C966	Isopropylbenzene	8.02	105	124057	5.06 ug/L	99
64) C301	Bromobenzene	8.30	156	27783	4.87 ug/L	97
65) C225	1,1,2,2-Tetrachloroe	8.33	83	40112	5.05 ug/L	99
66) C282	1,2,3-Trichloropropa	8.36	110	11135	5.19 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.36	53	43161	21.48 ug/L	88
68) C302	n-Propylbenzene	8.35	91	157590	5.14 ug/L	96
69) C303	2-Chlorotoluene	8.43	126	28514	4.99 ug/L	100
70) C289	4-Chlorotoluene	8.52	126	29069	5.13 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.49	105	107470	5.17 ug/L	96
72) C306	tert-Butylbenzene	8.75	134	20176	5.25 ug/L	100
73) C307	1,2,4-Trimethylbenze	8.79	105	108448	5.12 ug/L	95
74) C308	sec-Butylbenzene	8.93	105	131922	5.14 ug/L	97
75) C260	1,3-Dichlorobenzene	9.05	146	55044	5.02 ug/L	95
76) C309	4-Isopropyltoluene	9.04	119	104890	5.12 ug/L	96
77) C267	1,4-Dichlorobenzene	9.13	146	56951	5.05 ug/L	91
78) C249	1,2-Dichlorobenzene	9.44	146	56280	5.21 ug/L	94
79) C310	n-Butylbenzene	9.38	91	109401	5.22 ug/L	100
80) C286	1,2-Dibromo-3-Chloro	10.11	75	9397	5.08 ug/L	94
81) C313	1,2,4-Trichlorobenze	10.76	180	43422	5.33 ug/L	97
82) C316	Hexachlorobutadiene	10.87	225	21206	5.44 ug/L	100
83) C314	Naphthalene	10.97	128	125932	5.05 ug/L	100
84) C934	1,2,3-Trichlorobenze	11.16	180	41869	5.21 ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0180.D Vial: 8
Acq On : 22 Jun 2010 13:49 Operator: LH
Sample : T002686-CAL2 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jun 22 16:27:16 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0181.D Vial: 9
Acq On : 22 Jun 2010 14:13 Operator: LH
Sample : T002686-CAL3 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:27:39 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	309352	25.00	ug/L		0.00 96.50%
42) CI20	Chlorobenzene-D5	7.23	117	254329	25.00	ug/L		0.00 95.45%
61) CI30	1,4-Dichlorobenzene-	9.10	152	132223	25.00	ug/L		0.00 96.20%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	76817	11.65	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	46.60%#			
43) CS05	Toluene-D8	6.11	98	190352	11.39	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	45.56%#			
60) CS10	p-Bromofluorobenzene	8.17	174	52555	11.34	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	45.36%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	57882	10.64	ug/L		98
3) C010	Chloromethane	1.32	50	72195	10.21	ug/L		100
4) C020	Vinyl chloride	1.40	62	61266	9.86	ug/L		94
5) C015	Bromomethane	1.71	94	33574	8.36	ug/L		93
6) C025	Chloroethane	1.78	64	45105	11.50	ug/L		99
7) C275	Trichlorofluorometha	2.00	101	68682	10.26	ug/L		94
8) C045	1,1-Dichloroethene	2.50	96	47572	10.30	ug/L	#	83
9) C030	Methylene chloride	3.00	84	60628	9.90	ug/L	#	75
10) C040	Carbon disulfide	2.68	76	157989	10.02	ug/L		100
11) C036	Acrolein	2.50	56	117800	166.33	ug/L		99
12) C038	Acrylonitrile	3.28	53	167100	49.96	ug/L		96
13) C035	Acetone	2.68	43	159268	52.23	ug/L		95
14) C300	Acetonitrile	2.96	41	486822	429.67	ug/L		100
15) C276	Iodomethane	2.66	142	55521	9.93	ug/L		94
16) C291	1,1,2 Trichloro-1,2,	2.49	101	34928	10.93	ug/L		92
17) C962	T-butyl Methyl Ether	3.22	73	159378	10.42	ug/L		89
18) C057	trans-1,2-Dichloroet	3.20	96	55857	10.07	ug/L		93
19) C255	Methyl Acetate	2.94	43	112739	9.64	ug/L	#	86
20) C050	1,1-Dichloroethane	3.58	63	107903	9.95	ug/L		98
21) C125	Vinyl Acetate	3.64	43	635449	50.13	ug/L	#	92
22) C051	2,2-Dichloropropane	4.03	77	69163	10.03	ug/L		100
23) C056	cis-1,2-Dichloroethe	4.06	96	60687	10.25	ug/L	#	83
24) C272	Tetrahydrofuran	4.31	42	131743	49.45	ug/L	#	77
25) C222	Bromochloromethane	4.25	128	30445	10.61	ug/L	#	74
26) C060	Chloroform	4.32	83	104985	10.12	ug/L		96
27) C115	1,1,1-Trichloroethan	4.41	97	79679	10.13	ug/L		99
28) C120	Carbon tetrachloride	4.52	117	68226	9.96	ug/L		99
29) C116	1,1-Dichloropropene	4.53	75	78813	10.03	ug/L		98
31) C165	Benzene	4.70	78	222603	9.92	ug/L		99
32) C065	1,2-Dichloroethane	4.76	62	93442	9.96	ug/L		94
33) C110	2-Butanone	4.12	43	214903	48.23	ug/L	#	86
34) C256	Cyclohexane	4.41	56	86345	10.33	ug/L		86
35) C150	Trichloroethene	5.19	95	58096	9.99	ug/L		98
36) C140	1,2-Dichloropropane	5.38	63	59476	9.88	ug/L		96
37) C278	Dibromomethane	5.49	93	38147	9.91	ug/L		92
38) C130	Bromodichloromethane	5.61	83	73367	9.93	ug/L		98
39) C161	2-Chloroethylvinyl E	5.83	63	205826	48.42	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0181.D Vial: 9
Acq On : 22 Jun 2010 14:13 Operator: LH
Sample : T002686-CAL3 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:27:39 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	90625	10.31 ug/L	88
41) C145	cis-1,3-Dichloroprop	5.93	75	86275	10.02 ug/L	97
44) C230	Toluene	6.16	92	129206	9.92 ug/L	96
45) C170	trans-1,3-Dichloropr	6.37	75	79273	9.77 ug/L	95
46) C284	Ethyl Methacrylate	6.40	69	77204	9.95 ug/L #	63
47) C160	1,1,2-Trichloroethan	6.51	83	43851	9.93 ug/L	95
48) C210	4-Methyl-2-pentanone	6.06	43	409438	48.29 ug/L	92
49) C220	Tetrachloroethene	6.56	166	51879	10.04 ug/L	98
50) C221	1,3-Dichloropropane	6.64	76	86300	9.96 ug/L	98
51) C155	Dibromochloromethane	6.81	129	50805	9.93 ug/L	97
52) C163	1,2-Dibromoethane	6.91	107	53102	10.00 ug/L	98
53) C215	2-Hexanone	6.70	43	293832	48.34 ug/L #	87
54) C235	Chlorobenzene	7.26	112	136235	9.96 ug/L	96
55) C281	1,1,1,2-Tetrachloroe	7.32	131	47108	9.85 ug/L	98
56) C240	Ethylbenzene	7.32	91	238124	9.86 ug/L	100
57) C246	m,p-Xylene	7.42	106	177608	19.60 ug/L	96
58) C247	o-Xylene	7.74	106	88335	10.05 ug/L	98
59) C245	Styrene	7.76	104	145734	10.03 ug/L	98
62) C180	Bromoform	7.94	173	32375	9.69 ug/L	94
63) C966	Isopropylbenzene	8.02	105	229931	9.81 ug/L	99
64) C301	Bromobenzene	8.30	156	53997	9.90 ug/L	96
65) C225	1,1,2,2-Tetrachloroe	8.32	83	78087	10.29 ug/L	99
66) C282	1,2,3-Trichloropropa	8.36	110	21430	10.43 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.36	53	85004	44.21 ug/L	84
68) C302	n-Propylbenzene	8.35	91	286242	9.76 ug/L	100
69) C303	2-Chlorotoluene	8.43	126	52786	9.65 ug/L	100
70) C289	4-Chlorotoluene	8.52	126	55043	10.15 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.48	105	195274	9.81 ug/L	100
72) C306	tert-Butylbenzene	8.75	134	37345	10.15 ug/L	100
73) C307	1,2,4-Trimethylbenze	8.79	105	197748	9.77 ug/L	97
74) C308	sec-Butylbenzene	8.93	105	242780	9.88 ug/L	100
75) C260	1,3-Dichlorobenzene	9.05	146	104862	10.01 ug/L	99
76) C309	4-Isopropyltoluene	9.04	119	195289	9.97 ug/L	97
77) C267	1,4-Dichlorobenzene	9.13	146	106618	9.88 ug/L	98
78) C249	1,2-Dichlorobenzene	9.44	146	103428	10.01 ug/L	93
79) C310	n-Butylbenzene	9.38	91	198452	9.90 ug/L	96
80) C286	1,2-Dibromo-3-Chloro	10.11	75	17135	9.68 ug/L	90
81) C313	1,2,4-Trichlorobenze	10.76	180	81952	10.53 ug/L	93
82) C316	Hexachlorobutadiene	10.87	225	36369	9.75 ug/L	95
83) C314	Naphthalene	10.97	128	245432	10.30 ug/L	100
84) C934	1,2,3-Trichlorobenze	11.16	180	80816	10.50 ug/L	96

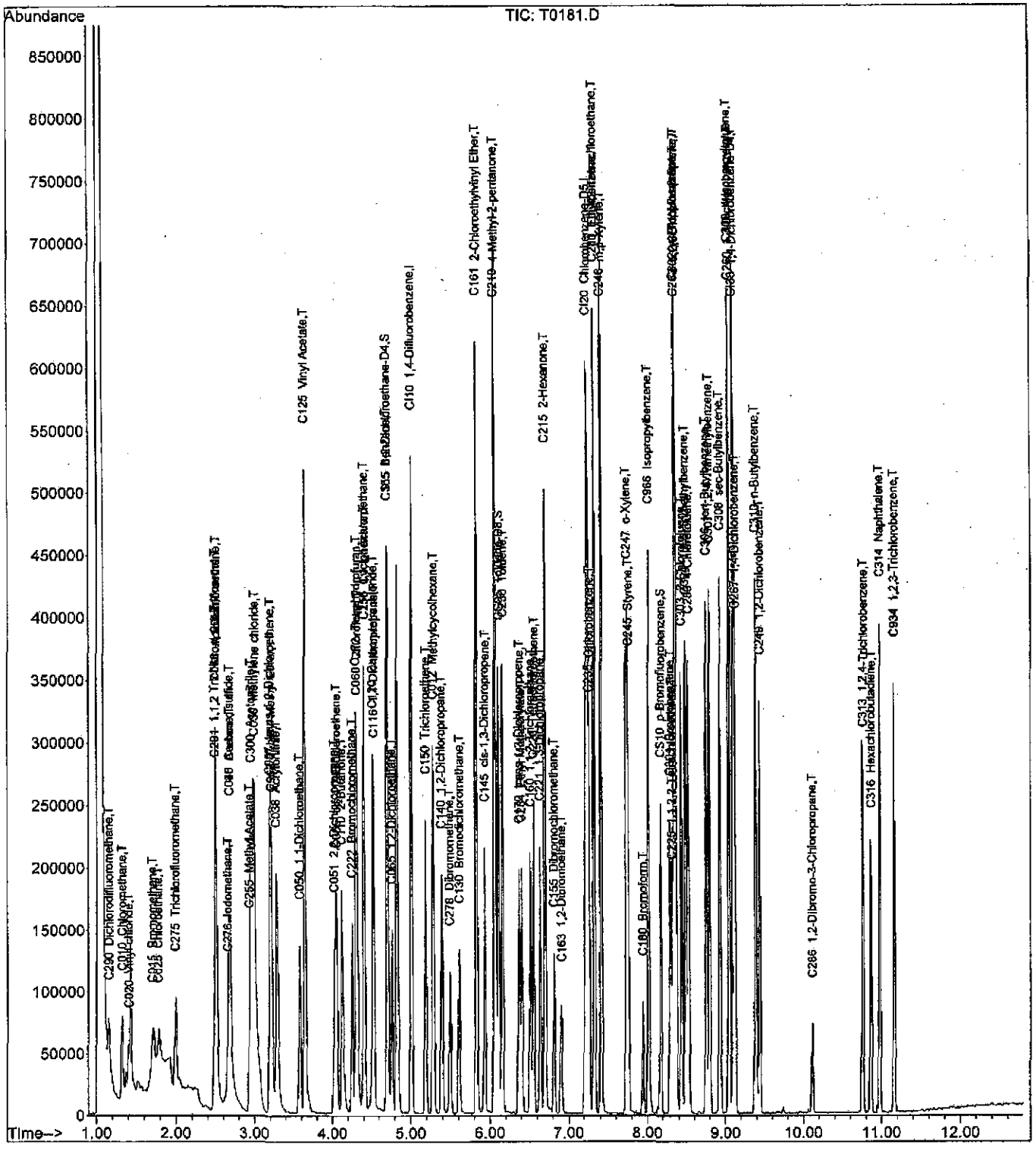
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0181.D
Acq On : 22 Jun 2010 14:13
Sample : T002686-CAL3
Misc :
MS Integration Params: RTEINT.P

Vial: 9
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jun 22 16:27:39 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0182.D Vial: 10
Acq On : 22 Jun 2010 14:36 Operator: LH
Sample : T002686-CAL4 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:02 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	320562	25.00	ug/L		0.00 100.00%
42) CI20	Chlorobenzene-D5	7.23	117	266456	25.00	ug/L		0.00 100.00%
61) CI30	1,4-Dichlorobenzene-	9.10	152	137442	25.00	ug/L		0.00 100.00%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	154343	22.59	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	90.36%		
43) CS05	Toluene-D8	6.11	98	405182	23.13	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	92.52%		
60) CS10	p-Bromofluorobenzene	8.17	174	106746	21.98	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	87.92%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	140287	24.88	ug/L		98
3) C010	Chloromethane	1.32	50	179934	24.55	ug/L		97
4) C020	Vinyl chloride	1.40	62	166117	25.79	ug/L		97
5) C015	Bromomethane	1.72	94	88749	21.34	ug/L		94
6) C025	Chloroethane	1.79	64	102751	25.28	ug/L		100
7) C275	Trichlorofluorometha	2.01	101	171796	24.76	ug/L		99
8) C045	1,1-Dichloroethene	2.50	96	118940	24.85	ug/L	#	87
9) C030	Methylene chloride	3.00	84	153945	24.26	ug/L	#	75
10) C040	Carbon disulfide	2.68	76	417090	25.54	ug/L		99
11) C036	Acrolein	2.50	56	356782	486.16	ug/L		100
12) C038	Acrylonitrile	3.28	53	432579	124.80	ug/L		98
13) C035	Acetone	2.67	43	379924	120.23	ug/L		92
14) C300	Acetonitrile	2.96	41	1028589	876.09	ug/L		99
15) C276	Iodomethane	2.66	142	149990	25.90	ug/L		97
16) C291	1,1,2 Trichloro-1,2,	2.49	101	78825	23.80	ug/L		98
17) C962	T-butyl Methyl Ether	3.21	73	415374	26.20	ug/L		92
18) C057	trans-1,2-Dichloroet	3.20	96	146338	25.47	ug/L		91
19) C255	Methyl Acetate	2.94	43	287753	23.74	ug/L	#	85
20) C050	1,1-Dichloroethane	3.58	63	285420	25.41	ug/L		99
21) C125	Vinyl Acetate	3.64	43	1725644	131.38	ug/L	#	92
22) C051	2,2-Dichloropropane	4.03	77	173957	24.35	ug/L		98
23) C056	cis-1,2-Dichloroethe	4.06	96	154463	25.17	ug/L	#	83
24) C272	Tetrahydrofuran	4.30	42	344160	124.66	ug/L	#	76
25) C222	Bromochloromethane	4.25	128	75666	25.44	ug/L	#	77
26) C060	Chloroform	4.32	83	263239	24.48	ug/L		97
27) C115	1,1,1-Trichloroethan	4.41	97	204281	25.06	ug/L		96
28) C120	Carbon tetrachloride	4.51	117	178782	25.19	ug/L		96
29) C116	1,1-Dichloropropene	4.53	75	203264	24.96	ug/L		98
31) C165	Benzene	4.70	78	583052	25.08	ug/L		100
32) C065	1,2-Dichloroethane	4.76	62	240434	24.74	ug/L		94
33) C110	2-Butanone	4.12	43	574064	124.32	ug/L	#	84
34) C256	Cyclohexane	4.41	56	214954	24.81	ug/L	#	86
35) C150	Trichloroethene	5.19	95	152936	25.38	ug/L		98
36) C140	1,2-Dichloropropane	5.38	63	154771	24.81	ug/L		97
37) C278	Dibromomethane	5.49	93	101484	25.45	ug/L		90
38) C130	Bromodichloromethane	5.61	83	195288	25.51	ug/L		95
39) C161	2-Chloroethylvinyl E	5.83	63	566059	128.50	ug/L		87

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0182.D Vial: 10
Acq On : 22 Jun 2010 14:36 Operator: LH
Sample : T002686-CAL4 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:02 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

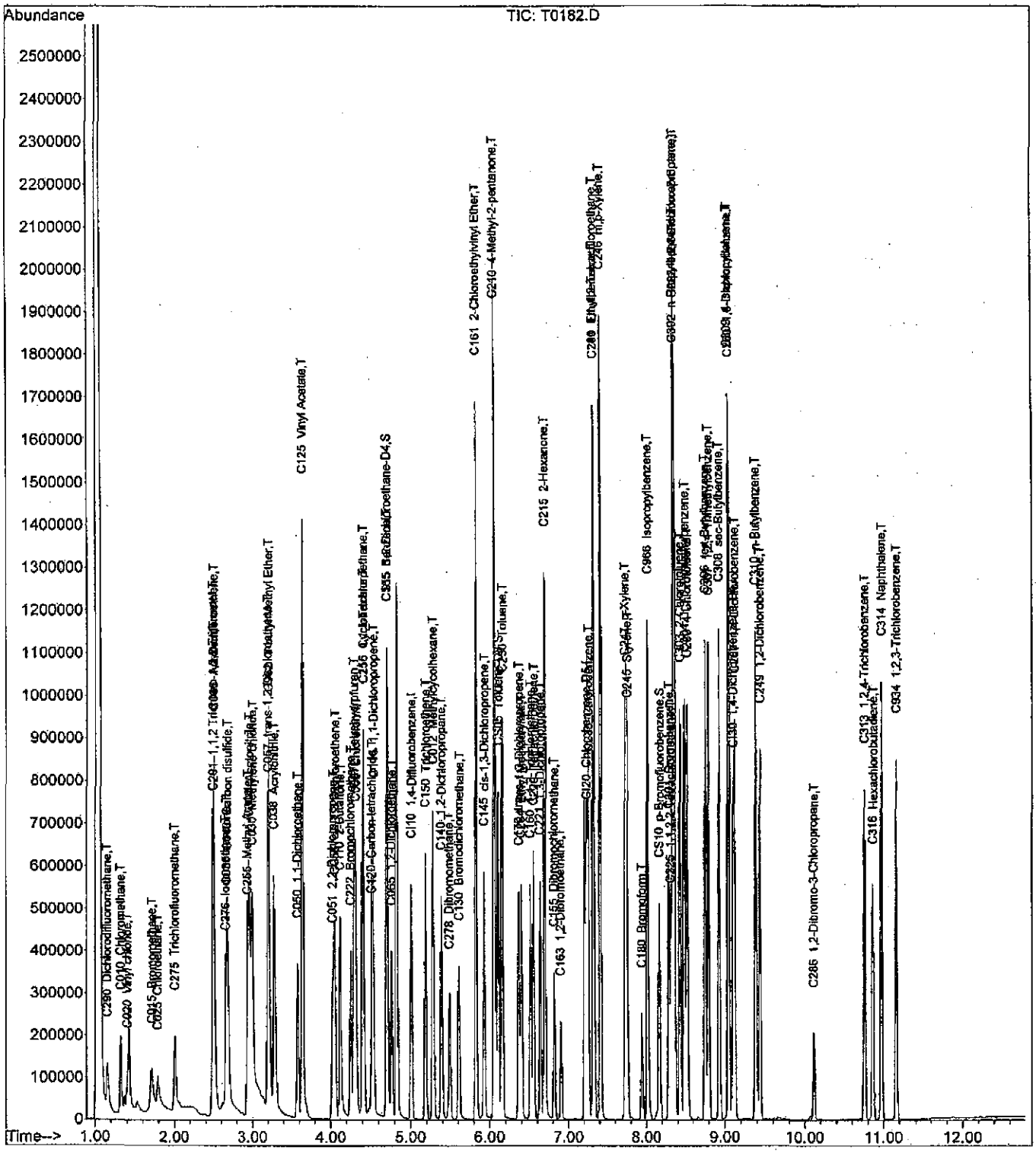
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	227336	24.95	ug/L		87
41) C145	cis-1,3-Dichloroprop	5.93	75	230814	25.86	ug/L		99
44) C230	Toluene	6.16	92	333807	24.47	ug/L		98
45) C170	trans-1,3-Dichloropr	6.37	75	218326	25.70	ug/L		99
46) C284	Ethyl Methacrylate	6.40	69	205506	25.27	ug/L	#	65
47) C160	1,1,2-Trichloroethan	6.51	83	117897	25.47	ug/L		95
48) C210	4-Methyl-2-pentanone	6.06	43	1127780	126.96	ug/L		93
49) C220	Tetrachloroethene	6.56	166	135397	25.01	ug/L		93
50) C221	1,3-Dichloropropane	6.64	76	226044	24.91	ug/L		99
51) C155	Dibromochloromethane	6.81	129	135582	25.30	ug/L		99
52) C163	1,2-Dibromoethane	6.90	107	139307	25.05	ug/L		96
53) C215	2-Hexanone	6.69	43	797247	125.20	ug/L		91
54) C235	Chlorobenzene	7.26	112	358523	25.03	ug/L		96
55) C281	1,1,1,2-Tetrachloroe	7.32	131	124688	24.88	ug/L		97
56) C240	Ethylbenzene	7.32	91	638910	25.26	ug/L		99
57) C246	m,p-Xylene	7.42	106	474929	50.02	ug/L		99
58) C247	o-Xylene	7.73	106	235573	25.57	ug/L		92
59) C245	Styrene	7.76	104	386625	25.39	ug/L		100
62) C180	Bromoform	7.94	173	93157	26.84	ug/L		98
63) C966	Isopropylbenzene	8.02	105	617361	25.33	ug/L		100
64) C301	Bromobenzene	8.30	156	142252	25.10	ug/L		99
65) C225	1,1,2,2-Tetrachloroe	8.32	83	204911	25.97	ug/L		99
66) C282	1,2,3-Trichloropropa	8.36	110	53646	25.12	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.36	53	270914	135.56	ug/L	#	85
68) C302	n-Propylbenzene	8.35	91	775922	25.46	ug/L		98
69) C303	2-Chlorotoluene	8.43	126	140723	24.74	ug/L		100
70) C289	4-Chlorotoluene	8.52	126	143383	25.44	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.49	105	517913	25.04	ug/L		98
72) C306	tert-Butylbenzene	8.75	134	99133	25.93	ug/L		100
73) C307	1,2,4-Trimethylbenze	8.79	105	537019	25.52	ug/L		99
74) C308	sec-Butylbenzene	8.93	105	640630	25.08	ug/L		99
75) C260	1,3-Dichlorobenzene	9.05	146	273027	25.06	ug/L		96
76) C309	4-Isopropyltoluene	9.04	119	513542	25.23	ug/L		97
77) C267	1,4-Dichlorobenzene	9.13	146	284663	25.37	ug/L		99
78) C249	1,2-Dichlorobenzene	9.44	146	266812	24.85	ug/L		95
79) C310	n-Butylbenzene	9.38	91	527418	25.32	ug/L		99
80) C286	1,2-Dibromo-3-Chloro	10.11	75	46360	25.20	ug/L		86
81) C313	1,2,4-Trichlorobenze	10.75	180	201413	24.89	ug/L		98
82) C316	Hexachlorobutadiene	10.87	225	96251	24.82	ug/L		96
83) C314	Naphthalene	10.97	128	628642	25.38	ug/L		100
84) C934	1,2,3-Trichlorobenze	11.16	180	200339	25.05	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0182.D Vial: 10
Acq On : 22 Jun 2010 14:36 Operator: LH
Sample : T002686-CAL4 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jun 22 16:28:02 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0183.D Vial: 11
Acq On : 22 Jun 2010 15:01 Operator: LH
Sample : T002686-CAL5 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:30:01 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.01	114	330518	25.00	ug/L		0.00 103.11%
42)	CI20	Chlorobenzene-D5	7.23	117	280483	25.00	ug/L		0.00 105.26%
61)	CI30	1,4-Dichlorobenzene-	9.10	152	140542	25.00	ug/L		0.00 102.26%
	System Monitoring Compounds								
30)	CS15	1,2-Dichloroethane-D	4.70	65	318287	45.18	ug/L		0.00
	Spiked Amount	25.000	Range	66 - 137	Recovery	=	180.72%#		
43)	CS05	Toluene-D8	6.11	98	872848	47.34	ug/L		0.00
	Spiked Amount	25.000	Range	71 - 126	Recovery	=	189.36%#		
60)	CS10	p-Bromofluorobenzene	8.17	174	229359	44.87	ug/L		0.00
	Spiked Amount	25.000	Range	73 - 120	Recovery	=	179.48%#		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.16	85	296566	51.02	ug/L		100
3)	C010	Chloromethane	1.32	50	348037	46.06	ug/L		98
4)	C020	Vinyl chloride	1.42	62	336129	50.62	ug/L		99
5)	C015	Bromomethane	1.72	94	181897	42.41	ug/L		97
6)	C025	Chloroethane	1.79	64	200140	47.75	ug/L		97
7)	C275	Trichlorofluorometha	2.01	101	343235	47.99	ug/L		99
8)	C045	1,1-Dichloroethene	2.50	96	240298	48.70	ug/L		90
9)	C030	Methylene chloride	3.00	84	295205	45.13	ug/L	#	75
10)	C040	Carbon disulfide	2.68	76	823010	48.87	ug/L		98
11)	C036	Acrolein	2.49	56	801635m	1059.42	ug/L	#	99
12)	C038	Acrylonitrile	3.28	53	837175m	234.26	ug/L	#	97
13)	C035	Acetone	2.66	43	680537m	208.88	ug/L	#	89
14)	C300	Acetonitrile	2.95	41	1906327m	1574.79	ug/L		100
15)	C276	Iodomethane	2.66	142	292439	48.97	ug/L		97
16)	C291	1,1,2 Trichloro-1,2,	2.49	101	169596	49.67	ug/L		97
17)	C962	T-butyl Methyl Ether	3.21	73	707308	43.27	ug/L		96
18)	C057	trans-1,2-Dichloroet	3.20	96	283330	47.83	ug/L		93
19)	C255	Methyl Acetate	2.93	43	647682m	51.82	ug/L		82
20)	C050	1,1-Dichloroethane	3.58	63	563330	48.64	ug/L		99
21)	C125	Vinyl Acetate	3.64	43	2972180	219.47	ug/L	#	93
22)	C051	2,2-Dichloropropane	4.03	77	334182	45.38	ug/L		99
23)	C056	cis-1,2-Dichloroethe	4.06	96	308047	48.69	ug/L	#	86
24)	C272	Tetrahydrofuran	4.30	42	585948	205.84	ug/L	#	77
25)	C222	Bromochloromethane	4.25	128	150842	49.20	ug/L	#	74
26)	C060	Chloroform	4.32	83	528579	47.67	ug/L		100
27)	C115	1,1,1-Trichloroethan	4.41	97	412166	49.05	ug/L		97
28)	C120	Carbon tetrachloride	4.51	117	368551	50.36	ug/L		97
29)	C116	1,1-Dichloropropene	4.53	75	416696	49.62	ug/L		98
31)	C165	Benzene	4.70	78	1149598	47.95	ug/L		100
32)	C065	1,2-Dichloroethane	4.76	62	474987	47.40	ug/L		95
33)	C110	2-Butanone	4.11	43	1060994	222.86	ug/L	#	89
34)	C256	Cyclohexane	4.41	56	451319	50.53	ug/L	#	86
35)	C150	Trichloroethene	5.19	95	305020	49.10	ug/L		99
36)	C140	1,2-Dichloropropane	5.38	63	316132	49.15	ug/L		97
37)	C278	Dibromomethane	5.49	93	203173	49.42	ug/L		90
38)	C130	Bromodichloromethane	5.61	83	392885	49.77	ug/L		94
39)	C161	2-Chloroethylvinyl E	5.83	63	1054502	232.18	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0183.D Vial: 11
Acq On : 22 Jun 2010 15:01 Operator: LH
Sample : T002686-CAL5 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:30:01 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	486761	51.82	ug/L		89
41) C145	cis-1,3-Dichloroprop	5.93	75	467889	50.84	ug/L		97
44) C230	Toluene	6.16	92	685011	47.70	ug/L		99
45) C170	trans-1,3-Dichloropr	6.37	75	448856	50.18	ug/L		98
46) C284	Ethyl Methacrylate	6.40	69	413070	48.25	ug/L	#	77
47) C160	1,1,2-Trichloroethan	6.51	83	234386	48.11	ug/L		94
48) C210	4-Methyl-2-pentanone	6.06	43	2170558	232.13	ug/L		92
49) C220	Tetrachloroethene	6.56	166	277164	48.63	ug/L		95
50) C221	1,3-Dichloropropane	6.64	76	462226	48.38	ug/L		97
51) C155	Dibromochloromethane	6.81	129	285549	50.62	ug/L		98
52) C163	1,2-Dibromoethane	6.91	107	285658	48.80	ug/L		97
53) C215	2-Hexanone	6.69	43	1555472	232.06	ug/L		91
54) C235	Chlorobenzene	7.26	112	730886	48.47	ug/L		97
55) C281	1,1,1,2-Tetrachloroe	7.32	131	252724	47.90	ug/L		97
56) C240	Ethylbenzene	7.32	91	1278570	48.03	ug/L		100
57) C246	m,p-Xylene	7.42	106	959692	96.03	ug/L		97
58) C247	o-Xylene	7.74	106	474071	48.89	ug/L		96
59) C245	Styrene	7.76	104	790675	49.32	ug/L		98
62) C180	Bromoform	7.94	173	191574	53.97	ug/L		99
63) C966	Isopropylbenzene	8.02	105	1244566	49.94	ug/L		100
64) C301	Bromobenzene	8.30	156	286321	49.41	ug/L		98
65) C225	1,1,2,2-Tetrachloroe	8.33	83	402422	49.88	ug/L		99
66) C282	1,2,3-Trichloropropa	8.36	110	105925	48.51	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.37	53	574089	280.94	ug/L	#	84
68) C302	n-Propylbenzene	8.35	91	1568888	50.35	ug/L		99
69) C303	2-Chlorotoluene	8.43	126	289080	49.71	ug/L		100
70) C289	4-Chlorotoluene	8.52	126	288794	50.11	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.49	105	1042873	49.31	ug/L		100
72) C306	tert-Butylbenzene	8.75	134	200279	51.23	ug/L		100
73) C307	1,2,4-Trimethylbenze	8.79	105	1037858	48.23	ug/L		98
74) C308	sec-Butylbenzene	8.93	105	1281513	49.06	ug/L		99
75) C260	1,3-Dichlorobenzene	9.05	146	538146	48.31	ug/L		95
76) C309	4-Isopropyltoluene	9.05	119	1038825	49.92	ug/L		100
77) C267	1,4-Dichlorobenzene	9.13	146	558063	48.64	ug/L		99
78) C249	1,2-Dichlorobenzene	9.44	146	527619	48.06	ug/L		96
79) C310	n-Butylbenzene	9.38	91	1027032	48.21	ug/L		98
80) C286	1,2-Dibromo-3-Chloro	10.11	75	92843	49.36	ug/L		93
81) C313	1,2,4-Trichlorobenze	10.76	180	375061	45.32	ug/L		97
82) C316	Hexachlorobutadiene	10.87	225	174051	43.88	ug/L		99
83) C314	Naphthalene	10.97	128	1237534	48.86	ug/L		100
84) C934	1,2,3-Trichlorobenze	11.16	180	372500	45.55	ug/L		99

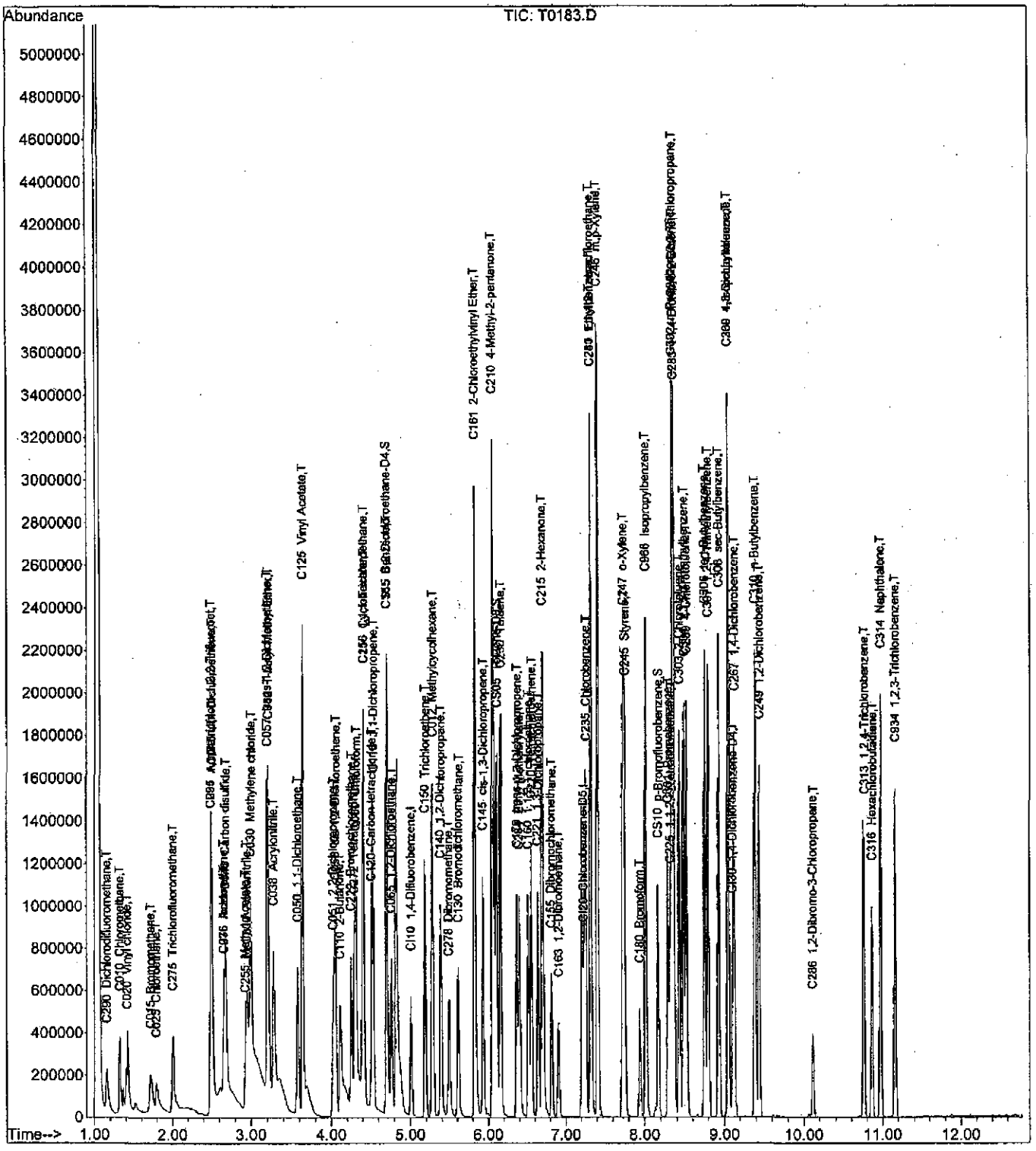
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jun 22 16:30:01 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

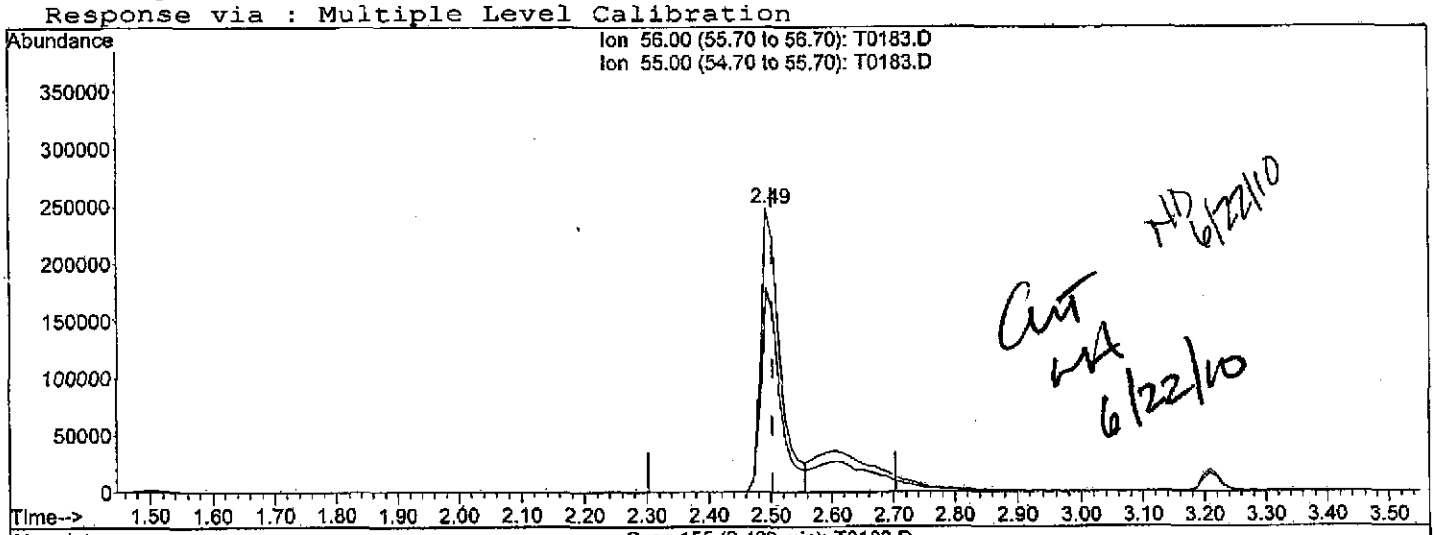


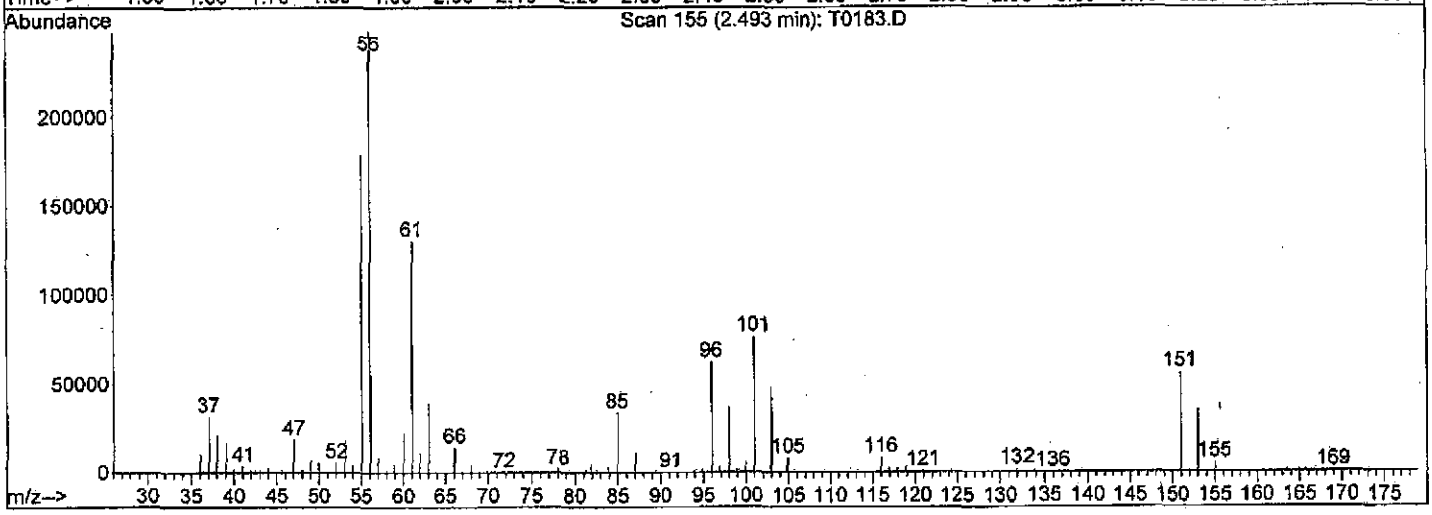
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(11) C036 Acrolein (T)

2.49min (-0.010) 705.13ug/L

response 533555

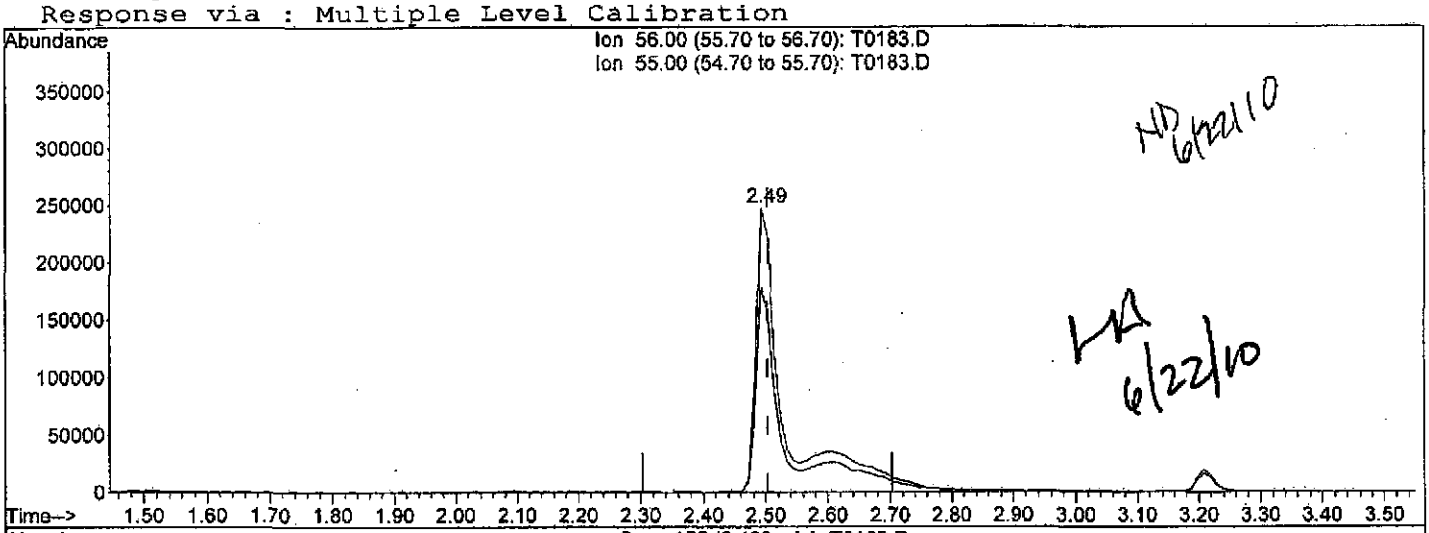
Ion	Exp%	Act%
56.00	100	100
55.00	72.90	71.82
0.00	0.00	0.00
0.00	0.00	0.00

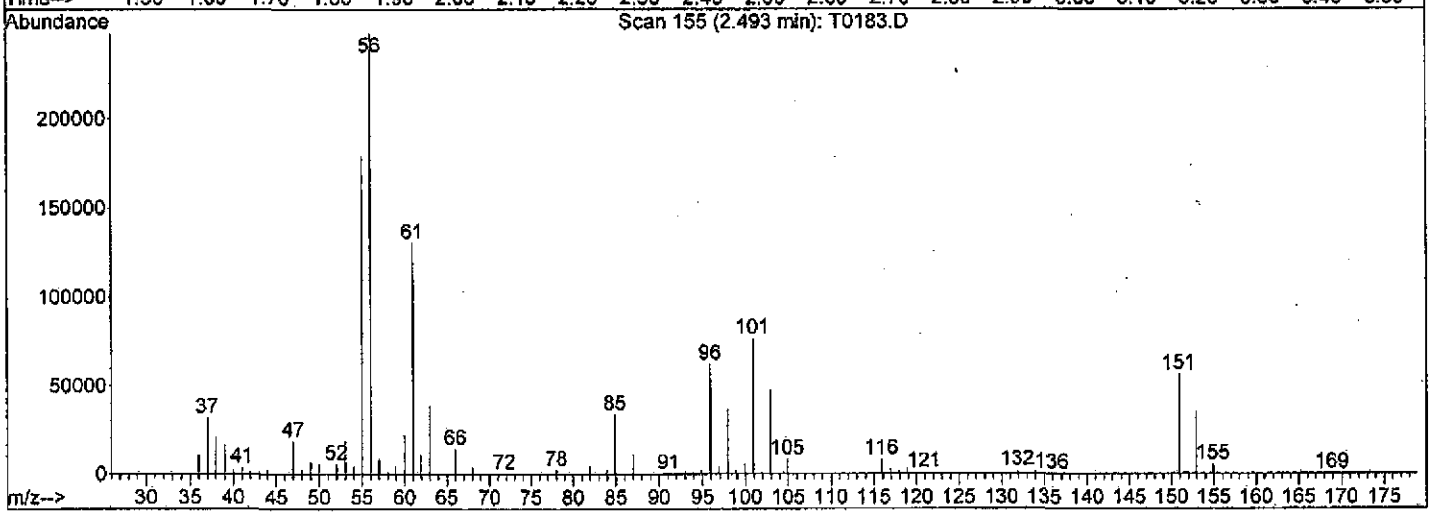
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(11) C036 Acrolein (T)

2.49min (-0.010) 1059.42ug/L m

response 801635

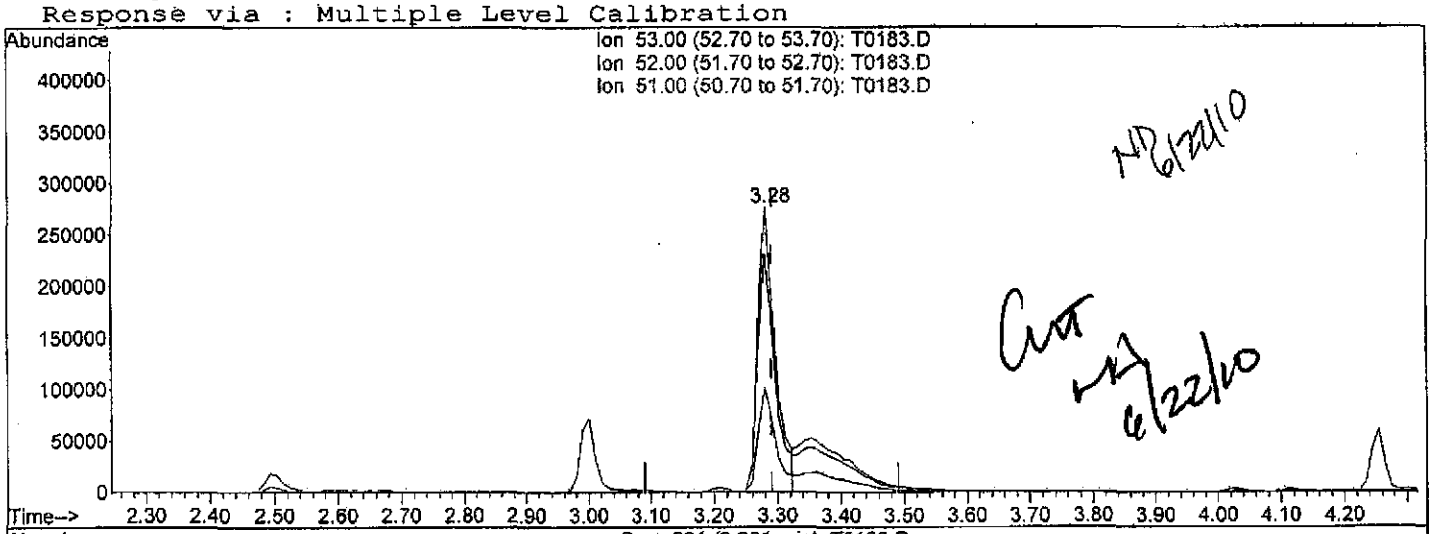
Ion	Exp%	Act%
56.00	100	100
55.00	72.90	47.80#
0.00	0.00	0.00
0.00	0.00	0.00

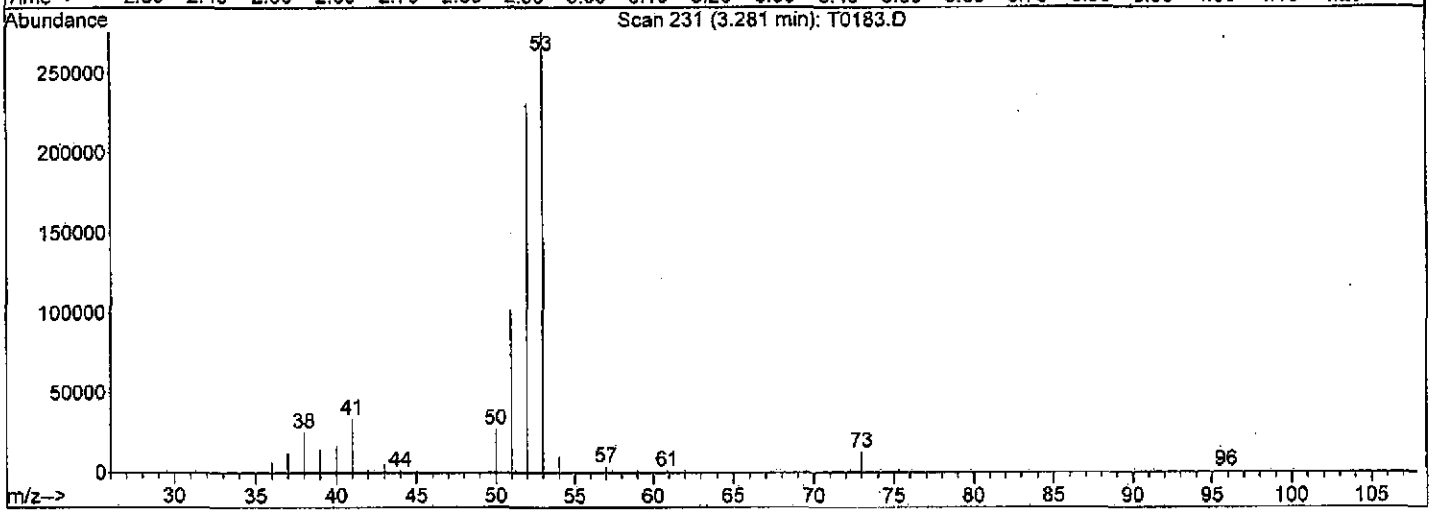
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(12) C038 Acrylonitrile (T)

3.28min (-0.010) 147.65ug/L

response 527666

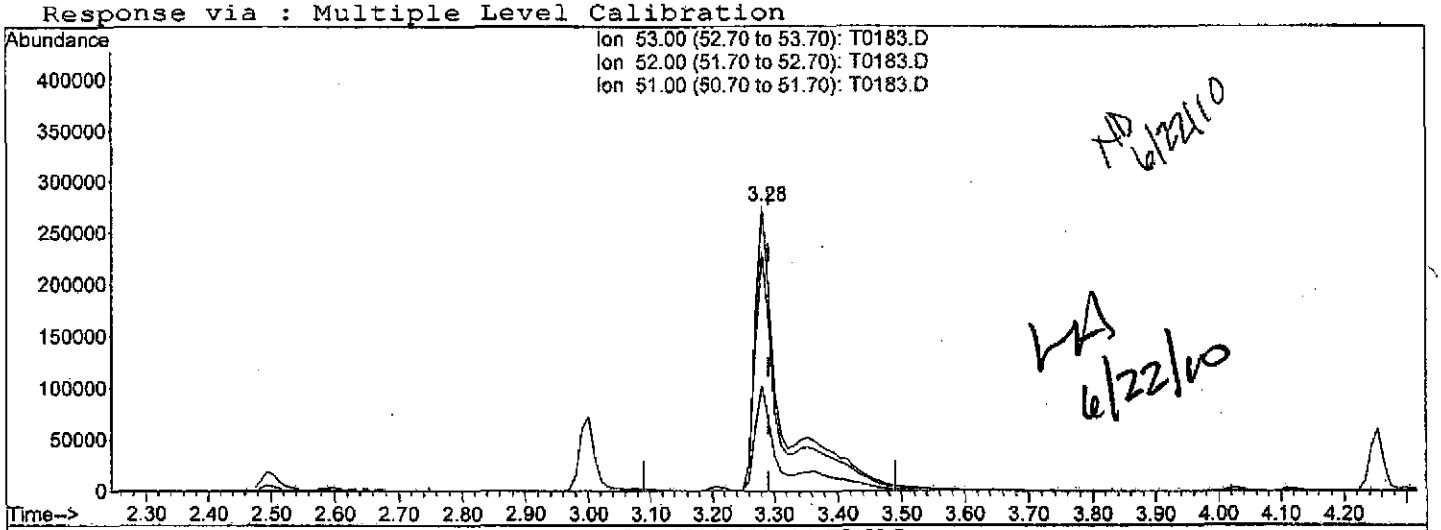
Ion	Exp%	Act%
53.00	100	100
52.00	86.00	84.11
51.00	38.40	36.01
0.00	0.00	0.00

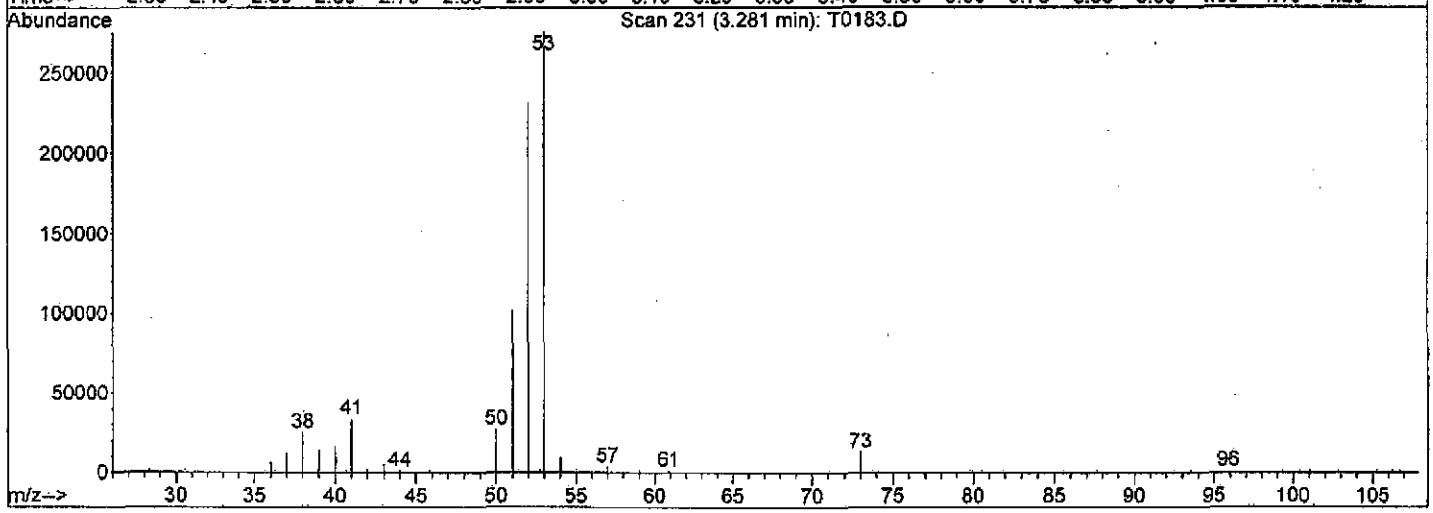
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(12) C038 Acrylonitrile (T)

3.28min (-0.010) 234.26ug/L m

response 837175

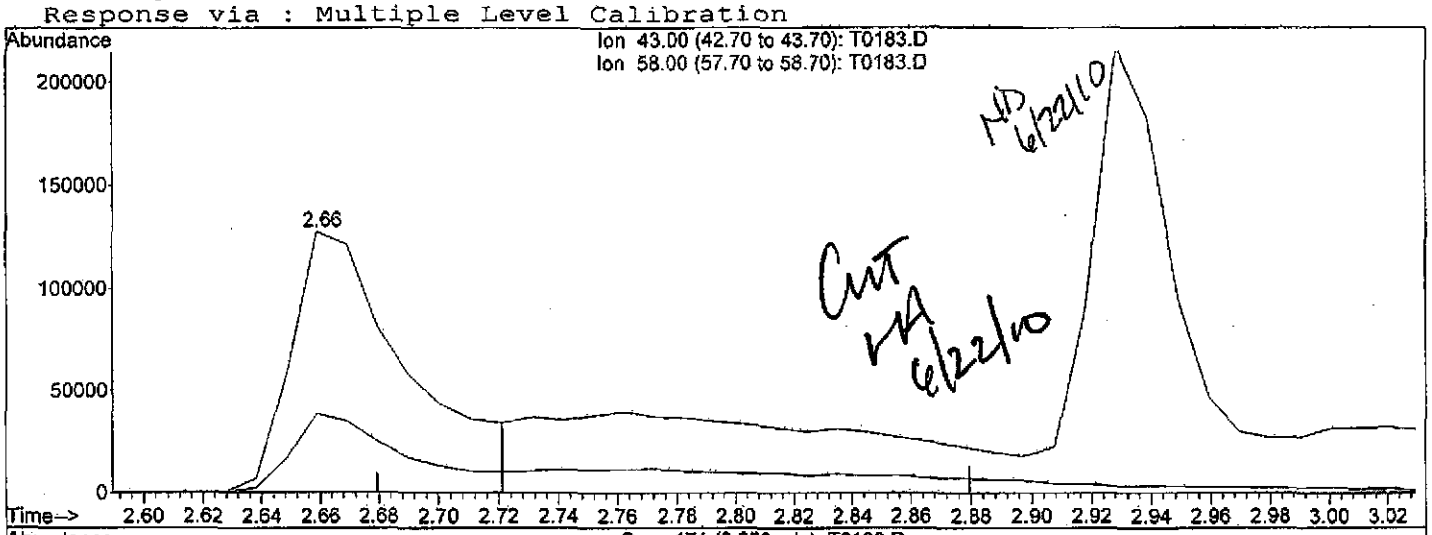
Ion	Exp%	Act%
53.00	100	100
52.00	86.00	53.01#
51.00	38.40	22.70#
0.00	0.00	0.00

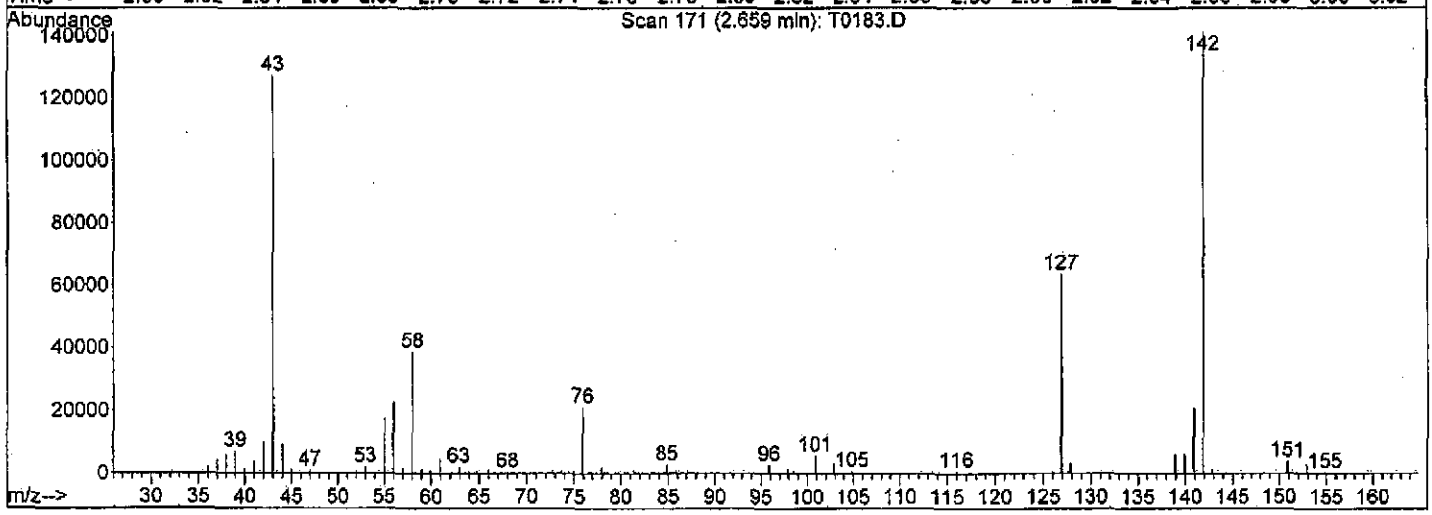
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(13) C035 Acetone (T)

2.66min (-0.021) 107.62ug/L

response 350633

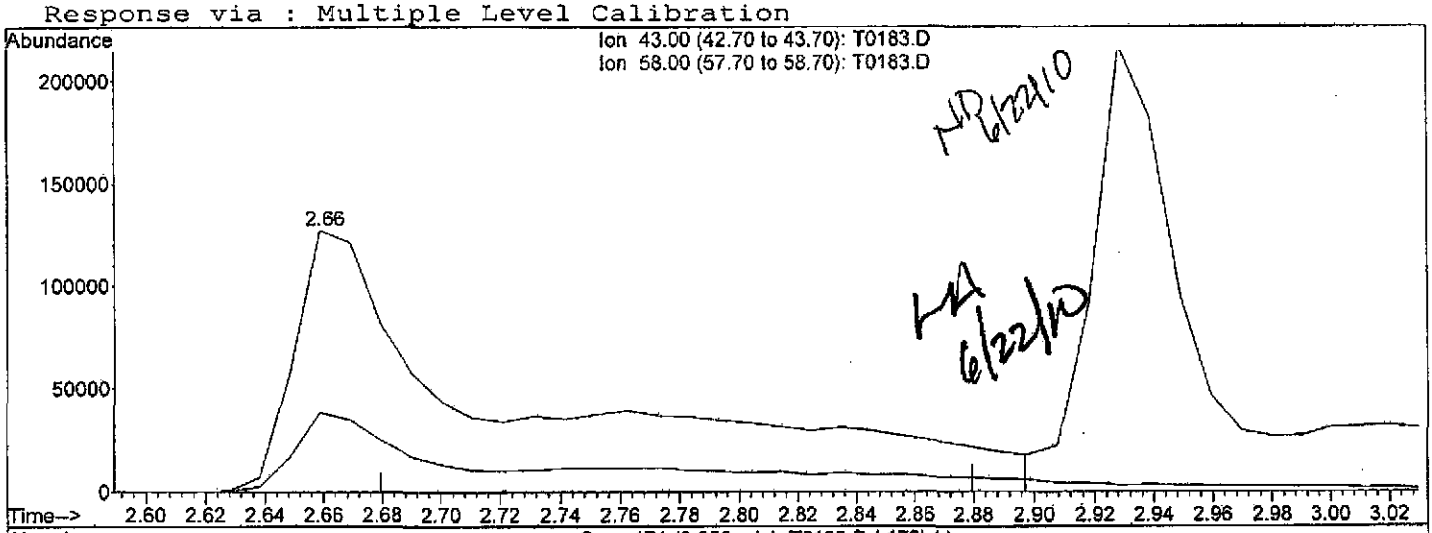
Ion	Exp%	Act%
43.00	100	100
58.00	24.60	30.30#
0.00	0.00	0.00
0.00	0.00	0.00

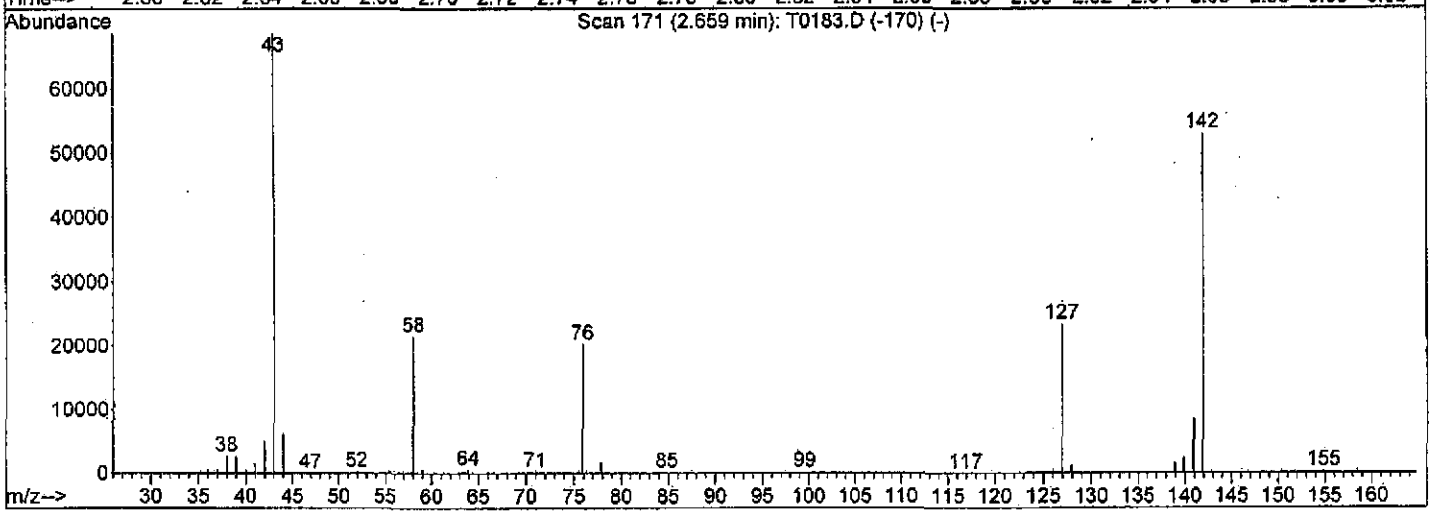
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(13) C035 Acetone (T)

2.66min (-0.021) 208.88ug/L m

response 680537

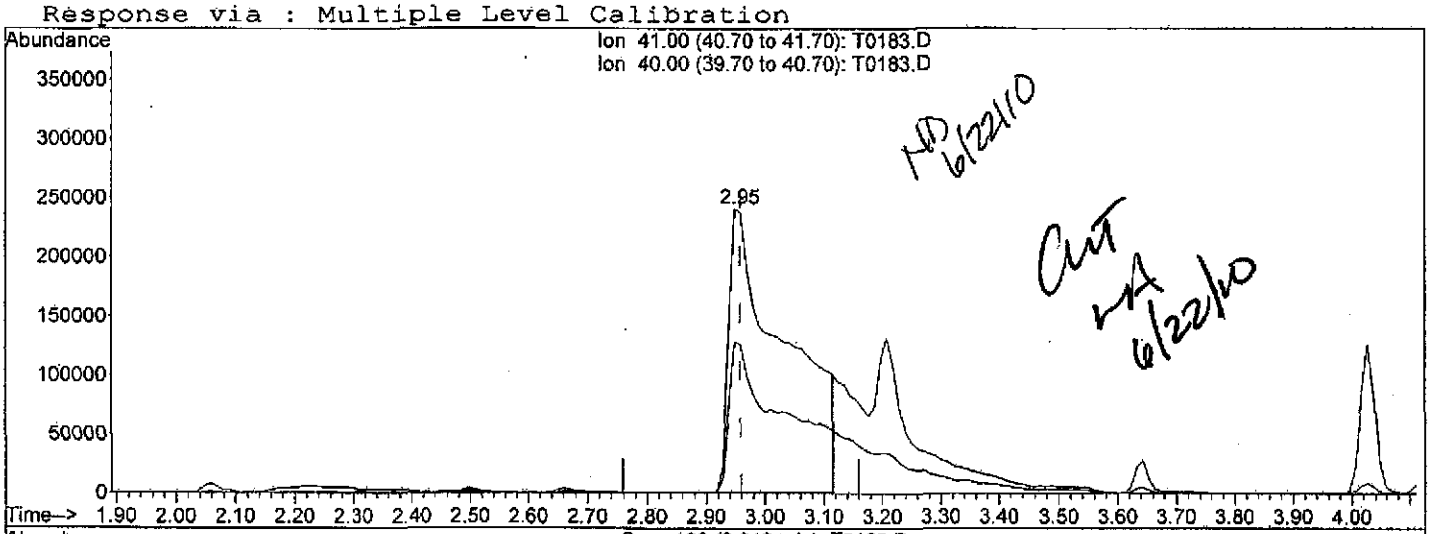
Ion	Exp%	Act%
43.00	100	100
58.00	24.60	30.30#
0.00	0.00	0.00
0.00	0.00	0.00

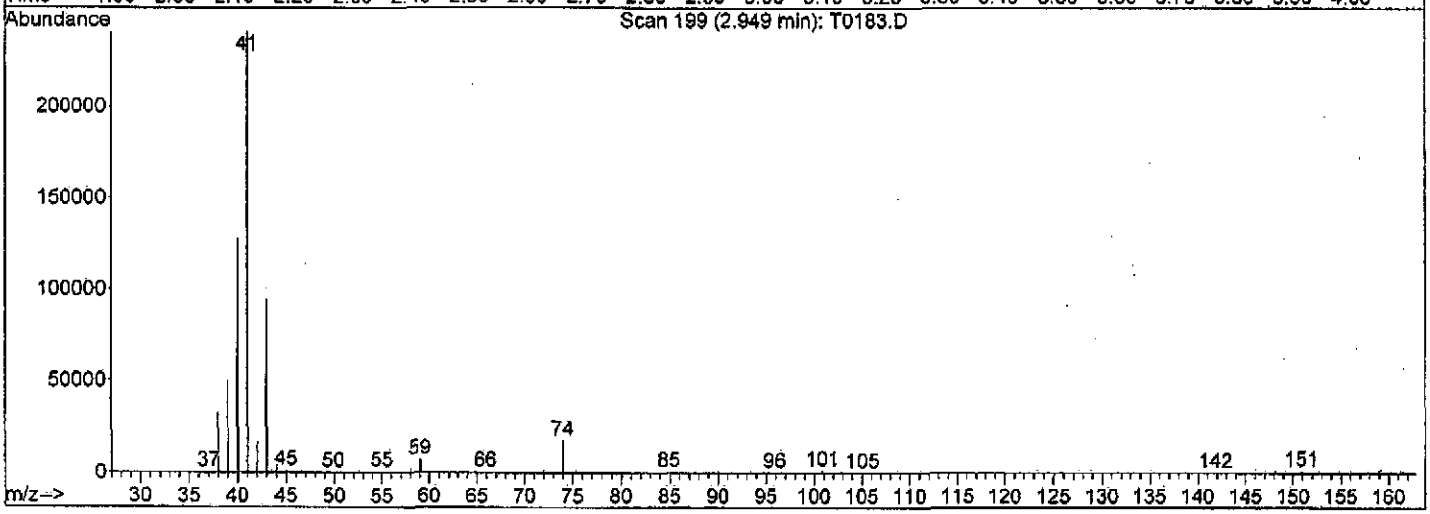
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(14) C300 Acetonitrile (T)

2.95min (-0.010) 1315.34ug/L

response 1592257

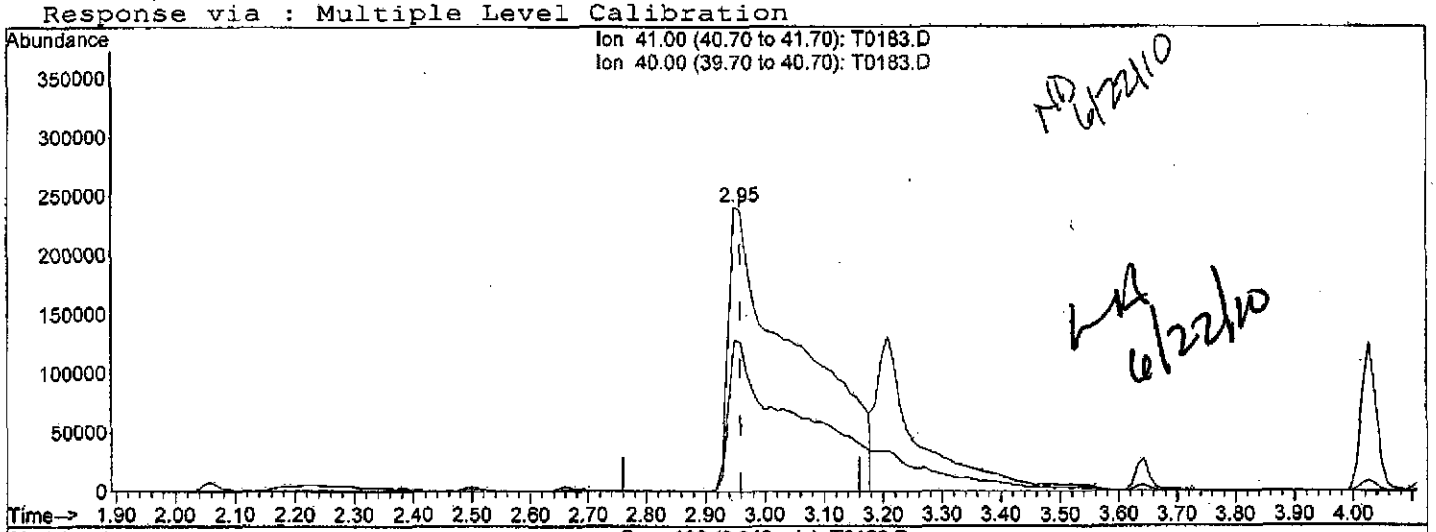
Ion	Exp%	Act%
41.00	100	100
40.00	52.70	52.89
0.00	0.00	0.00
0.00	0.00	0.00

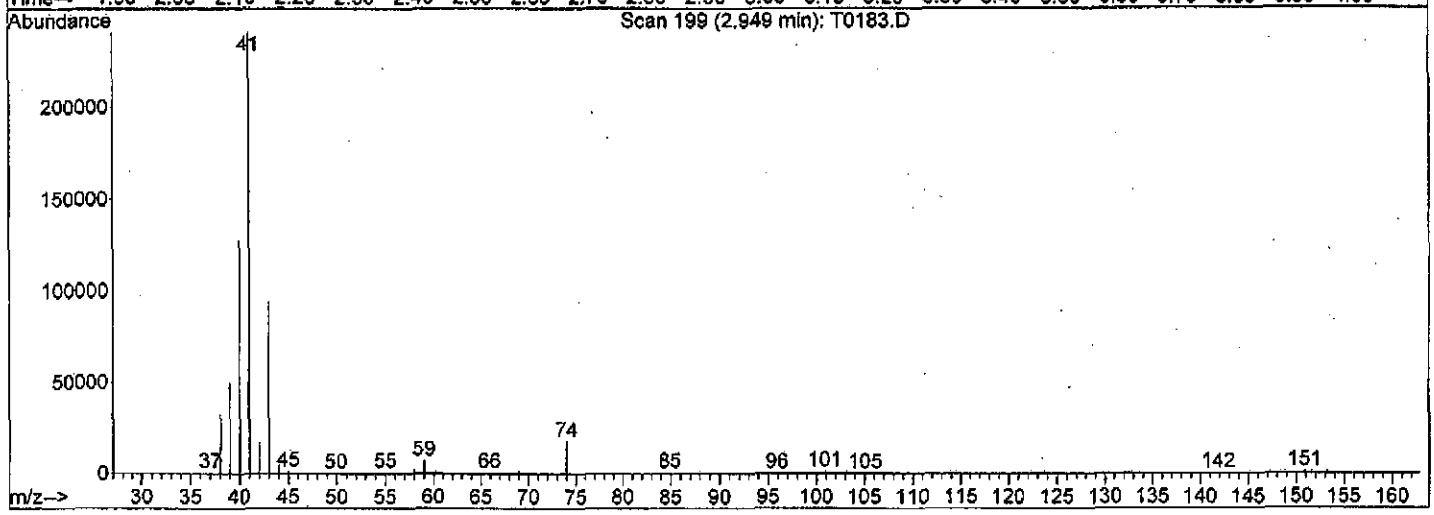
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(14) C300 Acetonitrile (T)

2.95min (-0.010) 1574.79ug/L m

response 1906327

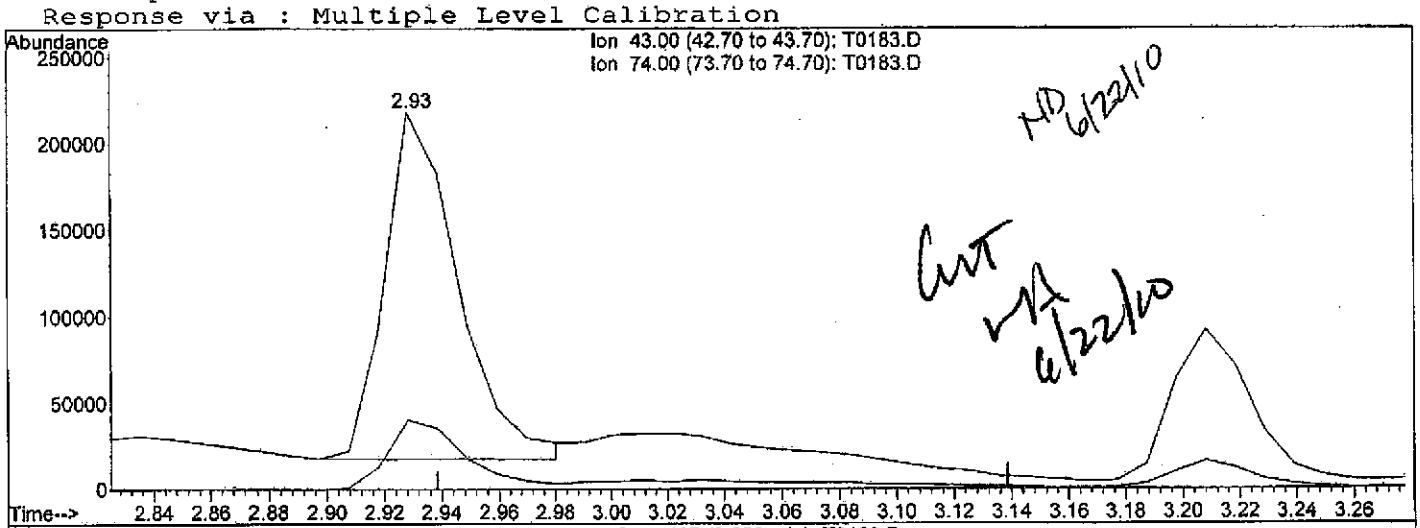
Ion	Exp%	Act%
41.00	100	100
40.00	52.70	44.18
0.00	0.00	0.00
0.00	0.00	0.00

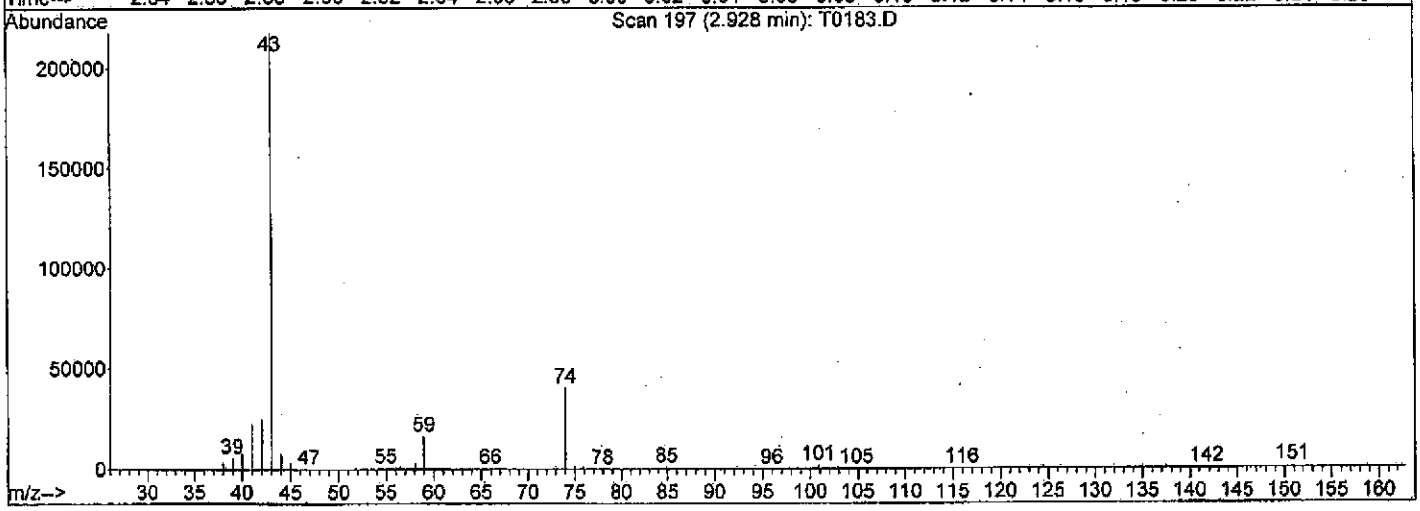
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(19) C255 Methyl Acetate (T)

2.93min (-0.010) 28.44ug/L

response 355479

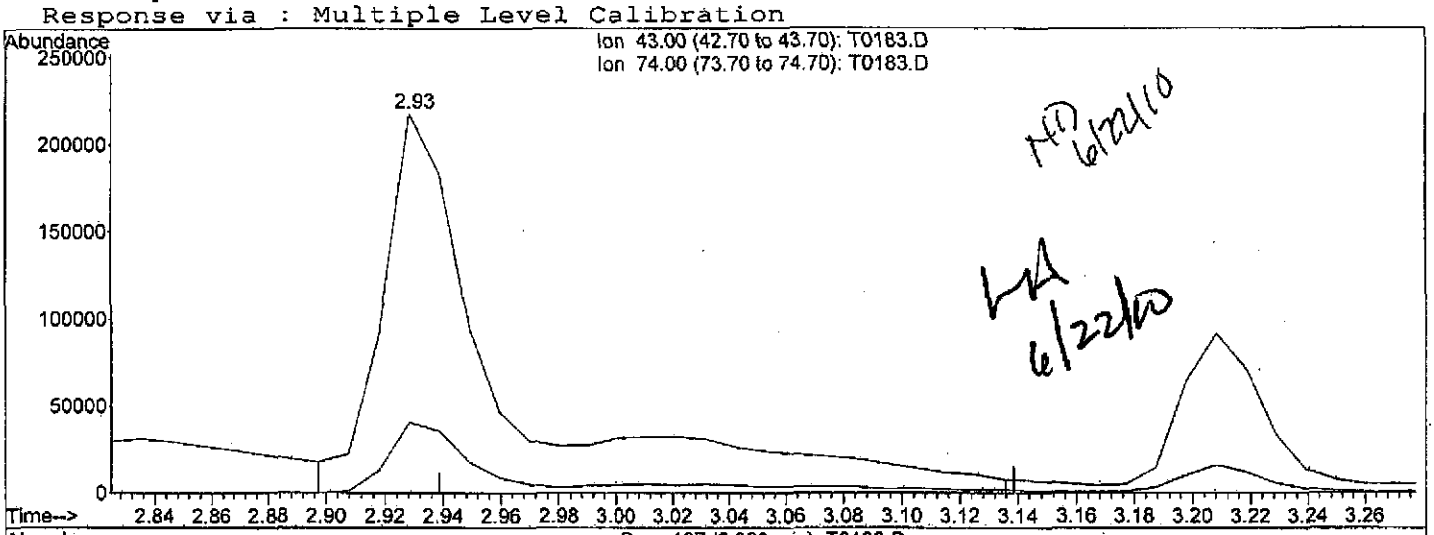
Ion	Exp%	Act%
43.00	100	100
74.00	14.30	21.80#
0.00	0.00	0.00
0.00	0.00	0.00

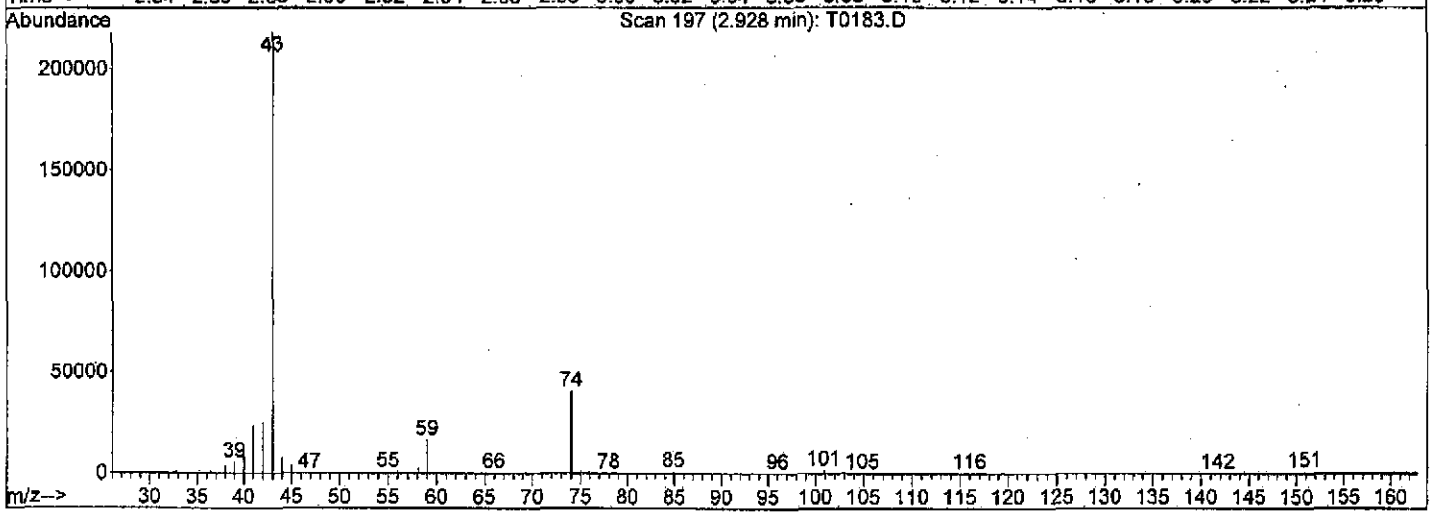
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\T\062210\T0183.D
Acq On : 22 Jun 2010 15:01
Sample : T002686-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:28:26 2010

Vial: 11
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Multiple Level Calibration





TIC: T0183.D

(19) C255 Methyl Acetate (T)

2.93min (-0.010) 51.82ug/L m

response 647682

Ion	Exp%	Act%
43.00	100	100
74.00	14.30	11.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0184.D Vial: 12
Acq On : 22 Jun 2010 15:25 Operator: LH
Sample : T002686-CAL6 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:30:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	332501	25.00	ug/L		0.00 103.72%
42) CI20	Chlorobenzene-D5	7.23	117	285316	25.00	ug/L		0.00 107.08%
61) CI30	1,4-Dichlorobenzene-	9.10	152	148989	25.00	ug/L		0.00 108.40%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	715742	100.99	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	403.96%#		
43) CS05	Toluene-D8	6.11	98	1906006	101.63	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	406.52%#		
60) CS10	p-Bromofluorobenzene	8.17	174	521357	100.27	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	401.08%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	587187	100.41	ug/L		98
3) C010	Chloromethane	1.32	50	681001	89.58	ug/L		99
4) C020	Vinyl chloride	1.42	62	661701	99.05	ug/L		99
5) C015	Bromomethane	1.72	94	353101	81.84	ug/L		96
6) C025	Chloroethane	1.79	64	390622	92.64	ug/L		97
7) C275	Trichlorofluorometha	2.01	101	675841	93.92	ug/L		100
8) C045	1,1-Dichloroethene	2.50	96	459878	92.65	ug/L		91
9) C030	Methylene chloride	3.00	84	590210	89.69	ug/L	#	75
10) C040	Carbon disulfide	2.69	76	1621350	95.71	ug/L		98
11) C036	Acrolein	2.50	56	1827719	2401.07	ug/L		99
12) C038	Acrylonitrile	3.28	53	1697549	472.17	ug/L		98
13) C035	Acetone	2.67	43	1468724	448.11	ug/L	#	89
14) C300	Acetonitrile	2.96	41	4109969	3374.93	ug/L		100
15) C276	Iodomethane	2.66	142	571685	95.17	ug/L		97
16) C291	1,1,2 Trichloro-1,2,	2.49	101	321896	93.71	ug/L		97
17) C962	T-butyl Methyl Ether	3.21	73	1574375	95.73	ug/L		92
18) C057	trans-1,2-Dichloroet	3.21	96	563234	94.51	ug/L	#	86
19) C255	Methyl Acetate	2.94	43	1109491	88.23	ug/L	#	85
20) C050	1,1-Dichloroethane	3.58	63	1121233	96.24	ug/L		99
21) C125	Vinyl Acetate	3.64	43	6976796	512.11	ug/L	#	93
22) C051	2,2-Dichloropropane	4.03	77	664428	89.68	ug/L		99
23) C056	cis-1,2-Dichloroethe	4.06	96	613912	96.46	ug/L	#	88
24) C272	Tetrahydrofuran	4.29	42	1387122	484.39	ug/L	#	81
25) C222	Bromochloromethane	4.25	128	304688	98.78	ug/L	#	74
26) C060	Chloroform	4.32	83	1057794	94.84	ug/L		100
27) C115	1,1,1-Trichloroethan	4.41	97	838696	99.21	ug/L		96
28) C120	Carbon tetrachloride	4.52	117	767255	104.22	ug/L		97
29) C116	1,1-Dichloropropene	4.53	75	836126	98.97	ug/L		99
31) C165	Benzene	4.71	78	2301105	95.41	ug/L		99
32) C065	1,2-Dichloroethane	4.76	62	968719	96.09	ug/L		96
33) C110	2-Butanone	4.11	43	2280407	476.13	ug/L	#	88
34) C256	Cyclohexane	4.41	56	895361	99.65	ug/L	#	86
35) C150	Trichloroethene	5.19	95	623156	99.71	ug/L		98
36) C140	1,2-Dichloropropane	5.38	63	649274	100.34	ug/L		97
37) C278	Dibromomethane	5.49	93	413933	100.08	ug/L		90
38) C130	Bromodichloromethane	5.61	83	798671	100.58	ug/L		95
39) C161	2-Chloroethylvinyl E	5.83	63	2326633	509.22	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0184.D Vial: 12
Acq On : 22 Jun 2010 15:25 Operator: LH
Sample : T002686-CAL6 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 22 16:30:18 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\062210\T0182.D (22 Jun 2010 14:36)

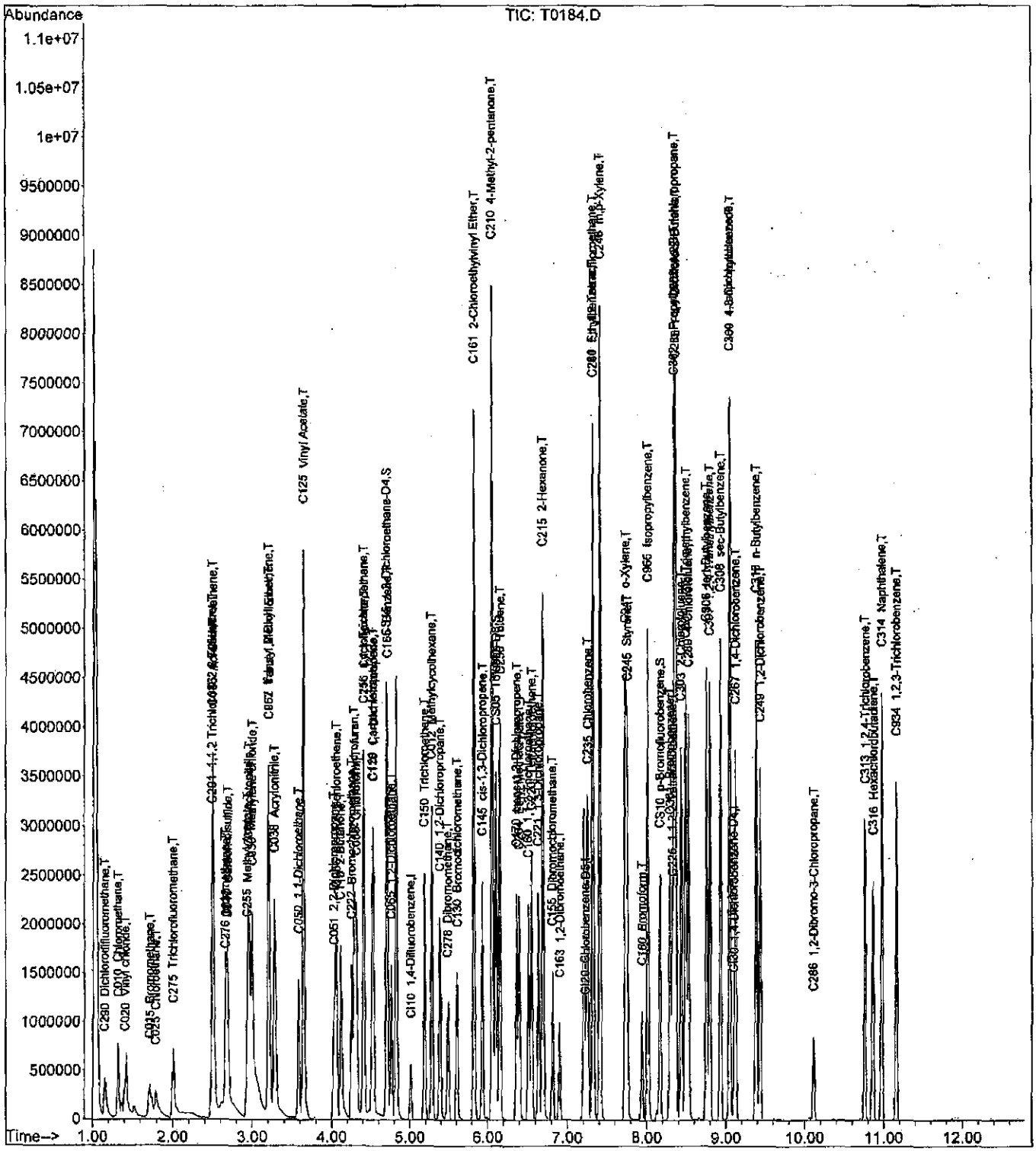
Internal Standards			R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcycolhexane	5.28	83	978279	103.52 ug/L		88
41)	C145	cis-1,3-Dichloroprop	5.93	75	969285	104.70 ug/L		99
44)	C230	Toluene	6.16	92	1392897	95.34 ug/L		96
45)	C170	trans-1,3-Dichloropr	6.37	75	943960	103.75 ug/L		98
46)	C284	Ethyl Methacrylate	6.40	69	861689	98.94 ug/L	#	62
47)	C160	1,1,2-Trichloroethan	6.51	83	478152	96.49 ug/L		97
48)	C210	4-Methyl-2-pentanone	6.06	43	4469406	469.88 ug/L		91
49)	C220	Tetrachloroethene	6.56	166	571664	98.60 ug/L		95
50)	C221	1,3-Dichloropropane	6.64	76	950507	97.80 ug/L		99
51)	C155	Dibromochloromethane	6.81	129	602360	104.98 ug/L		96
52)	C163	1,2-Dibromoethane	6.91	107	588265	98.79 ug/L		96
53)	C215	2-Hexanone	6.69	43	3203741	469.86 ug/L		91
54)	C235	Chlorobenzene	7.26	112	1494286	97.41 ug/L		95
55)	C281	1,1,1,2-Tetrachloroe	7.32	131	525076	97.84 ug/L		97
56)	C240	Ethylbenzene	7.32	91	2658546	98.17 ug/L		99
57)	C246	m,p-Xylene	7.42	106	1999636	196.69 ug/L		99
58)	C247	o-Xylene	7.74	106	978024	99.15 ug/L		98
59)	C245	Styrene	7.76	104	1648860	101.12 ug/L		99
62)	C180	Bromoform	7.94	173	413501	109.89 ug/L		97
63)	C966	Isopropylbenzene	8.02	105	2592015	98.11 ug/L		100
64)	C301	Bromobenzene	8.30	156	598202	97.37 ug/L		98
65)	C225	1,1,2,2-Tetrachloroe	8.33	83	836469	97.80 ug/L		100
66)	C282	1,2,3-Trichloropropa	8.36	110	221464	95.68 ug/L		100
67)	C283	t-1,4-Dichloro-2-But	8.37	53	1263723	583.35 ug/L	#	83
68)	C302	n-Propylbenzene	8.35	91	3316968	100.41 ug/L		99
69)	C303	2-Chlorotoluene	8.43	126	594517	96.43 ug/L		100
70)	C289	4-Chlorotoluene	8.52	126	605469	99.11 ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.49	105	2209199	98.53 ug/L		99
72)	C306	tert-Butylbenzene	8.75	134	432228	104.29 ug/L		100
73)	C307	1,2,4-Trimethylbenze	8.79	105	2226598	97.60 ug/L		100
74)	C308	sec-Butylbenzene	8.93	105	2770312	100.04 ug/L		100
75)	C260	1,3-Dichlorobenzene	9.05	146	1146498	97.10 ug/L		98
76)	C309	4-Isopropyltoluene	9.05	119	2229545	101.06 ug/L		99
77)	C267	1,4-Dichlorobenzene	9.13	146	1178806	96.91 ug/L		97
78)	C249	1,2-Dichlorobenzene	9.44	146	1125045	96.66 ug/L		94
79)	C310	n-Butylbenzene	9.38	91	2280425	100.98 ug/L		98
80)	C286	1,2-Dibromo-3-Chloro	10.11	75	199670	100.13 ug/L		88
81)	C313	1,2,4-Trichlorobenze	10.76	180	843918	96.19 ug/L		96
82)	C316	Hexachlorobutadiene	10.87	225	416185	98.98 ug/L		98
83)	C314	Naphthalene	10.97	128	2653822	98.83 ug/L		100
84)	C934	1,2,3-Trichlorobenze	11.16	180	832168	95.99 ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\062210\T0184.D Vial: 12
Acq On : 22 Jun 2010 15:25 Operator: LH
Sample : T002686-CAL6 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jun 22 16:30:18 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 15:44:56 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973G	Calibration:	R10G037
Lab File ID:	G0217.D	Calibration Date:	07/07/10 16:20
Sequence:	T003085	Injection Date:	07/11/10
Lab Sample ID:	T003085-CCV1	Injection Time:	20:37

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	24.6	0.53535	0.5269191		-1.6	100
1,1,2,2-Tetrachloroethane	A	25.0	25.9	0.8082358	0.8367346	0.3	3.5	100
1,1,2-Trichloroethane	A	25.0	25.8	0.459731	0.4753783		3.4	100
1,1,2-Trichlorotrifluoroethane	A	25.0	27.5	0.2743995	0.3013617		9.8	100
1,1-Dichloroethane	A	25.0	24.8	0.643519	0.6380219	0.1	-0.9	100
1,1-Dichloroethene	A	25.0	26.5	0.284915	0.3019637		6.0	20
1,2,4-Trichlorobenzene	A	25.0	25.4	1.158599	1.179283		1.8	100
1,2-Dibromo-3-chloropropane	A	25.0	24.4	0.1779916	0.173746		-2.4	100
1,2-Dibromoethane (EDB)	A	25.0	25.4	0.5799002	0.5886942		1.5	100
1,2-Dichlorobenzene	A	25.0	25.0	1.500378	1.500648		0.02	100
1,2-Dichloroethane	A	25.0	22.1	0.6077571	0.5380393		-11.5	100
1,2-Dichloroethane-d4	A	25.0	20.4	0.5149986	0.419884		-18.5	100
1,2-Dichloroethene, Total	A	50.0	52.4	0.3268711	0.3420493		4.6	100
1,2-Dichloropropane	A	25.0	24.9	0.3623844	0.3602862		-0.6	20
1,3-Dichlorobenzene	A	25.0	25.5	1.493993	1.524034		2.0	100
1,4-Dichlorobenzene	A	25.0	25.4	1.560494	1.587822		1.8	100
2-Butanone (MEK)	A	125	125	0.2537872	0.253997		0.08	100
2-Hexanone	A	125	129	0.7108834	0.7364308		3.6	100
4-Bromofluorobenzene	A	25.0	24.0	0.7529595	0.7233719		-3.9	100
4-Methyl-2-pentanone (MIBK)	A	125	129	0.9774326	1.00903		3.2	100
Acetone	A	125	121	0.1612594	0.1561209		-3.2	100
Benzene	A	25.0	26.0	1.345565	1.397914		3.9	100
Bromodichloromethane	A	25.0	24.0	0.4302701	0.4137824		-3.8	100
Bromoform	L0	25.0	21.0	0.3357923	0.3489506	0.1	-15.9	100
Bromomethane	A	25.0	23.9	0.2021481	0.1929731		-4.5	100
Carbon disulfide	A	25.0	27.3	0.9201394	1.00472		9.2	100
Carbon Tetrachloride	A	25.0	24.5	0.393773	0.3852124		-2.2	100
Chlorobenzene	A	25.0	26.0	1.667082	1.735552	0.3	4.1	100
Chlorodibromomethane	A	25.0	25.8	0.50759	0.5241329		3.3	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973G	Calibration:	R10G037
Lab File ID:	G0217.D	Calibration Date:	07/07/10 16:20
Sequence:	T003085	Injection Date:	07/11/10
Lab Sample ID:	T003085-CCV1	Injection Time:	20:37

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroethane	A	25.0	23.1	0.2302874	0.2129732		-7.5	100
Chloroform	A	25.0	24.0	0.6075124	0.582791		-4.1	20
Chloromethane	A	25.0	23.4	0.5189734	0.4846892	0.1	-6.6	100
cis-1,2-Dichloroethene	A	25.0	25.9	0.3421092	0.3540351		3.5	100
cis-1,3-Dichloropropene	A	25.0	25.6	0.5517765	0.5648676		2.4	100
Cyclohexane	A	25.0	27.9	0.6373392	0.7110266		11.6	100
Dichlorodifluoromethane	A	25.0	25.7	0.3633524	0.3733798		2.8	100
Ethylbenzene	A	25.0	26.3	2.961686	3.117253		5.3	20
Isopropylbenzene	A	25.0	26.1	3.167169	3.307744		4.4	100
Methyl Acetate	A	25.0	21.1	0.5197582	0.4380247		-15.7	100
Methyl tert-Butyl Ether	A	25.0	24.8	1.281142	1.273444		-0.6	100
Methylcyclohexane	A	25.0	28.8	0.5718619	0.6591012		15.3	100
Methylene Chloride	L0	25.0	25.7	0.3874909	0.3605142		2.7	100
Styrene	A	25.0	26.6	1.883429	2.005866		6.5	100
Tetrachloroethene	A	25.0	26.9	0.6514603	0.7005965		7.5	100
Toluene	A	25.0	26.6	1.532836	1.632045		6.5	20
Toluene-d8	A	25.0	25.2	2.305155	2.3264		0.9	100
trans-1,2-Dichloroethene	A	25.0	26.5	0.3116332	0.3300635		5.9	100
trans-1,3-Dichloropropene	A	25.0	25.5	0.9930256	1.013686		2.1	100
Trichloroethene	A	25.0	25.2	0.3349769	0.3372728		0.7	100
Trichlorofluoromethane	A	25.0	24.2	0.554829	0.5364792		-3.3	100
Vinyl chloride	A	25.0	24.3	0.4367085	0.4242295		-2.9	20
Xylenes, total	A	75.0	78.6	1.16361	1.21946		4.8	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0217.D Vial: 2
Acq On : 11 Jul 2010 20:37 Operator: NMD
Sample : T003085-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 20:58:23 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071010\G0189.D (10 Jul 2010 8:24)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.83	114	280749	25.00	ug/L	0.00 142.86%
42) CI20	Chlorobenzene-D5	8.73	82	151391	25.00	ug/L	0.00 138.48%
62) CI30	1,4-Dichlorobenzene-	11.09	152	148084	25.00	ug/L	0.00 140.49%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.44	65	117882	20.38	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	81.52%		
43) CS05	Toluene-D8	7.25	98	352196	25.23	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	100.92%		
61) CS10	p-Bromofluorobenzene	9.97	174	109512	24.02	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	96.08%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.52	85	104826	25.69	ug/L #	100
3) C010	Chloromethane	1.66	50	136076	23.35	ug/L	96
4) C020	Vinyl chloride	1.80	62	119102	24.29	ug/L	86
5) C015	Bromomethane	2.09	94	54177	23.87	ug/L	85
6) C025	Chloroethane	2.18	64	59792	23.12	ug/L	87
7) C275	Trichlorofluorometha	2.48	101	150616m	24.17	ug/L	99
8) C045	1,1-Dichloroethene	2.95	96	84776	26.50	ug/L	85
9) C030	Methylene chloride	3.47	84	101214	25.68	ug/L	97
10) C040	Carbon disulfide	3.16	76	282074	27.30	ug/L	100
11) C036	Acrolein	2.90	56	313858	539.14	ug/L	95
12) C038	Acrylonitrile	3.73	53	259711	131.73	ug/L	94
13) C035	Acetone	3.06	43	219154	121.02	ug/L	95
14) C300	Acetonitrile	3.37	41	782547	1104.59	ug/L	98
15) C276	Iodomethane	3.12	142	109476	26.31	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.98	101	84607	27.46	ug/L	95
17) C962	T-butyl Methyl Ether	3.70	73	357518	24.85	ug/L	90
18) C057	trans-1,2-Dichloroet	3.70	96	92665	26.48	ug/L	89
19) C255	Methyl Acetate	3.37	43	122975	21.07	ug/L	96
20) C050	1,1-Dichloroethane	4.12	63	179124	24.79	ug/L	98
21) C125	Vinyl Acetate	4.16	43	1378362	134.34	ug/L	99
22) C051	2,2-Dichloropropane	4.65	77	145203	25.19	ug/L	95
23) C056	cis-1,2-Dichloroethe	4.67	96	99395	25.87	ug/L	84
24) C272	Tetrahydrofuran	4.94	42	238601	125.08	ug/L	96
25) C222	Bromochloromethane	4.91	128	46789	25.00	ug/L #	80
26) C060	Chloroform	4.98	83	163618	23.98	ug/L	99
27) C115	1,1,1-Trichloroethan	5.11	97	147932	24.61	ug/L	98
28) C120	Carbon tetrachloride	5.26	117	108148	24.46	ug/L	97
29) C116	1,1-Dichloropropene	5.26	75	134367	25.27	ug/L	98
31) C165	Benzene	5.47	78	392463	25.97	ug/L	99
32) C065	1,2-Dichloroethane	5.51	62	151054	22.13	ug/L	97
33) C110	2-Butanone	4.70	43	356547	125.10	ug/L	98
34) C256	Cyclohexane	5.14	56	199620	27.89	ug/L	93
35) C150	Trichloroethene	6.08	95	94689	25.17	ug/L	96
36) C140	1,2-Dichloropropane	6.30	63	101150	24.86	ug/L	100
37) C278	Dibromomethane	6.44	93	56395	24.62	ug/L	95
38) C130	Bromodichloromethane	6.59	83	116169	24.04	ug/L	99
39) C161	2-Chloroethylvinyl E	6.86	63	375426	130.73	ug/L	98

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0217.D Vial: 2
Acq On : 11 Jul 2010 20:37 Operator: NMD
Sample : T003085-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 20:58:23 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071010\G0189.D (10 Jul 2010 8:24)

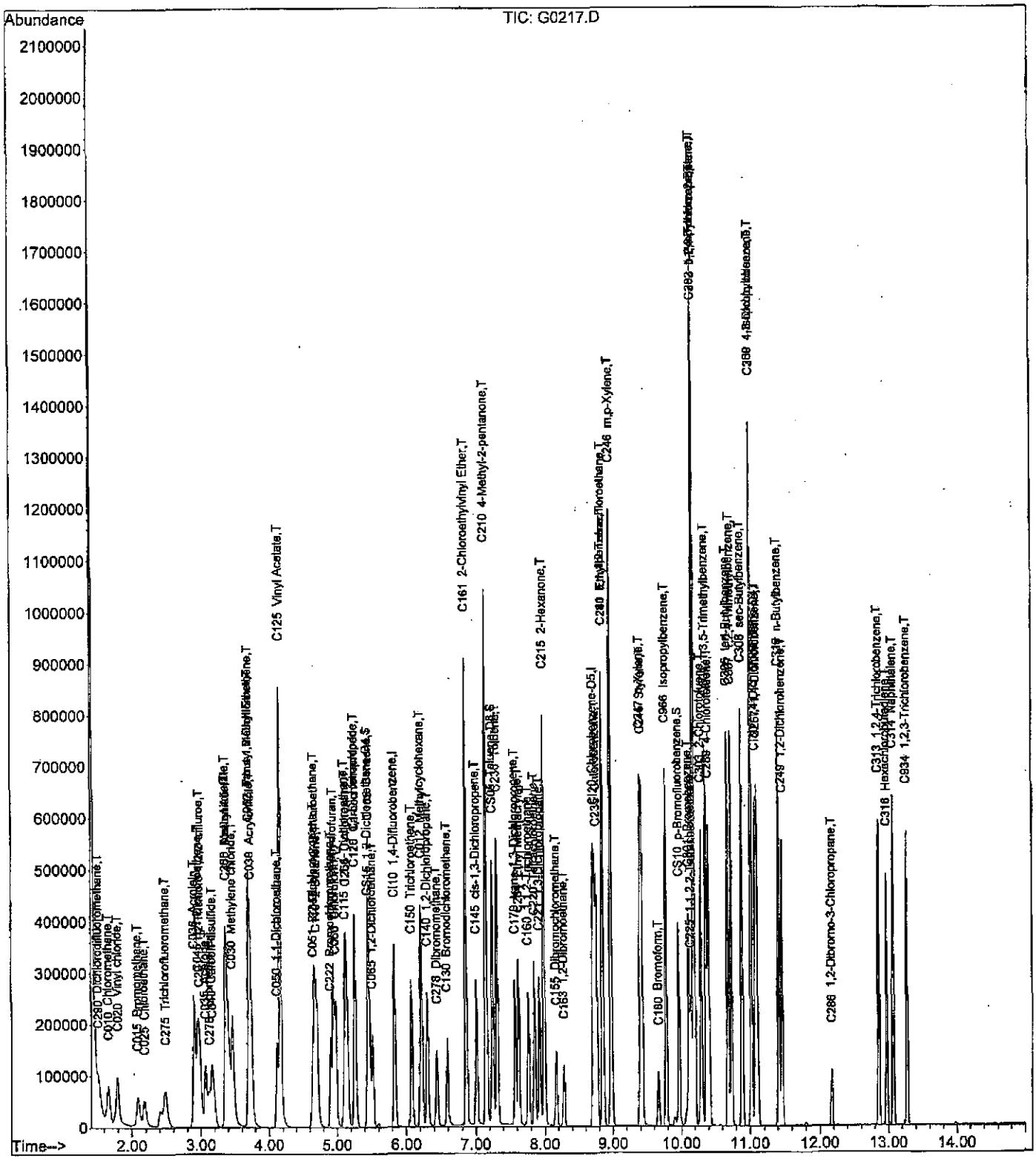
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.22	83	185042	28.81	ug/L		94
41)	C145	cis-1,3-Dichloroprop	7.01	75	158586	25.59	ug/L		98
44)	C230	Toluene	7.31	92	247077	26.62	ug/L		96
45)	C170	trans-1,3-Dichloropr	7.57	75	153463	25.52	ug/L		99
46)	C284	Ethyl Methacrylate	7.62	69	156844	27.79	ug/L	#	92
47)	C160	1,1,2-Trichloroethan	7.76	83	71968	25.85	ug/L		97
48)	C210	4-Methyl-2-pentanone	7.15	43	763790	129.04	ug/L		99
49)	C220	Tetrachloroethene	7.86	166	106064	26.89	ug/L		96
50)	C221	1,3-Dichloropropane	7.92	76	165895	25.59	ug/L		99
51)	C155	Dibromochloromethane	8.17	129	79349	25.81	ug/L		97
52)	C163	1,2-Dibromoethane	8.28	107	89123	25.38	ug/L		100
53)	C215	2-Hexanone	7.99	43	557445	129.49	ug/L		99
54)	C235	Chlorobenzene	8.76	112	262747	26.03	ug/L		96
55)	C281	1,1,1,2-Tetrachloroe	8.86	131	83518	25.84	ug/L		98
56)	C240	Ethylbenzene	8.86	91	471924	26.31	ug/L		98
57)	C246	m,p-Xylene	8.98	106	372724	52.53	ug/L		99
58)	C247	o-Xylene	9.40	106	181122	26.06	ug/L		99
59)	C245	Styrene	9.43	104	303670	26.63	ug/L		100
60)	C180	Bromoform	9.67	173	51674	21.03	ug/L		97
63)	C966	Isopropylbenzene	9.78	105	489824	26.11	ug/L		97
64)	C301	Bromobenzene	10.12	156	114979	25.03	ug/L		96
65)	C225	1,1,2,2-Tetrachloroe	10.15	83	123907	25.88	ug/L		99
66)	C282	1,2,3-Trichloropropa	10.18	110	38710	24.36	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	10.19	51	116270	114.80	ug/L	#	62
68)	C302	n-Propylbenzene	10.20	91	591321	26.13	ug/L		93
69)	C303	2-Chlorotoluene	10.30	126	107417	25.44	ug/L		100
70)	C289	4-Chlorotoluene	10.40	126	109132	25.15	ug/L		100
71)	C304	1,3,5-Trimethylbenze	10.37	105	420823	25.93	ug/L		94
72)	C306	tert-Butylbenzene	10.68	134	89670	26.40	ug/L	#	88
73)	C307	1,2,4-Trimethylbenze	10.73	105	422414	25.82	ug/L		94
74)	C308	sec-Butylbenzene	10.89	105	539274	26.94	ug/L		95
75)	C260	1,3-Dichlorobenzene	11.03	146	225685	25.50	ug/L		98
76)	C309	4-Isopropyltoluene	11.03	119	442033	26.80	ug/L		98
77)	C267	1,4-Dichlorobenzene	11.11	146	235131	25.44	ug/L		98
78)	C249	1,2-Dichlorobenzene	11.46	146	222222	25.00	ug/L		98
79)	C310	n-Butylbenzene	11.41	91	404494	26.90	ug/L		97
80)	C286	1,2-Dibromo-3-Chloro	12.17	75	25729	24.40	ug/L		79
81)	C313	1,2,4-Trichlorobenze	12.85	180	174633	25.45	ug/L		100
82)	C316	Hexachlorobutadiene	12.97	225	93542	26.28	ug/L		97
83)	C314	Naphthalene	13.07	128	459816	26.26	ug/L		97
84)	C934	1,2,3-Trichlorobenze	13.27	180	168070	24.84	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0217.D Vial: 2
Acq On : 11 Jul 2010 20:37 Operator: NMD
Sample : T003085-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 11 20:58:23 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Initial Calibration
DataAcq Meth : VOA

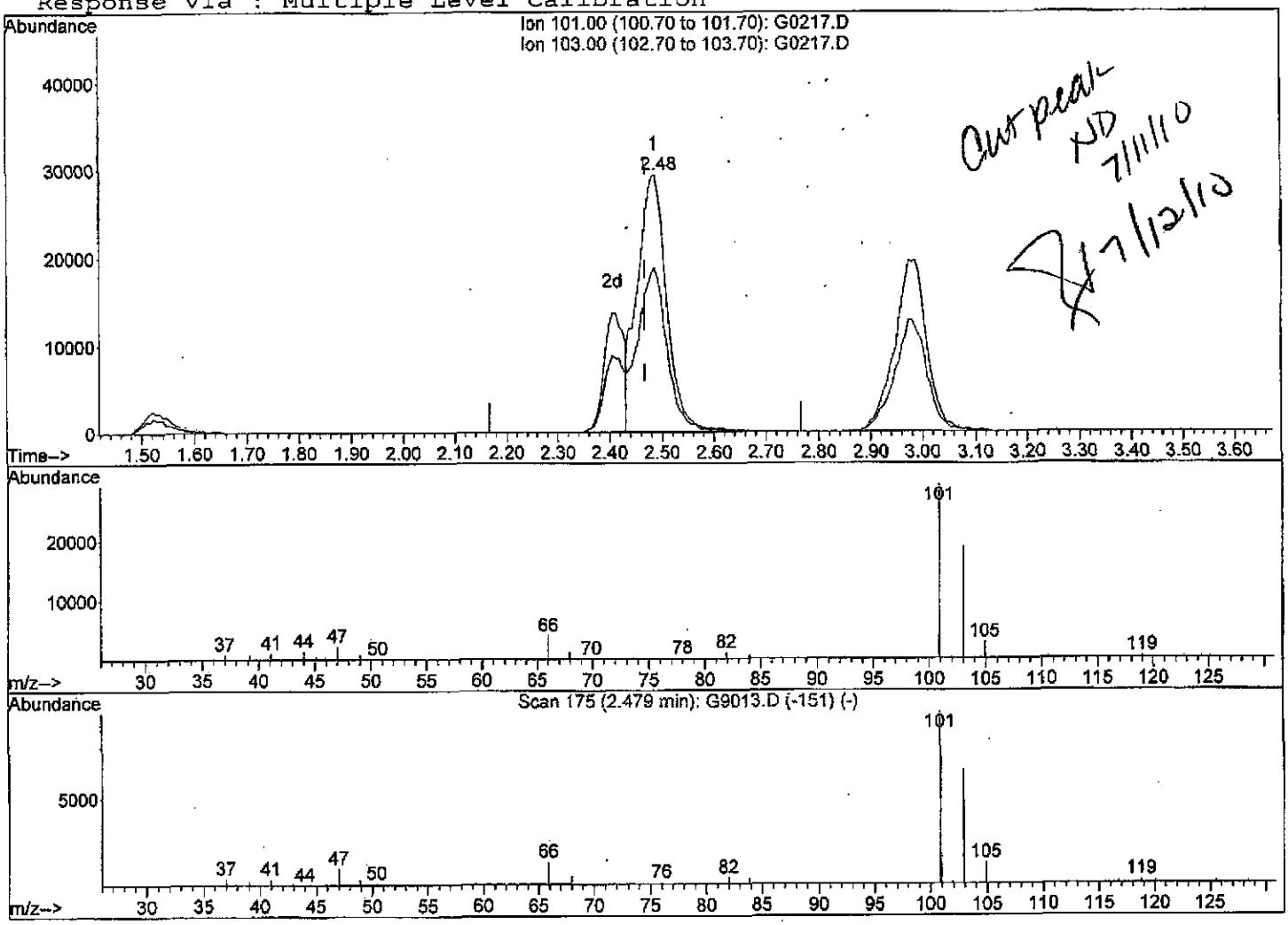


Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\071110\G0217.D
Acq On : 11 Jul 2010 20:37
Sample : T003085-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 11 20:58:03 2010

Vial: 2
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Multiple Level Calibration



Our peak ND 7/11/10 7/12/10

TIC: G0217.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.018) 18.45ug/L

response 114928

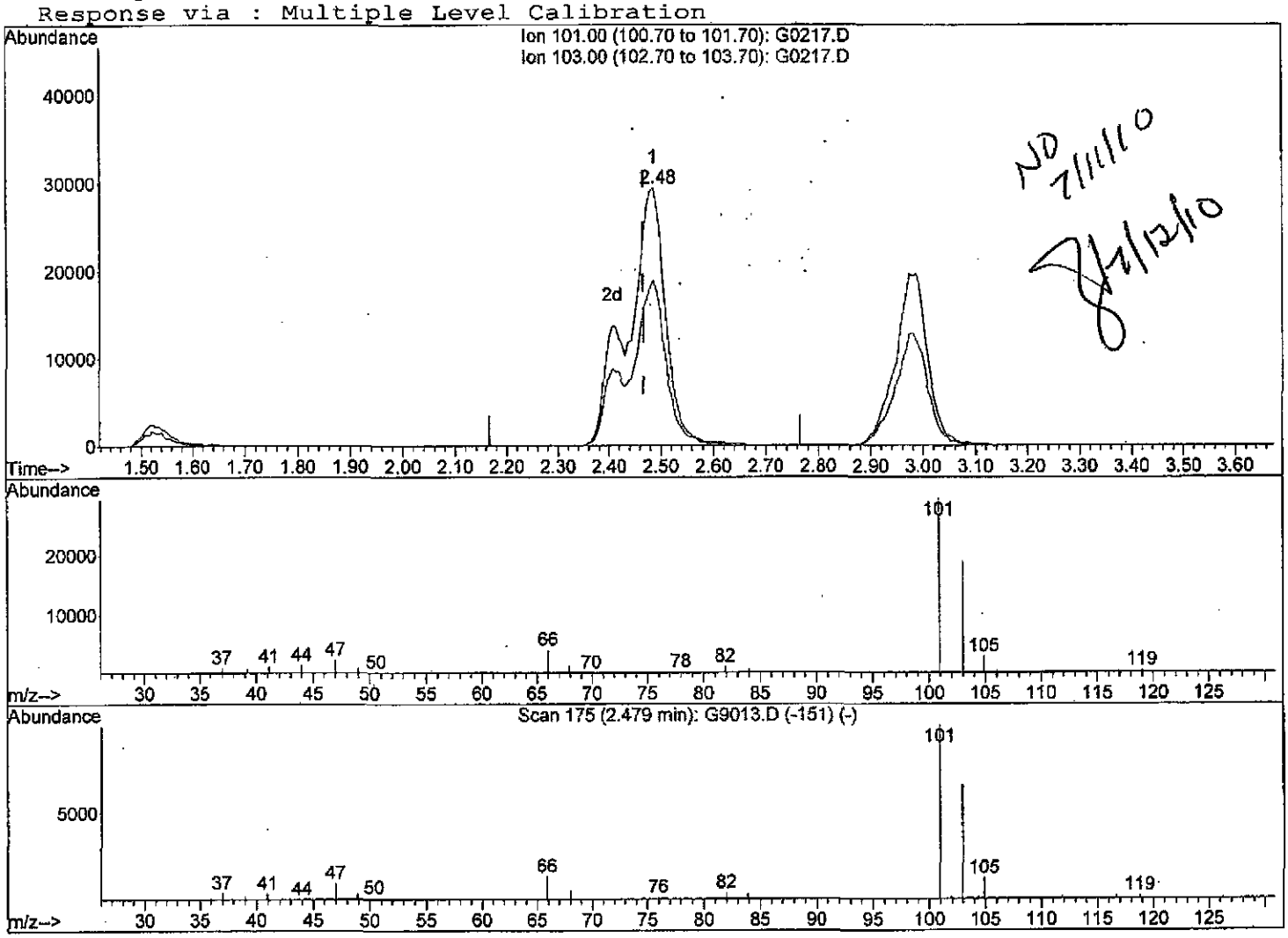
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	64.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\071110\G0217.D
Acq On : 11 Jul 2010 20:37
Sample : T003085-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 11 20:58:03 2010

Vial: 2
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Multiple Level Calibration



ND 7/11/10

7/12/10

TIC: G0217.D

(7) C275 Trichlorofluoromethane (T)

2.48min (+0.018) 24.17ug/L m

response 150616

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	64.26
0.00	0.00	0.00
0.00	0.00	0.00

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5975T	Calibration:	R10F094
Lab File ID:	T0722.D	Calibration Date:	06/22/10 13:25
Sequence:	T003056	Injection Date:	07/09/10
Lab Sample ID:	T003056-CCV1	Injection Time:	10:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	27.3	0.6356104	0.6951563		9.4	100
1,1,2,2-Tetrachloroethane	A	25.0	24.9	1.435186	1.428713	0.3	-0.5	100
1,1,2-Trichloroethane	A	25.0	26.0	0.4342161	0.4518638		4.1	100
1,1,2-Trichlorotrifluoroethane	A	25.0	35.7	0.2582769	0.3686347		42.7	100
1,1-Dichloroethane	A	25.0	26.9	0.8759799	0.9439475	0.1	7.8	100
1,1-Dichloroethene	A	25.0	29.2	0.3732127	0.4352025		16.6	20
1,2,4-Trichlorobenzene	A	25.0	25.0	1.472133	1.475116		0.2	100
1,2-Dibromo-3-chloropropane	A	25.0	20.1	0.3346196	0.2687907		-19.7	100
1,2-Dibromoethane (EDB)	A	25.0	25.1	0.5217393	0.5246165		0.6	100
1,2-Dichlorobenzene	A	25.0	25.4	1.952932	1.984019		1.6	100
1,2-Dichloroethane	A	25.0	26.7	0.7580017	0.8087598		6.7	100
1,2-Dichloroethane-d4	A	25.0	22.0	0.532881	0.4683246		-12.1	100
1,2-Dichloroethene, Total	A	50.0	53.7	0.4633157	0.4973315		7.3	100
1,2-Dichloropropane	A	25.0	27.0	0.4865152	0.5244581		7.8	20
1,3-Dichlorobenzene	A	25.0	26.3	1.981344	2.086669		5.3	100
1,4-Dichlorobenzene	A	25.0	25.9	2.041102	2.115007		3.6	100
2-Butanone (MEK)	A	125	124	0.3601087	0.3579129		-0.6	100
2-Hexanone	A	125	124	0.5974751	0.5940318		-0.6	100
4-Bromofluorobenzene	A	25.0	21.6	0.4556153	0.3940409		-13.5	100
4-Methyl-2-pentanone (MIBK)	A	125	123	0.8334453	0.8187563		-1.8	100
Acetone	A	125	105	0.2480679	0.2075488		-16.3	100
Benzene	A	25.0	26.7	1.813363	1.933503		6.6	100
Bromodichloromethane	A	25.0	24.8	0.5970391	0.5933141		-0.6	100
Bromoform	A	25.0	23.0	0.6314253	0.5804113	0.1	-8.1	100
Bromomethane	L0	25.0	29.7	0.3244065	0.3183625		18.8	100
Carbon disulfide	A	25.0	26.2	1.273696	1.336532		4.9	100
Carbon Tetrachloride	A	25.0	26.1	0.5537976	0.5787661		4.5	100
Chlorobenzene	A	25.0	26.1	1.344154	1.401374	0.3	4.3	100
Chlorodibromomethane	A	25.0	23.7	0.502756	0.4760608		-5.3	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5975T	Calibration:	R10F094
Lab File ID:	T0722.D	Calibration Date:	06/22/10 13:25
Sequence:	T003056	Injection Date:	07/09/10
Lab Sample ID:	T003056-CCV1	Injection Time:	10:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroethane	A	25.0	28.8	0.3172188	0.3651134		15.1	100
Chloroform	A	25.0	26.0	0.8386378	0.8721754		4.0	20
Chloromethane	A	25.0	28.0	0.5715611	0.6391264	0.1	11.8	100
cis-1,2-Dichloroethene	A	25.0	26.9	0.4785353	0.5150593		7.6	100
cis-1,3-Dichloropropene	A	25.0	26.1	0.6960803	0.7265695		4.4	100
Cyclohexane	A	25.0	32.4	0.6755808	0.8750785		29.5	100
Dichlorodifluoromethane	A	25.0	29.8	0.4404309	0.524348		19.1	100
Ethylbenzene	A	25.0	26.8	2.37295	2.547181		7.3	20
Isopropylbenzene	A	25.0	27.2	4.433246	4.830286		9.0	100
Methyl Acetate	A	25.0	16.3	0.9466057	0.6165876		-34.9	100
Methyl tert-Butyl Ether	A	25.0	24.9	1.236577	1.232068		-0.4	100
Methylcyclohexane	A	25.0	28.5	0.7105466	0.8111289		14.2	100
Methylene Chloride	A	25.0	26.1	0.4948043	0.5160982		4.3	100
Styrene	A	25.0	26.1	1.428782	1.493658		4.5	100
Tetrachloroethene	A	25.0	27.3	0.5080357	0.5540735		9.1	100
Toluene	A	25.0	26.0	1.280141	1.333723		4.2	20
Toluene-d8	A	25.0	21.9	1.643345	1.439052		-12.4	100
trans-1,2-Dichloroethene	A	25.0	26.8	0.4480961	0.4796037		7.0	100
trans-1,3-Dichloropropene	A	25.0	24.5	0.7972073	0.7806319		-2.1	100
Trichloroethene	A	25.0	26.7	0.4698791	0.5017153		6.8	100
Trichlorofluoromethane	A	25.0	31.7	0.5410381	0.6866379		26.9	100
Vinyl chloride	A	25.0	28.4	0.5016702	0.5705843		13.7	20
Xylenes, total	A	75.0	78.9	0.8819786	0.9273928		5.1	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0722.D
Acq On : 9 Jul 2010 10:23
Sample : T003056-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:06:54 2010

Vial: 2
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 13:49:27 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070810\T0698.D (8 Jul 2010 11:57)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	308978	25.00	ug/L		0.00 108.16%
42) CI20	Chlorobenzene-D5	7.23	117	265777	25.00	ug/L		0.00 105.92%
61) CI30	1,4-Dichlorobenzene-	9.10	152	137661	25.00	ug/L		0.00 105.37%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	144702	21.97	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	87.88%		
43) CS05	Toluene-D8	6.11	98	382467	21.89	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	87.56%		
60) CS10	p-Bromofluorobenzene	8.17	174	104727	21.62	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	86.48%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	162012	29.76	ug/L		96
3) C010	Chloromethane	1.32	50	197476	27.96	ug/L		98
4) C020	Vinyl chloride	1.40	62	176298	28.43	ug/L		100
5) C015	Bromomethane	1.71	94	98367	29.70	ug/L		99
6) C025	Chloroethane	1.79	64	112812	28.77	ug/L		99
7) C275	Trichlorofluorometha	2.01	101	212156	31.73	ug/L		98
8) C045	1,1-Dichloroethene	2.50	96	134468	29.15	ug/L		91
9) C030	Methylene chloride	3.00	84	159463	26.08	ug/L	#	76
10) C040	Carbon disulfide	2.68	76	412959	26.23	ug/L		99
11) C036	Acrolein	2.49	56	229077	323.62	ug/L		99
12) C038	Acrylonitrile	3.28	53	388592	116.22	ug/L		97
13) C035	Acetone	2.66	43	320640	104.58	ug/L		92
14) C300	Acetonitrile	2.95	41	902776	953.26	ug/L		99
15) C276	Iodomethane	2.66	142	169884	30.42	ug/L		95
16) C291	1,1,2 Trichloro-1,2,	2.49	101	113900	35.68	ug/L		99
17) C962	T-butyl Methyl Ether	3.21	73	380682	24.91	ug/L		93
18) C057	trans-1,2-Dichloroet	3.20	96	148187	26.76	ug/L		92
19) C255	Methyl Acetate	2.93	43	190512	16.28	ug/L	#	86
20) C050	1,1-Dichloroethane	3.58	63	291659	26.94	ug/L		98
21) C125	Vinyl Acetate	3.64	43	1941384	153.33	ug/L	#	93
22) C051	2,2-Dichloropropane	4.03	77	181465	26.36	ug/L		99
23) C056	cis-1,2-Dichloroethe	4.06	96	159142	26.91	ug/L	#	83
24) C272	Tetrahydrofuran	4.30	42	322571	121.22	ug/L	#	79
25) C222	Bromochloromethane	4.25	128	74617	26.03	ug/L	#	78
26) C060	Chloroform	4.32	83	269483	26.00	ug/L		97
27) C115	1,1,1-Trichloroethan	4.41	97	214788	27.34	ug/L		97
28) C120	Carbon tetrachloride	4.51	117	178826	26.13	ug/L		96
29) C116	1,1-Dichloropropene	4.53	75	211972	27.00	ug/L		98
31) C165	Benzene	4.70	78	597410	26.66	ug/L		98
32) C065	1,2-Dichloroethane	4.76	62	249889	26.67	ug/L		93
33) C110	2-Butanone	4.11	43	552936	124.24	ug/L	#	89
34) C256	Cyclohexane	4.41	56	270380	32.38	ug/L		92
35) C150	Trichloroethene	5.19	95	155019	26.69	ug/L		97
36) C140	1,2-Dichloropropane	5.38	63	162046	26.95	ug/L		98
37) C278	Dibromomethane	5.49	93	97893	25.47	ug/L		92
38) C130	Bromodichloromethane	5.61	83	183321	24.84	ug/L		95
39) C161	2-Chloroethylvinyl E	5.83	63	518472	122.11	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0722.D
Acq On : 9 Jul 2010 10:23
Sample : T003056-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:06:54 2010

Vial: 2
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 13:49:27 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070810\T0698.D (8 Jul 2010 11:57)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	250621	28.54 ug/L	89
41) C145	cis-1,3-Dichloroprop	5.93	75	224494	26.10 ug/L	98
44) C230	Toluene	6.15	92	354473	26.05 ug/L	99
45) C170	trans-1,3-Dichloropr	6.37	75	207474	24.48 ug/L	98
46) C284	Ethyl Methacrylate	6.40	69	210334	25.93 ug/L #	76
47) C160	1,1,2-Trichloroethan	6.51	83	120095	26.02 ug/L	96
48) C210	4-Methyl-2-pentanone	6.06	43	1088033	122.80 ug/L	92
49) C220	Tetrachloroethene	6.56	166	147260	27.27 ug/L	97
50) C221	1,3-Dichloropropane	6.64	76	232853	25.72 ug/L	99
51) C155	Dibromochloromethane	6.81	129	126526	23.67 ug/L	93
52) C163	1,2-Dibromoethane	6.90	107	139431	25.14 ug/L	99
53) C215	2-Hexanone	6.69	43	789400	124.28 ug/L	91
54) C235	Chlorobenzene	7.26	112	372453	26.06 ug/L	96
55) C281	1,1,1,2-Tetrachloroe	7.32	131	119548	23.91 ug/L	97
56) C240	Ethylbenzene	7.32	91	676982	26.84 ug/L	99
57) C246	m,p-Xylene	7.42	106	496554	52.43 ug/L	98
58) C247	o-Xylene	7.73	106	242885	26.43 ug/L	91
59) C245	Styrene	7.76	104	396980	26.14 ug/L	100
62) C180	Bromoform	7.94	173	79900	22.98 ug/L	94
63) C966	Isopropylbenzene	8.02	105	664942	27.24 ug/L	99
64) C301	Bromobenzene	8.30	156	149887	26.41 ug/L	91
65) C225	1,1,2,2-Tetrachloroe	8.32	83	196678	24.89 ug/L	99
66) C282	1,2,3-Trichloropropa	8.36	110	52799	24.69 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.36	53	192597	96.22 ug/L	88
68) C302	n-Propylbenzene	8.35	91	814822	26.70 ug/L	100
69) C303	2-Chlorotoluene	8.43	126	150101	26.35 ug/L	100
70) C289	4-Chlorotoluene	8.52	126	150940	26.74 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.48	105	546867	26.40 ug/L	99
72) C306	tert-Butylbenzene	8.75	134	102643	26.81 ug/L	100
73) C307	1,2,4-Trimethylbenze	8.79	105	553405	26.26 ug/L	99
74) C308	sec-Butylbenzene	8.93	105	698349	27.29 ug/L	99
75) C260	1,3-Dichlorobenzene	9.05	146	287253	26.33 ug/L	99
76) C309	4-Isopropyltoluene	9.04	119	557032	27.33 ug/L	97
77) C267	1,4-Dichlorobenzene	9.13	146	291154	25.91 ug/L	98
78) C249	1,2-Dichlorobenzene	9.44	146	273122	25.40 ug/L	96
79) C310	n-Butylbenzene	9.38	91	566538	27.15 ug/L	99
80) C286	1,2-Dibromo-3-Chloro	10.11	75	37002	20.08 ug/L	91
81) C313	1,2,4-Trichlorobenze	10.75	180	203066	25.05 ug/L	94
82) C316	Hexachlorobutadiene	10.87	225	105030	27.04 ug/L	97
83) C314	Naphthalene	10.97	128	572033	23.06 ug/L	100
84) C934	1,2,3-Trichlorobenze	11.16	180	193421	24.15 ug/L	95

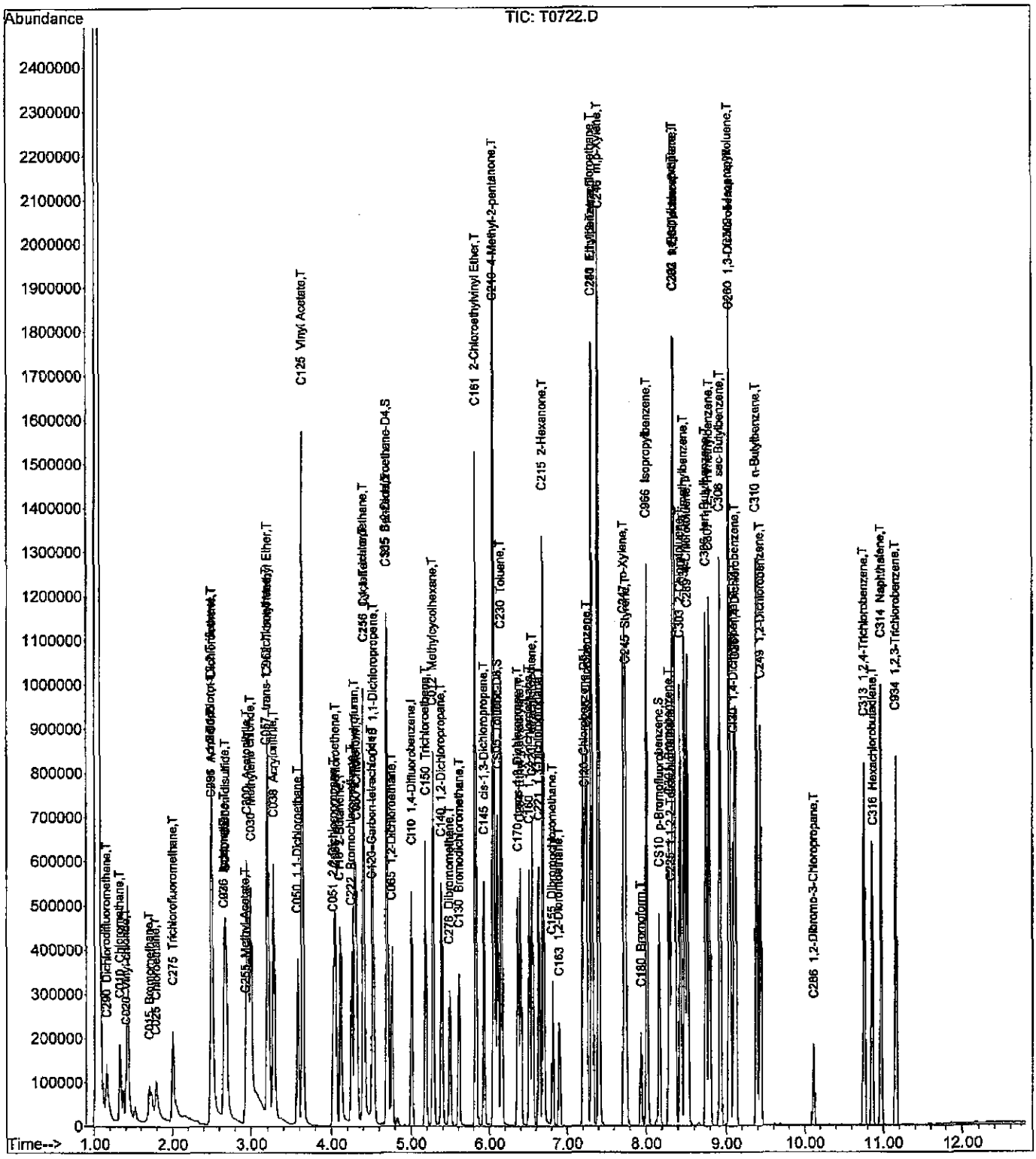
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0722.D
Acq On : 9 Jul 2010 10:23
Sample : T003056-CCV1
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:06:54 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 13:49:27 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5975T	Calibration:	R10F094
Lab File ID:	T0753.D	Calibration Date:	06/22/10 13:25
Sequence:	T003080	Injection Date:	07/10/10
Lab Sample ID:	T003080-CCV1	Injection Time:	09:56

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	24.1	0.6356104	0.611665		-3.8	100
1,1,2,2-Tetrachloroethane	A	25.0	23.4	1.435186	1.342489	0.3	-6.5	100
1,1,2-Trichloroethane	A	25.0	24.1	0.4342161	0.4182891		-3.7	100
1,1,2-Trichlorotrifluoroethane	A	25.0	31.7	0.2582769	0.327935		27.0	100
1,1-Dichloroethane	A	25.0	24.2	0.8759799	0.8494567	0.1	-3.0	100
1,1-Dichloroethene	A	25.0	26.5	0.3732127	0.3954767		6.0	20
1,2,4-Trichlorobenzene	A	25.0	22.3	1.472133	1.31276		-10.8	100
1,2-Dibromo-3-chloropropane	A	25.0	19.3	0.3346196	0.2586855		-22.7	100
1,2-Dibromoethane (EDB)	A	25.0	23.5	0.5217393	0.4900672		-6.1	100
1,2-Dichlorobenzene	A	25.0	23.5	1.952932	1.833158		-6.1	100
1,2-Dichloroethane	A	25.0	24.7	0.7580017	0.7482335		-1.3	100
1,2-Dichloroethane-d4	A	25.0	22.3	0.532881	0.4762066		-10.6	100
1,2-Dichloroethene, Total	A	50.0	46.9	0.4633157	0.4342642		-6.3	100
1,2-Dichloropropane	A	25.0	24.6	0.4865152	0.4784389		-1.7	20
1,3-Dichlorobenzene	A	25.0	24.0	1.981344	1.899892		-4.1	100
1,4-Dichlorobenzene	A	25.0	23.9	2.041102	1.954915		-4.2	100
2-Butanone (MEK)	A	125	114	0.3601087	0.329425		-8.5	100
2-Hexanone	A	125	117	0.5974751	0.5595384		-6.3	100
4-Bromofluorobenzene	A	25.0	21.5	0.4556153	0.3921244		-13.9	100
4-Methyl-2-pentanone (MIBK)	A	125	114	0.8334453	0.7613326		-8.7	100
Acetone	A	125	107	0.2480679	0.21174		-14.6	100
Benzene	A	25.0	24.1	1.813363	1.748309		-3.6	100
Bromodichloromethane	A	25.0	22.9	0.5970391	0.5461439		-8.5	100
Bromoform	A	25.0	21.3	0.6314253	0.5379223	0.1	-14.8	100
Bromomethane	L0	25.0	26.0	0.3244065	0.2787995		4.0	100
Carbon disulfide	A	25.0	22.2	1.273696	1.131045		-11.2	100
Carbon Tetrachloride	A	25.0	22.7	0.5537976	0.5031277		-9.1	100
Chlorobenzene	A	25.0	23.7	1.344154	1.275783	0.3	-5.1	100
Chlorodibromomethane	A	25.0	21.7	0.502756	0.437204		-13.0	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5975T	Calibration:	R10F094
Lab File ID:	T0753.D	Calibration Date:	06/22/10 13:25
Sequence:	T003080	Injection Date:	07/10/10
Lab Sample ID:	T003080-CCV1	Injection Time:	09:56

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroethane	A	25.0	25.0	0.3172188	0.317708		0.2	100
Chloroform	A	25.0	23.6	0.8386378	0.7915885		-5.6	20
Chloromethane	A	25.0	23.8	0.5715611	0.5440386	0.1	-4.8	100
cis-1,2-Dichloroethene	A	25.0	23.4	0.4785353	0.4476188		-6.5	100
cis-1,3-Dichloropropene	A	25.0	23.1	0.6960803	0.6427755		-7.7	100
Cyclohexane	A	25.0	28.3	0.6755808	0.764731		13.2	100
Dichlorodifluoromethane	A	25.0	23.8	0.4404309	0.4198478		-4.7	100
Ethylbenzene	A	25.0	24.4	2.37295	2.318116		-2.3	20
Isopropylbenzene	A	25.0	24.1	4.433246	4.266441		-3.8	100
Methyl Acetate	A	25.0	15.6	0.9466057	0.5927083		-37.4	100
Methyl tert-Butyl Ether	A	25.0	21.4	1.236577	1.055981		-14.6	100
Methylcyclohexane	A	25.0	25.0	0.7105466	0.7120715		0.2	100
Methylene Chloride	A	25.0	23.3	0.4948043	0.4615634		-6.7	100
Styrene	A	25.0	24.1	1.428782	1.378618		-3.5	100
Tetrachloroethene	A	25.0	24.9	0.5080357	0.5066879		-0.3	100
Toluene	A	25.0	23.8	1.280141	1.2176		-4.9	20
Toluene-d8	A	25.0	22.3	1.643345	1.464988		-10.9	100
trans-1,2-Dichloroethene	A	25.0	23.5	0.4480961	0.4209095		-6.1	100
trans-1,3-Dichloropropene	A	25.0	22.7	0.7972073	0.7235878		-9.2	100
Trichloroethene	A	25.0	24.0	0.4698791	0.4507526		-4.1	100
Trichlorofluoromethane	A	25.0	27.8	0.5410381	0.6008542		11.1	100
Vinyl chloride	A	25.0	24.2	0.5016702	0.4857681		-3.2	20
Xylenes, total	A	75.0	71.8	0.8819786	0.8447355		-4.2	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0753.D
Acq On : 10 Jul 2010 9:56
Sample : T003080-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:13:28 2010

Vial: 1
Operator: NMD
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	330596	25.00	ug/L		0.00
								107.00%
42) CI20	Chlorobenzene-D5	7.23	117	282900	25.00	ug/L		0.00
								106.44%
61) CI30	1,4-Dichlorobenzene-	9.10	152	147631	25.00	ug/L		0.00
								107.24%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.70	65	157432	22.34	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	89.36%			
43) CS05	Toluene-D8	6.11	98	414445	22.29	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.16%			
60) CS10	p-Bromofluorobenzene	8.17	174	110932	21.52	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.08%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.16	85	138800	23.83	ug/L		98
3) C010	Chloromethane	1.32	50	179857	23.80	ug/L		94
4) C020	Vinyl chloride	1.41	62	160593	24.21	ug/L		96
5) C015	Bromomethane	1.71	94	92170	26.01	ug/L		96
6) C025	Chloroethane	1.79	64	105033	25.04	ug/L		94
7) C275	Trichlorofluorometha	2.01	101	198640	27.76	ug/L		99
8) C045	1,1-Dichloroethene	2.50	96	130743	26.49	ug/L		91
9) C030	Methylene chloride	3.00	84	152591	23.32	ug/L	#	76
10) C040	Carbon disulfide	2.68	76	373919	22.20	ug/L		100
11) C036	Acrolein	2.49	56	270310	356.90	ug/L		100
12) C038	Acrylonitrile	3.28	53	404085	112.95	ug/L		99
13) C035	Acetone	2.66	43	350002	106.69	ug/L		92
14) C300	Acetonitrile	2.95	41	973656	960.88	ug/L		100
15) C276	Iodomethane	2.66	142	161733	27.06	ug/L		94
16) C291	1,1,2 Trichloro-1,2,	2.49	101	108414	31.74	ug/L		96
17) C962	T-butyl Methyl Ether	3.21	73	349103	21.35	ug/L		94
18) C057	trans-1,2-Dichloroet	3.20	96	139151	23.48	ug/L		89
19) C255	Methyl Acetate	2.93	43	195947	15.65	ug/L	#	87
20) C050	1,1-Dichloroethane	3.58	63	280827	24.24	ug/L		100
21) C125	Vinyl Acetate	3.63	43	1902874	140.46	ug/L	#	94
22) C051	2,2-Dichloropropane	4.03	77	164836	22.38	ug/L		99
23) C056	cis-1,2-Dichloroethe	4.05	96	147981	23.38	ug/L		97
24) C272	Tetrahydrofuran	4.29	42	332988	116.95	ug/L	#	81
25) C222	Bromochloromethane	4.25	128	74396	24.26	ug/L	#	76
26) C060	Chloroform	4.32	83	261696	23.60	ug/L		98
27) C115	1,1,1-Trichloroethan	4.41	97	202214	24.06	ug/L		97
28) C120	Carbon tetrachloride	4.51	117	166332	22.71	ug/L		96
29) C116	1,1-Dichloropropene	4.53	75	200464	23.87	ug/L		99
31) C165	Benzene	4.70	78	577984	24.10	ug/L		99
32) C065	1,2-Dichloroethane	4.76	62	247363	24.68	ug/L		94
33) C110	2-Butanone	4.11	43	544533	114.35	ug/L	#	87
34) C256	Cyclohexane	4.41	56	252817	28.30	ug/L		91
35) C150	Trichloroethene	5.19	95	149017	23.98	ug/L		97
36) C140	1,2-Dichloropropane	5.38	63	158170	24.58	ug/L		98
37) C278	Dibromomethane	5.49	93	98725	24.01	ug/L		93
38) C130	Bromodichloromethane	5.60	83	180553	22.87	ug/L		100
39) C161	2-Chloroethylvinyl E	5.83	63	497209	109.45	ug/L	#	86

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0753.D
Acq On : 10 Jul 2010 9:56
Sample : T003080-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:13:28 2010

Vial: 1
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.28	83	235408	25.05 ug/L	90
41) C145	cis-1,3-Dichloroprop	5.93	75	212499	23.09 ug/L	98
44) C230	Toluene	6.15	92	344459	23.78 ug/L	97
45) C170	trans-1,3-Dichloropr	6.37	75	204703	22.69 ug/L	98
46) C284	Ethyl Methacrylate	6.40	69	209733	24.29 ug/L #	71
47) C160	1,1,2-Trichloroethan	6.51	83	118334	24.08 ug/L	99
48) C210	4-Methyl-2-pentanone	6.06	43	1076905	114.18 ug/L	91
49) C220	Tetrachloroethene	6.56	166	143342	24.93 ug/L	98
50) C221	1,3-Dichloropropane	6.64	76	235848	24.48 ug/L	96
51) C155	Dibromochloromethane	6.81	129	123685	21.74 ug/L	97
52) C163	1,2-Dibromoethane	6.90	107	138640	23.48 ug/L	97
53) C215	2-Hexanone	6.69	43	791467	117.06 ug/L	92
54) C235	Chlorobenzene	7.25	112	360919	23.73 ug/L	98
55) C281	1,1,1,2-Tetrachloroe	7.32	131	116750	21.94 ug/L	96
56) C240	Ethylbenzene	7.32	91	655795	24.42 ug/L	100
57) C246	m,p-Xylene	7.41	106	481438	47.76 ug/L	92
58) C247	o-Xylene	7.73	106	235489	24.08 ug/L	92
59) C245	Styrene	7.75	104	390011	24.12 ug/L	93
62) C180	Bromoform	7.94	173	79414	21.30 ug/L	98
63) C966	Isopropylbenzene	8.02	105	629859	24.06 ug/L	99
64) C301	Bromobenzene	8.30	156	143524	23.58 ug/L	94
65) C225	1,1,2,2-Tetrachloroe	8.32	83	198193	23.39 ug/L	98
66) C282	1,2,3-Trichloropropa	8.36	110	54231	23.64 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.36	53	187092	87.16 ug/L	87
68) C302	n-Propylbenzene	8.35	91	786665	24.03 ug/L	98
69) C303	2-Chlorotoluene	8.43	126	144758	23.70 ug/L	100
70) C289	4-Chlorotoluene	8.52	126	149900	24.76 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.48	105	524071	23.59 ug/L	99
72) C306	tert-Butylbenzene	8.75	134	96394	23.47 ug/L	100
73) C307	1,2,4-Trimethylbenze	8.79	105	534556	23.65 ug/L	99
74) C308	sec-Butylbenzene	8.93	105	667863	24.34 ug/L	100
75) C260	1,3-Dichlorobenzene	9.04	146	280483	23.97 ug/L	96
76) C309	4-Isopropyltoluene	9.04	119	525004	24.02 ug/L	99
77) C267	1,4-Dichlorobenzene	9.13	146	288606	23.94 ug/L	94
78) C249	1,2-Dichlorobenzene	9.44	146	270631	23.47 ug/L	94
79) C310	n-Butylbenzene	9.38	91	540687	24.16 ug/L	99
80) C286	1,2-Dibromo-3-Chloro	10.11	75	38190	19.33 ug/L	87
81) C313	1,2,4-Trichlorobenze	10.75	180	193804	22.29 ug/L	99
82) C316	Hexachlorobutadiene	10.86	225	96735	23.22 ug/L	92
83) C314	Naphthalene	10.97	128	559858	21.04 ug/L	100
84) C934	1,2,3-Trichlorobenze	11.16	180	184700	21.50 ug/L	97

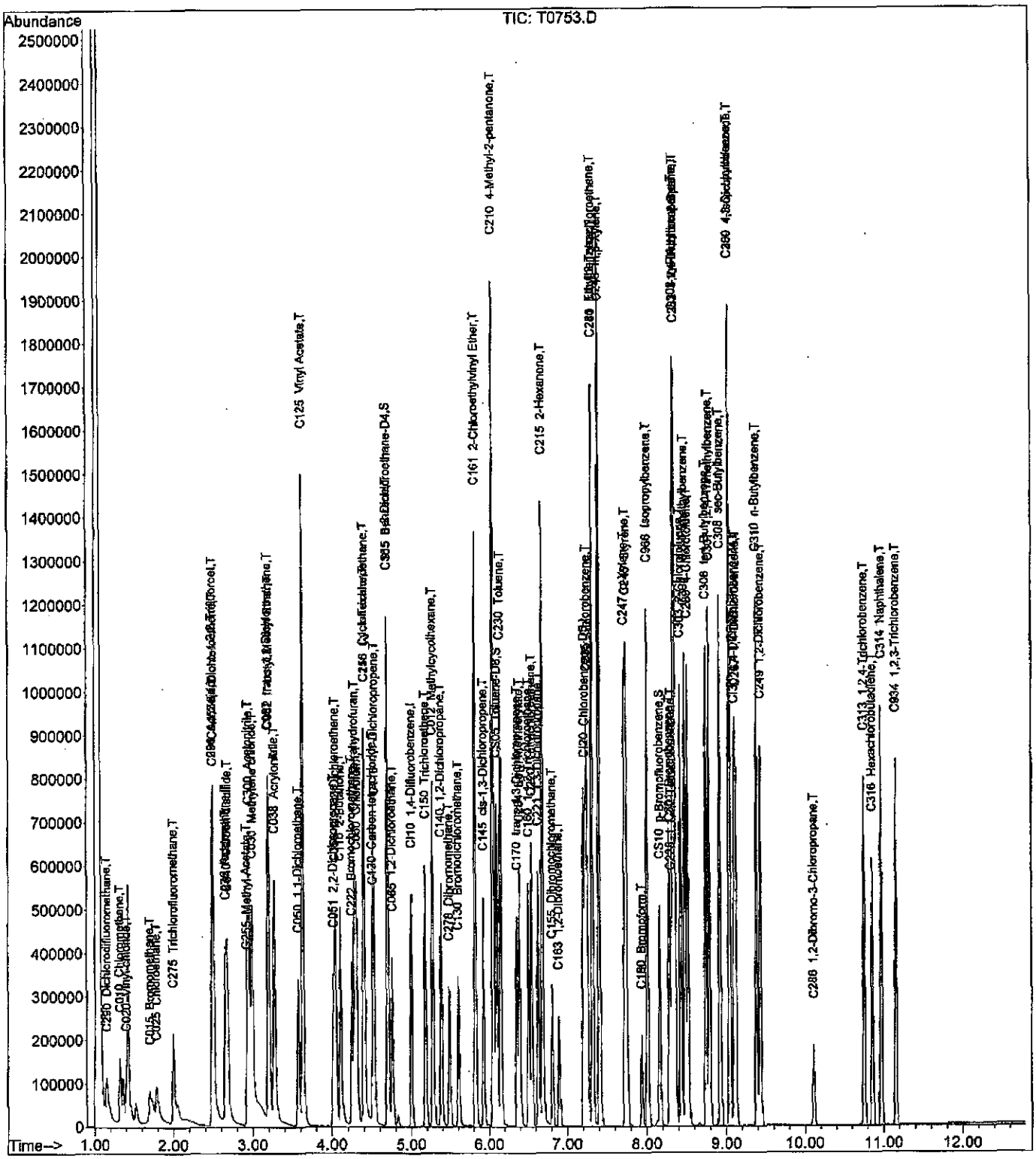
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0753.D
Acq On : 10 Jul 2010 9:56
Sample : T003080-CCV1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 11:13:28 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M

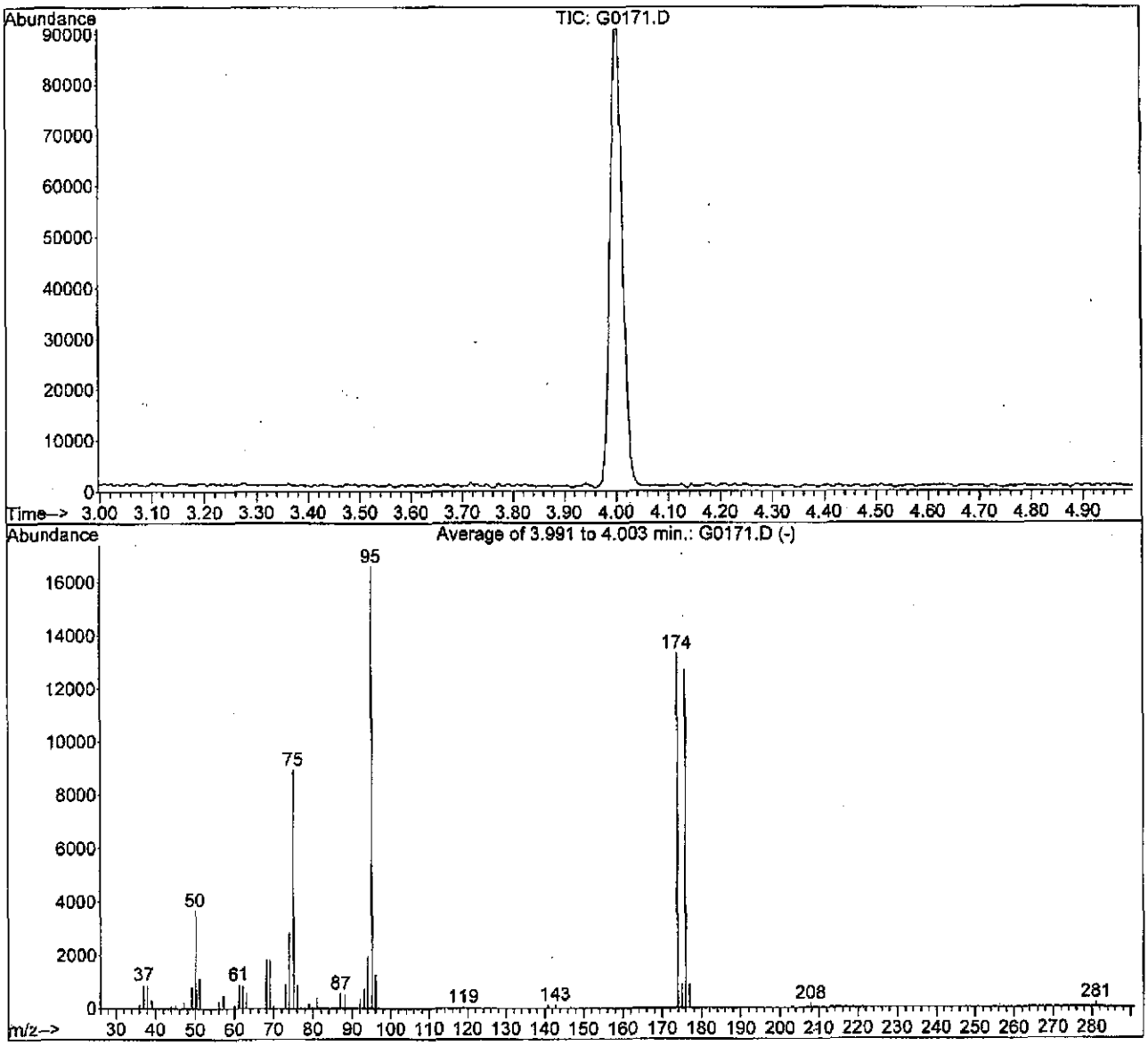


BFB Tune Evaluation

Data File : D:\MSDCHEM\G\DATA\070710\G0171.D
Acq On : 9 Jul 2010 10:55
Sample : T003005-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: DHC
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 424 (4.00 min)
Average of 3 scans: 423,424,425 minus background scan 404 (3.87 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	22.2	3682	PASS
75	95	30	60	53.9	8937	PASS
95	95	100	100	100.0	16567	PASS
96	95	5	9	7.7	1282	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	80.3	13303	PASS
175	174	5	9	6.8	899	PASS
176	174	95	101	95.4	12685	PASS
177	176	5	9	6.8	866	PASS

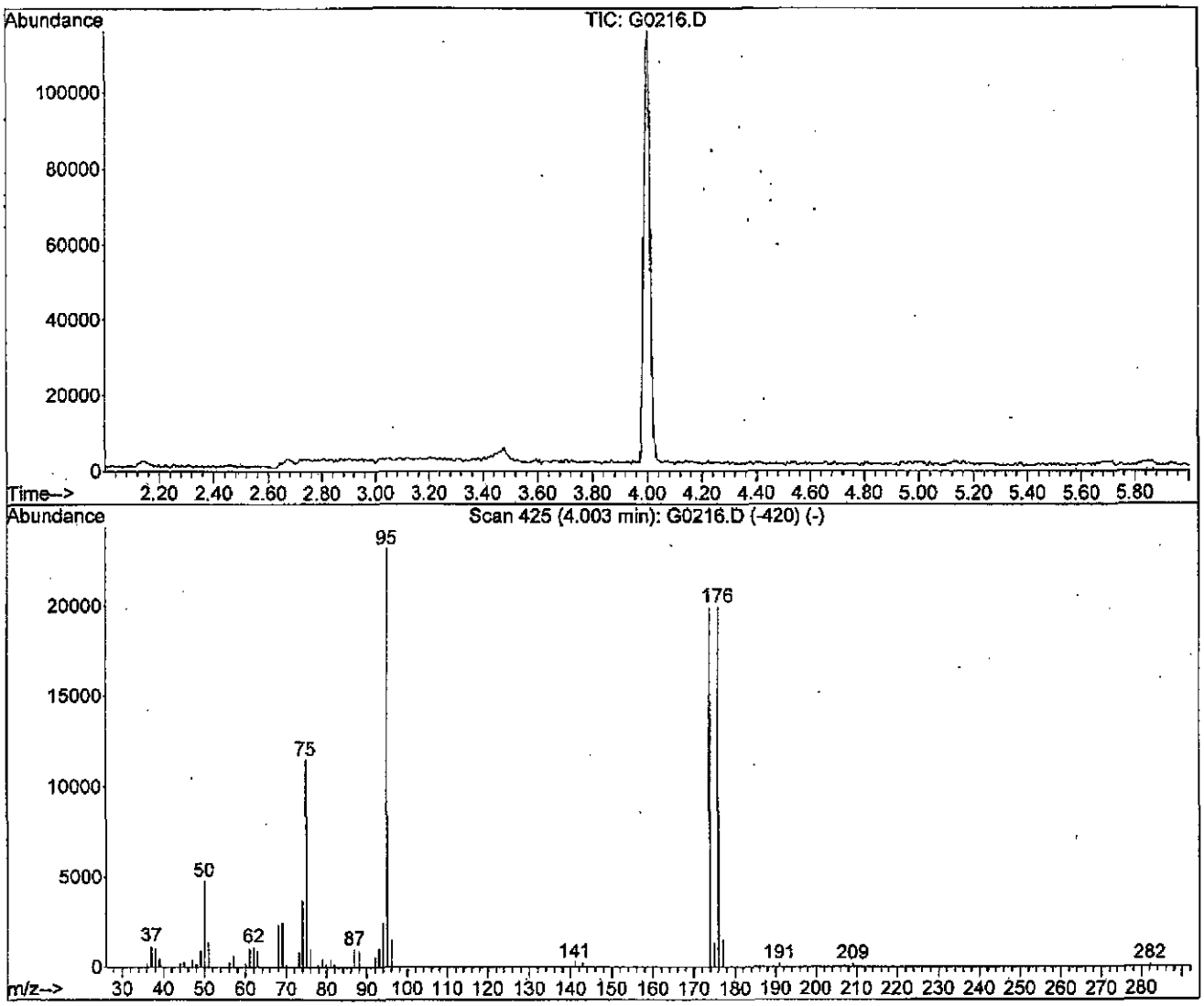
Average of 3.991 to 4.003 min.: G0171.D
T003005-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	145	57.05	527	76.05	870	95.95	1282
37.05	900	59.95	134	78.95	198	140.85	123
38.05	855	61.00	907	80.95	409	142.80	139
38.95	337	62.05	868	86.80	101	173.95	13303
44.00	105	63.00	596	87.05	573	174.95	899
45.05	136	68.00	1838	88.00	543	175.95	12685
47.05	242	69.00	1805	91.90	150	176.95	866
49.10	854	70.00	105	92.05	350	207.95	164
50.10	3682	73.05	904	93.00	733	281.05	186
51.05	1168	74.00	2857	94.00	1946		
56.00	271	75.05	8937	95.05	16567		

Data File : D:\MSDChem\G\Data\071110\G0216.D
Acq On : 11 Jul 2010 20:14
Sample : T003085-TUN1
Misc :
MS Integration Params: NA

Vial: 1
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Jul 09 18:08:46 2010
Response via : Initial Calibration



Spectrum Information: Scan 425

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	4785	PASS
75	95	30	60	49.4	11481	PASS
95	95	100	100	100.0	23222	PASS
96	95	5	9	6.7	1546	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.9	19944	PASS
175	174	5	9	6.9	1381	PASS
176	174	95	101	100.1	19960	PASS
177	176	5	9	7.6	1512	PASS

Scan 425 (4.003 min): G0216.D (-420)
T003085-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	234	51.10	1377	74.00	3748	93.00	1047
37.10	1187	56.10	254	74.95	11481	94.00	2499
38.10	1059	57.10	638	76.00	1045	95.00	23222
39.10	482	60.00	220	77.80	151	96.10	1546
44.10	212	61.00	1043	78.90	463	141.00	285
45.00	271	62.00	1118	79.80	169	143.00	243
47.00	394	63.00	900	80.90	438	173.90	19944
47.90	160	68.00	2368	81.90	164	175.00	1381
48.20	161	69.00	2475	86.90	1000	176.00	19960
49.00	945	70.00	179	88.00	904	177.00	1512
50.00	4785	73.10	866	92.10	560	191.00	204

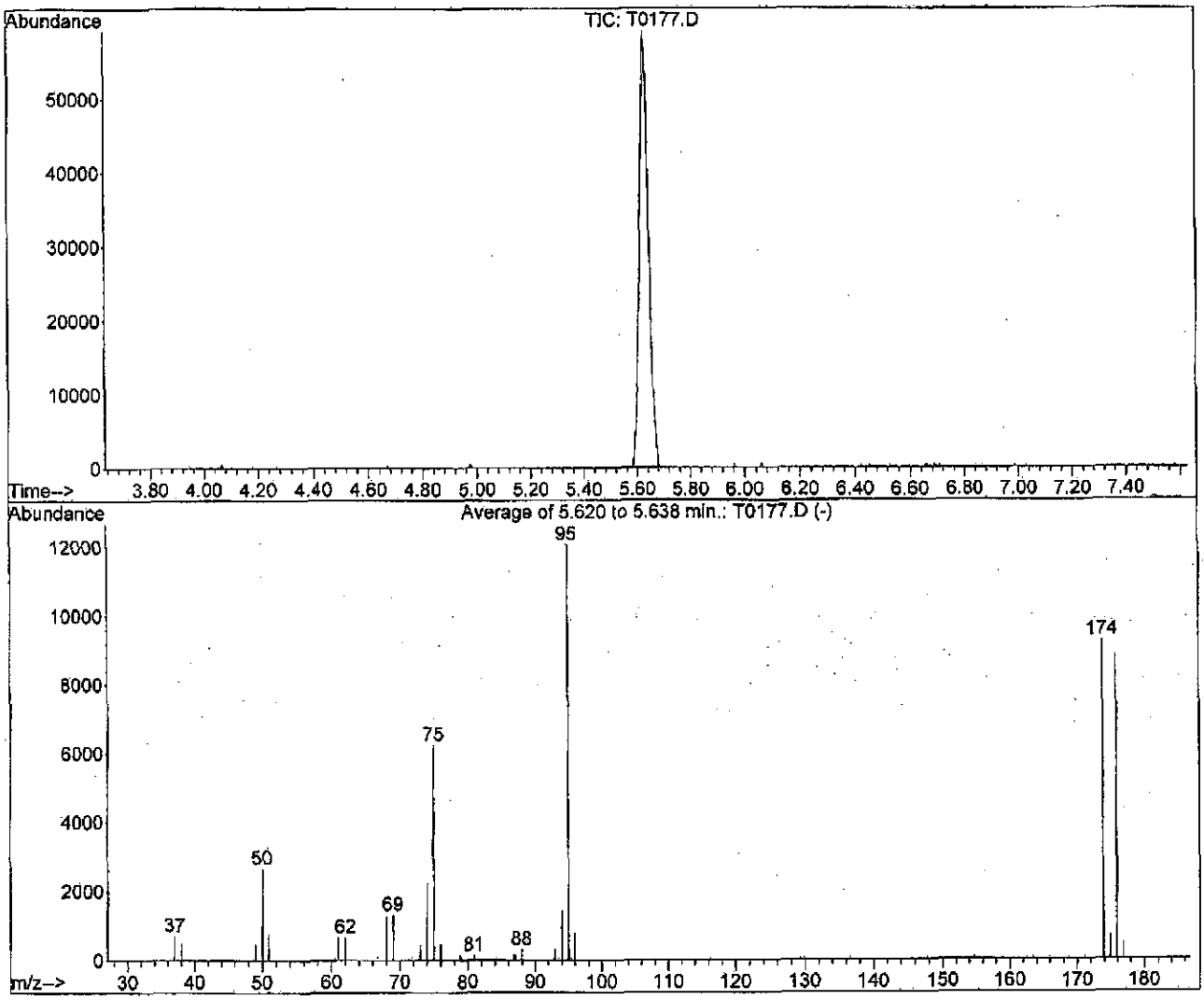
Scan 425 (4.003 min): G0216.D (-420)
T003085-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.05	106						
207.95	120						
209.10	187						
281.00	68						
282.10	169						

Data File : H:\GCMS_VOA\T\062210\T0177.D
Acq On : 22 Jun 2010 12:37
Sample : T002686-TUN1
Misc :
MS Integration Params: NA

Vial: 5
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jun 22 16:32:11 2010
Response via : Initial Calibration



Spectrum Information: Average of 5.620 to 5.638 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.0	2658	PASS
75	95	30	60	51.6	6231	PASS
95	95	100	100	100.0	12078	PASS
96	95	5	9	6.5	780	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.5	9237	PASS
175	174	5	9	7.1	660	PASS
176	174	95	101	95.5	8820	PASS
177	176	5	9	5.1	454	PASS

Average of 5.620 to 5.638 min.: T0177.D
T002686-TUN1
Modified:subtracted

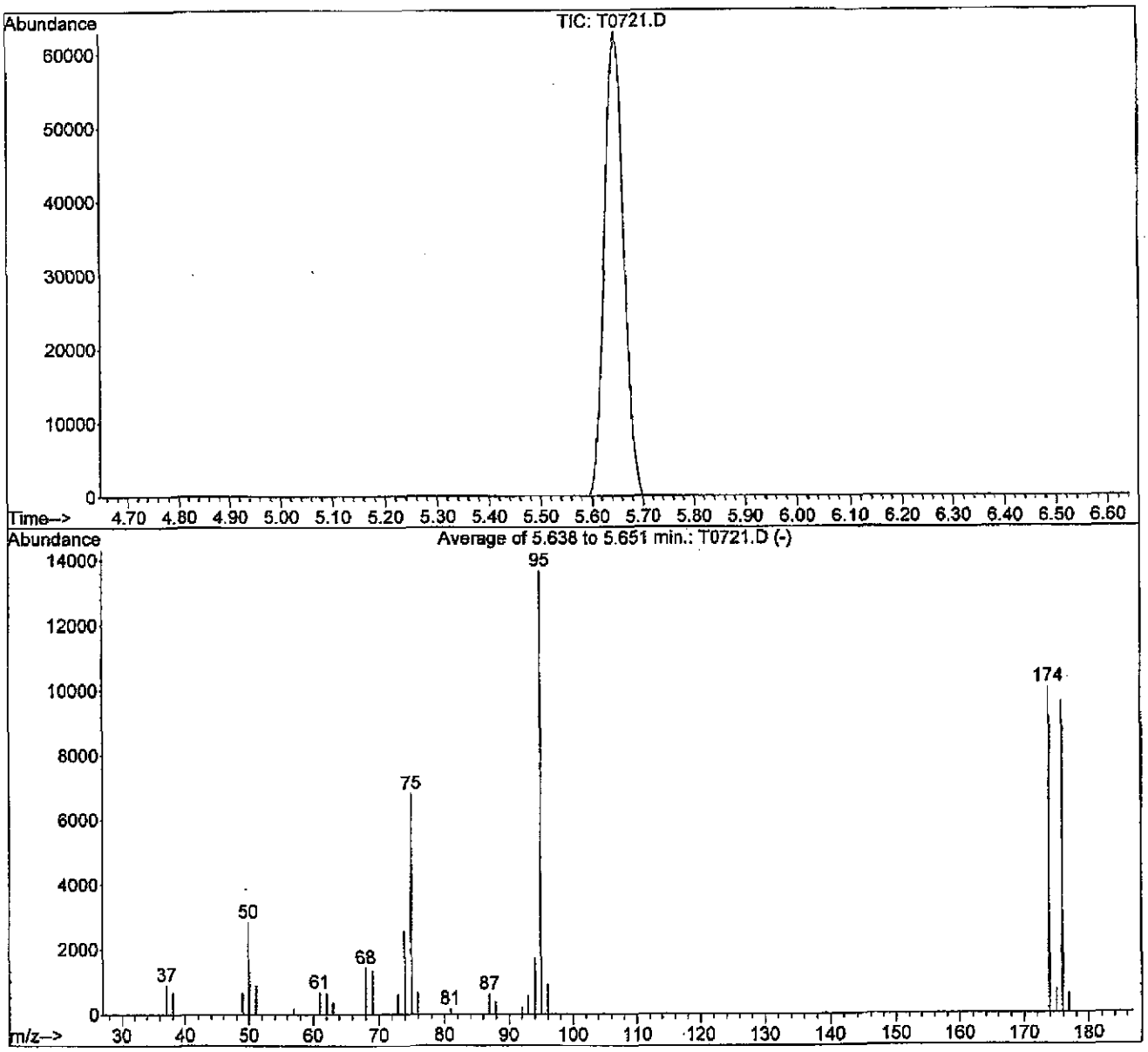
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	700	75.00	6231	173.90	9237		
38.00	484	76.00	470	174.90	660		
49.00	473	78.90	135	175.90	8820		
50.00	2658	80.90	130	176.90	454		
50.95	740	86.80	132				
60.95	642	87.00	146				
62.00	650	87.95	301				
68.00	1257	92.95	315				
68.95	1304	94.00	1432				
72.95	434	95.00	12078				
74.00	2239	95.95	780				

BFB Tune Evaluation

Data File : H:\GCMS_VOA\T\070910\T0721.D
Acq On : 9 Jul 2010 9:55
Sample : T003056-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML



Peak Apex is scan: 682 (5.64 min)
Average of 3 scans: 681,682,683 minus background scan 662 (5.52 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	2838	PASS
75	95	30	60	49.9	6816	PASS
95	95	100	100	100.0	13661	PASS
96	95	5	9	6.7	916	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	73.7	10063	PASS
175	174	5	9	7.1	718	PASS
176	174	95	101	95.6	9616	PASS
177	176	5	9	6.3	603	PASS

Average of 5.638 to 5.651 min.: T0721.D
T003056-TUN1
Modified:subtracted

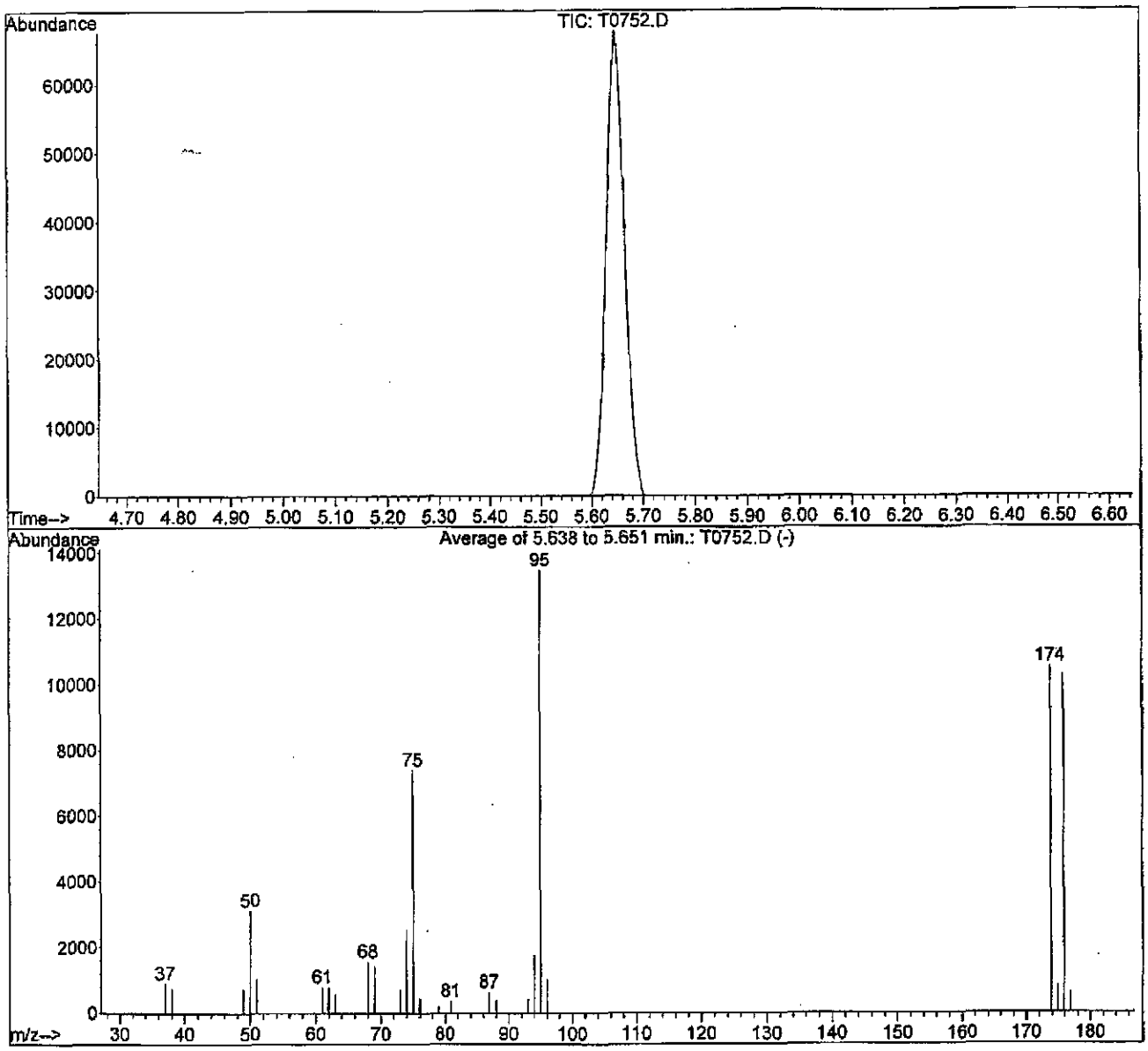
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	898	72.90	619	95.95	916		
38.00	699	74.00	2560	173.90	10063		
49.00	674	75.00	6816	174.90	718		
50.00	2838	75.95	666	175.90	9616		
51.00	889	80.90	170	176.90	603		
57.00	182	86.95	618				
60.95	682	87.90	386				
62.00	663	92.00	208				
63.00	359	92.95	573				
68.00	1429	94.00	1709				
69.00	1328	95.00	13661				

BFB Tune Evaluation

Data File : H:\GCMS_VOA\T\071010\T0752.D
Acq On : 10 Jul 2010 9:35
Sample : T003080-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...09\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML



Peak Apex is scan: 682 (5.64 min)
Average of 3 scans: 681,682,683 minus background scan 662 (5.52 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	23.2	3116	PASS
75	95	30	60	54.9	7384	PASS
95	95	100	100	100.0	13446	PASS
96	95	5	9	7.8	1044	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	78.2	10518	PASS
175	174	5	9	7.7	810	PASS
176	174	95	101	97.8	10287	PASS
177	176	5	9	6.0	614	PASS

T0752.D R10F094-6PT.M Sat Jul 10 09:41:32 2010 CHEMSTAT2

Average of 5.638 to 5.651 min.: T0752.D
T003080-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	900	74.00	2550	173.90	10518		
38.00	737	75.00	7384	174.90	810		
48.95	749	76.00	444	175.90	10287		
50.00	3116	78.90	199	176.90	614		
51.00	1023	80.90	359				
61.00	785	86.90	632				
61.95	774	88.00	376				
63.00	581	93.00	418				
68.00	1555	94.00	1754				
69.00	1437	95.00	13446				
73.00	716	96.00	1044				

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0633-BLK1 File ID: G0219.D

Sampled: Prepared: 07/11/10 20:04 Analyzed: 07/11/10 21:21

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0633-BLK1 File ID: G0219.D

Sampled: Prepared: 07/11/10 20:04 Analyzed: 07/11/10 21:21

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.3	85	66 - 137	
4-Bromofluorobenzene	25.0	25.4	102	73 - 120	
Toluene-d8	25.0	26.6	106	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	138550	11.09	148084	11.09	
1,4-Difluorobenzene	268027	5.84	280749	5.83	
Chlorobenzene-d5	144194	8.73	151391	8.73	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0219.D Vial: 4
Acq On : 11 Jul 2010 21:21 Operator: NMD
Sample : 10G0633-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 21:37:27 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	268027	25.00	ug/L	0.00 95.47%
42) CI20	Chlorobenzene-D5	8.73	82	144194	25.00	ug/L	0.00 95.25%
62) CI30	1,4-Dichlorobenzene-	11.09	152	138550	25.00	ug/L	0.00 93.56%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	5.45	65	117683	21.31	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	85.24%		
43) CS05	Toluene-D8	7.25	98	353829	26.61	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	106.44%		
61) CS10	p-Bromofluorobenzene	9.97	174	110384	25.42	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	101.68%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.48	84	753	N.D.
10) C040	Carbon disulfide	3.22	76	60	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	3.10	43	116	N.D.
14) C300	Acetonitrile	3.33	41	61	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	4.97	83	56	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

Data File : D:\MSDChem\G\Data\071110\G0219.D Vial: 4
Acq On : 11 Jul 2010 21:21 Operator: NMD
Sample : 10G0633-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 21:37:27 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

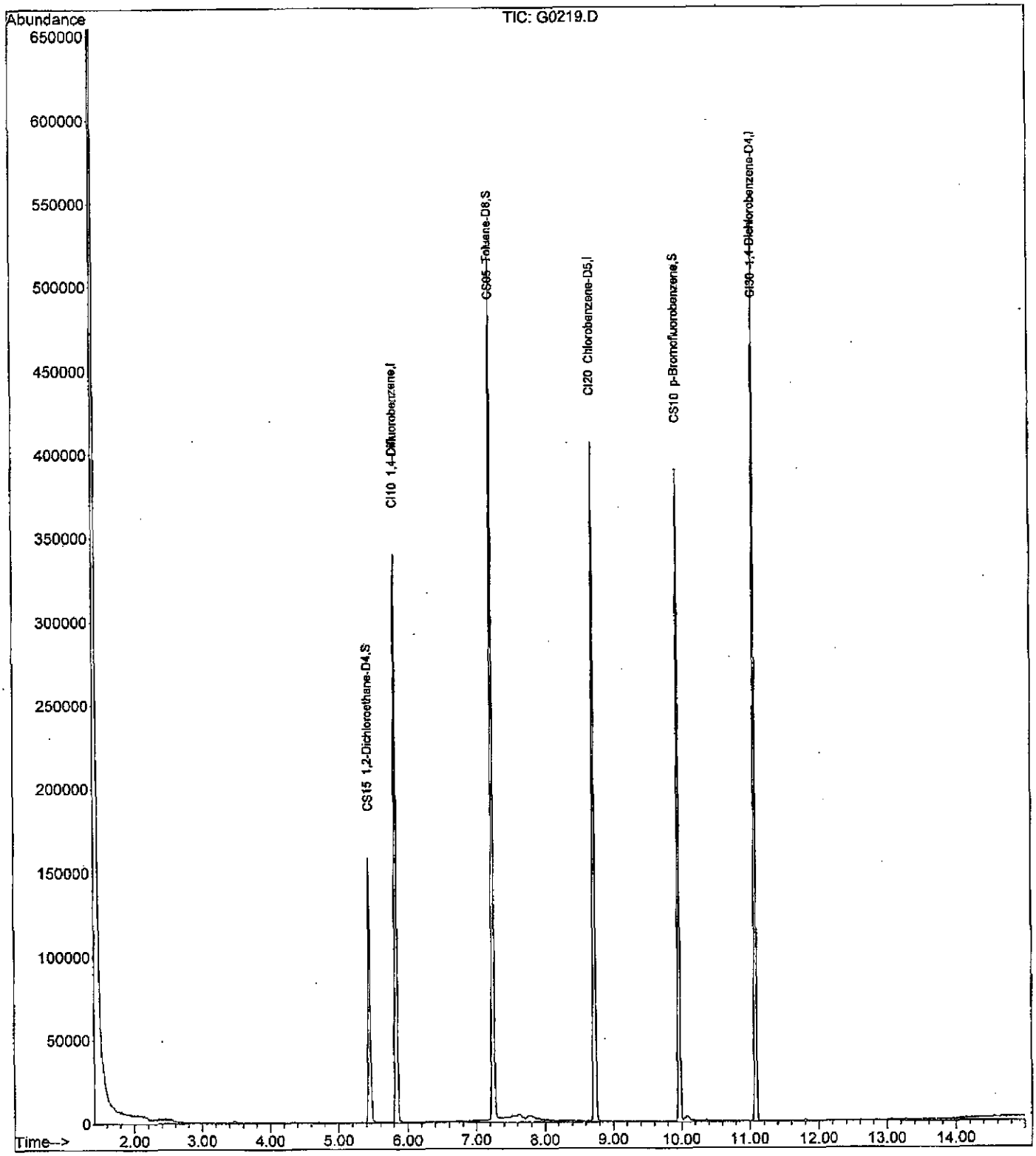
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	0.00	92	0	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	7.25	43	1668	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	8.98	91	117	N.D.	
57) C246	m,p-Xylene	0.00	106	0	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	9.97	91	336	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	10.73	105	244	N.D.	
74) C308	sec-Butylbenzene	10.73	105	244	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	11.46	146	273	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	12.86	180	84	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	13.06	128	548	N.D.	
84) C934	1,2,3-Trichloroben	13.27	180	312	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0219.D Vial: 4
Acq On : 11 Jul 2010 21:21 Operator: NMD
Sample : 10G0633-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 11 21:37:27 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	10G0516-BLK1	File ID:	T0725.D
Sampled:		Prepared:	07/09/10 10:33	Analyzed:	07/09/10 11:46
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	10G0516-BLK1	File ID:	T0725.D
Sampled:		Prepared:	07/09/10 10:33	Analyzed:	07/09/10 11:46
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094	Instrument:	HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.9	88	66 - 137	
4-Bromofluorobenzene	25.0	20.8	83	73 - 120	
Toluene-d8	25.0	21.9	88	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	113007	9.1	137661	9.1	
1,4-Difluorobenzene	267269	5.01	308978	5.01	
Chlorobenzene-d5	224254	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0725.D
Acq On : 9 Jul 2010 11:46
Sample : 10G0516-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:10:01 2010

Vial: 5
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

NO Am Clear 7/14/10 MA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	267269	25.00	ug/L	0.00 86.50%
42) CI20	Chlorobenzene-D5	7.23	117	224254	25.00	ug/L	0.00 84.38%
61) CI30	1,4-Dichlorobenzene-	9.10	152	113007	25.00	ug/L	0.00 82.09%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	124762	21.90	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.60%		
43) CS05	Toluene-D8	6.11	98	323011	21.91	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	87.64%		
60) CS10	p-Bromofluorobenzene	8.17	174	84843	20.76	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	83.04%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	1.70	94	134	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.00	84	1032	N.D.
10) C040	Carbon disulfide	2.69	76	441	N.D.
11) C036	Acrolein	2.50	56	284	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.68	43	834	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	4.33	42	304	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	4.32	83	311	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0725.D
Acq On : 9 Jul 2010 11:46
Sample : 10G0516-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:10:01 2010

Vial: 5
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.11	43	1769	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.32	91	272	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
62) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
68) C302	n-Propylbenzene	0.00	91	0	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.80	105	451	N.D.		
74) C308	sec-Butylbenzene	8.80	105	451	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

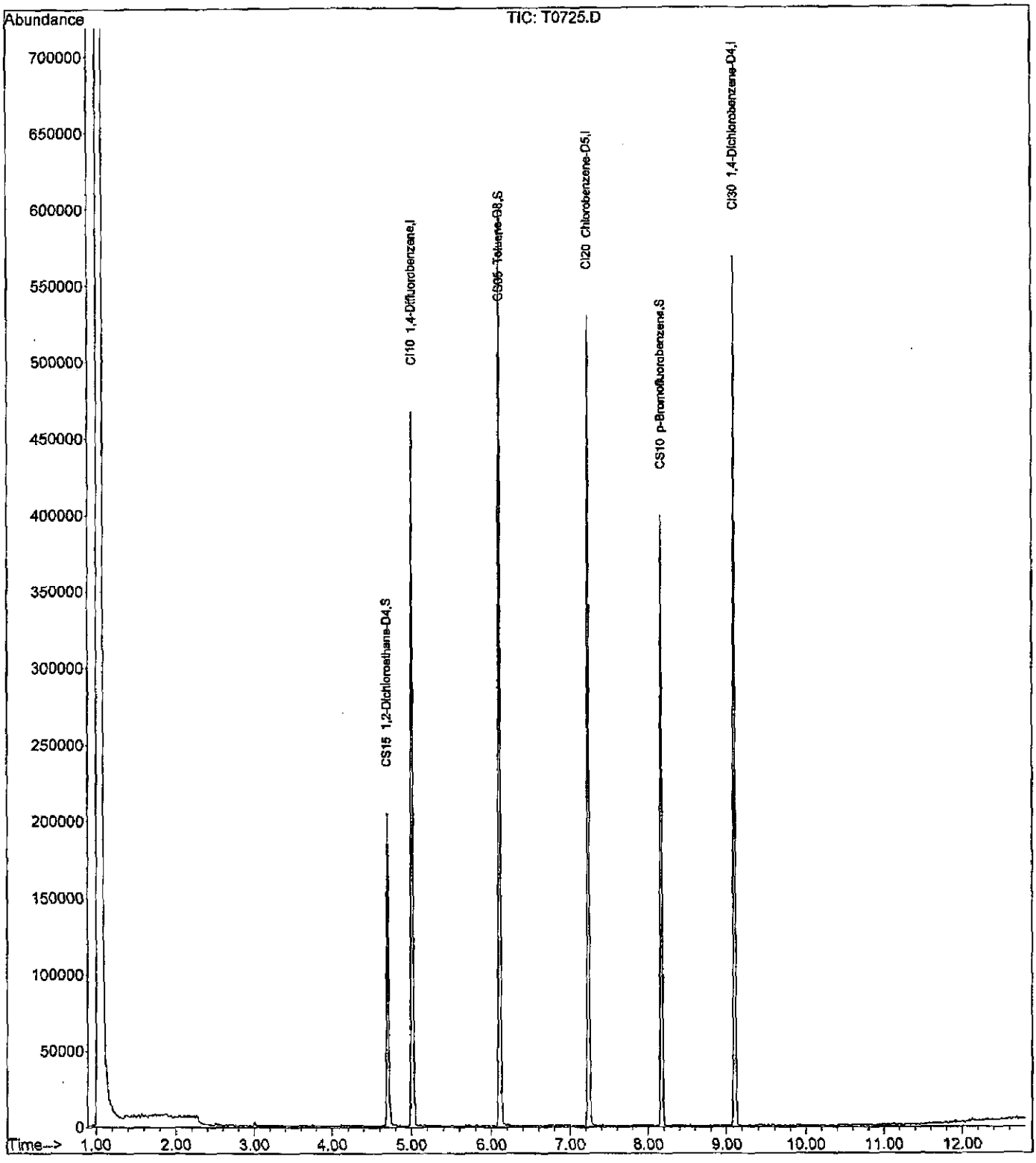
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0725.D
Acq On : 9 Jul 2010 11:46
Sample : 10G0516-BLK1
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:10:01 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo		SDG:		
Client:	ARCADIS U.S., Inc. - Albany, NY		Project:	Arcadis, Geraghty & Miller - NY9A8463	
Matrix:	Water	Laboratory ID:	10G0611-BLK1	File ID:	T0756.D
Sampled:		Prepared:	07/10/10 08:18	Analyzed:	07/10/10 11:08
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0611	Sequence:	T003080	Calibration:	R10F094	Instrument:	HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
540-59-0	1,2-Dichloroethene, Total	1	2.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0611-BLK1 File ID: T0756.D

Sampled: Prepared: 07/10/10 08:18 Analyzed: 07/10/10 11:08

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0611 Sequence: T003080 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.6	91	66 - 137	
4-Bromofluorobenzene	25.0	22.1	89	73 - 120	
Toluene-d8	25.0	22.8	91	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	115933	9.1	147631	9.1	
1,4-Difluorobenzene	271187	5.01	330596	5.01	
Chlorobenzene-d5	220013	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0756.D
Acq On : 10 Jul 2010 11:08
Sample : 10G0611-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:42:29 2010

Vial: 4
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	271187	25.00	ug/L	0.00 82.03%
42) CI20	Chlorobenzene-D5	7.23	117	220013	25.00	ug/L	0.00 77.77%
61) CI30	1,4-Dichlorobenzene-	9.10	152	115933	25.00	ug/L	0.00 78.53%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	130862	22.64	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.56%		
43) CS05	Toluene-D8	6.11	98	330027	22.82	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	91.28%		
60) CS10	p-Bromofluorobenzene	8.17	174	88782	22.14	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	88.56%		

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	2.99	84	651	N.D.
10) C040	Carbon disulfide	2.68	76	305	N.D.
11) C036	Acrolein	2.49	56	128	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	4.32	83	185	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0756.D
Acq On : 10 Jul 2010 11:08
Sample : 10G0611-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:42:29 2010

Vial: 4
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	0.00	83	0	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	0.00	92	0	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	6.10	43	1893	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.41	91	160	N.D.	
57) C246	m,p-Xylene	0.00	106	0	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	0.00	91	0	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.80	105	345	N.D.	
74) C308	sec-Butylbenzene	8.80	105	345	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	0.00	128	0	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

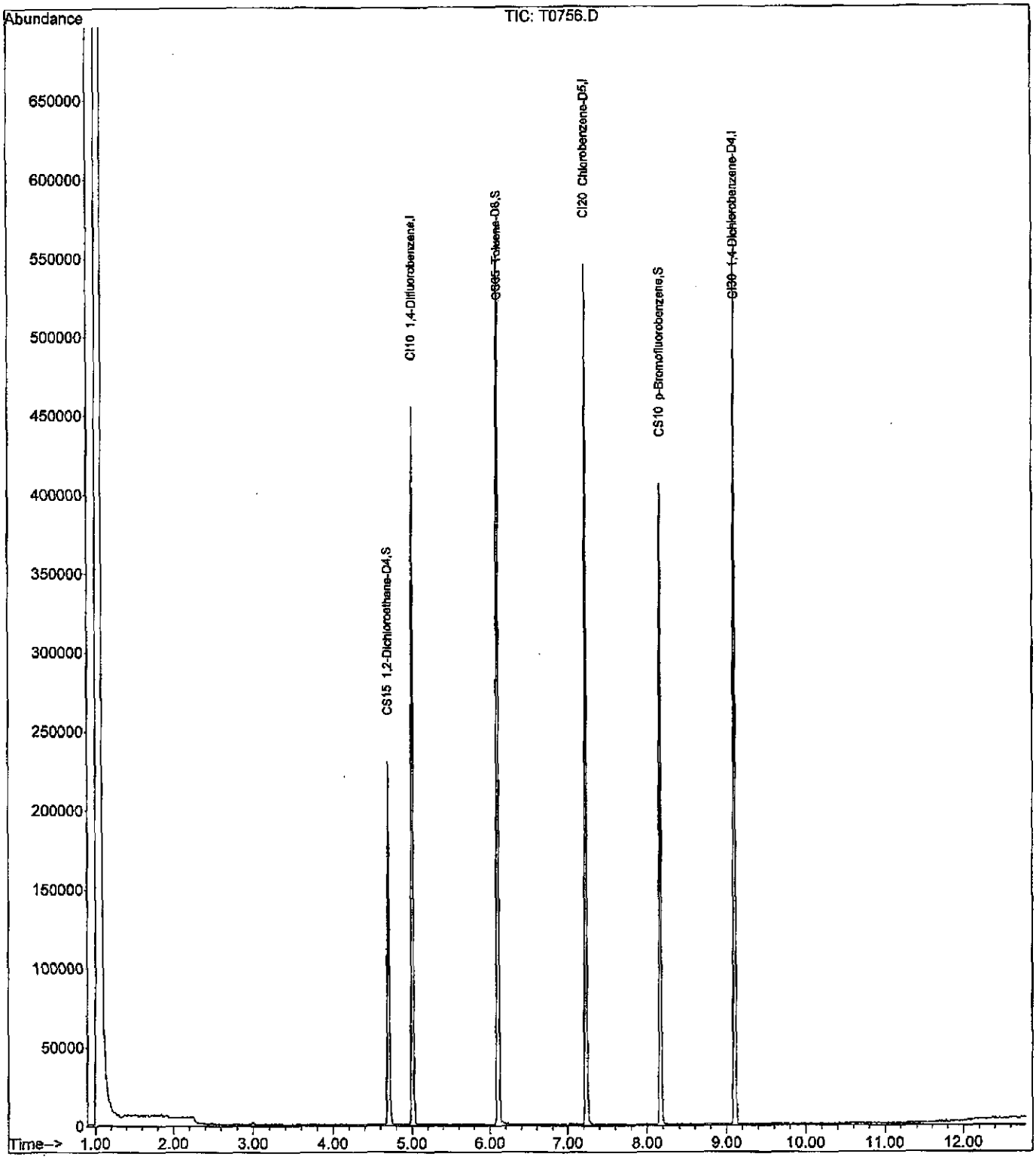
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0756.D
Acq On : 10 Jul 2010 11:08
Sample : 10G0611-BLK1
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 11:42:29 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0633-BS1 File ID: G0218.D

Sampled: Prepared: 07/11/10 20:04 Analyzed: 07/11/10 20:59

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	25.1	
75-35-4	1,1-Dichloroethene	1	25.6	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	25.4	
107-06-2	1,2-Dichloroethane	1	22.5	
540-59-0	1,2-Dichloroethene, Total	1	50.8	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	25.7	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	26.4	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	25.2	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	26.2	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	24.0	
108-87-2	Methylcyclohexane	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0633-BS1 File ID: G0218.D

Sampled: Prepared: 07/11/10 20:04 Analyzed: 07/11/10 20:59

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0633 Sequence: T003085 Calibration: R10G037 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	0.720	J
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	27.0	
108-88-3	Toluene	1	26.1	
156-60-5	trans-1,2-Dichloroethene	1	25.7	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	24.4	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	79.2	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	20.4	82	66 - 137	
4-Bromofluorobenzene	25.0	24.6	98	73 - 120	
Toluene-d8	25.0	25.6	103	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	145924	11.09	148084	11.09	
1,4-Difluorobenzene	282084	5.84	280749	5.83	
Chlorobenzene-d5	151760	8.73	151391	8.73	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0218.D Vial: 3
Acq On : 11 Jul 2010 20:59 Operator: NMD
Sample : 10G0633-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 21:27:31 2010 Results File: R10G037-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

SR 7/11/10

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.84	114	282084	25.00 ug/L	0.00 100.48%
42) CI20	Chlorobenzene-D5	8.73	82	151760	25.00 ug/L	0.00 100.24%
62) CI30	1,4-Dichlorobenzene-	11.09	152	145924	25.00 ug/L	0.00 98.54%
System Monitoring Compounds						
30) CS15	1,2-Dichloroethane-D	5.45	65	118591	20.41 ug/L	0.00
Spiked Amount	25.000	Range 66 - 137		Recovery =	81.64%	
43) CS05	Toluene-D8	7.25	98	358837	25.64 ug/L	0.00
Spiked Amount	25.000	Range 71 - 126		Recovery =	102.56%	
61) CS10	p-Bromofluorobenzene	9.96	174	112341	24.58 ug/L	0.00
Spiked Amount	25.000	Range 73 - 120		Recovery =	98.32%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.97	96	82389	25.63 ug/L	86
9) C030	Methylene chloride	3.48	84	2850	0.72 ug/L	95
10) C040	Carbon disulfide	3.16	76	121	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	3.70	53	3367	N.D.	
13) C035	Acetone	3.08	43	783	N.D.	
14) C300	Acetonitrile	3.44	41	134	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	3.70	73	346167	23.95 ug/L	91
18) C057	trans-1,2-Dichloroet	3.71	96	90278	25.67 ug/L	86
19) C255	Methyl Acetate	3.39	43	122	N.D.	
20) C050	1,1-Dichloroethane	4.12	63	182079	25.08 ug/L	99
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	4.68	96	97145	25.17 ug/L	84
24) C272	Tetrahydrofuran	5.01	42	199	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	4.99	83	349	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
31) C165	Benzene	5.47	78	390712	25.73 ug/L	100
32) C065	1,2-Dichloroethane	5.52	62	154397	22.51 ug/L	98
33) C110	2-Butanone	0.00	43	0	N.D.	
34) C256	Cyclohexane	0.00	56	0	N.D.	
35) C150	Trichloroethene	6.08	95	92358	24.44 ug/L	93
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
37) C278	Dibromomethane	0.00	93	0	N.D.	
38) C130	Bromodichlorometha	0.00	83	0	N.D.	
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	

7/14/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\071110\G0218.D Vial: 3
Acq On : 11 Jul 2010 20:59 Operator: NMD
Sample : 10G0633-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 21:27:31 2010 Results File: R10G037-SIXPT.RES

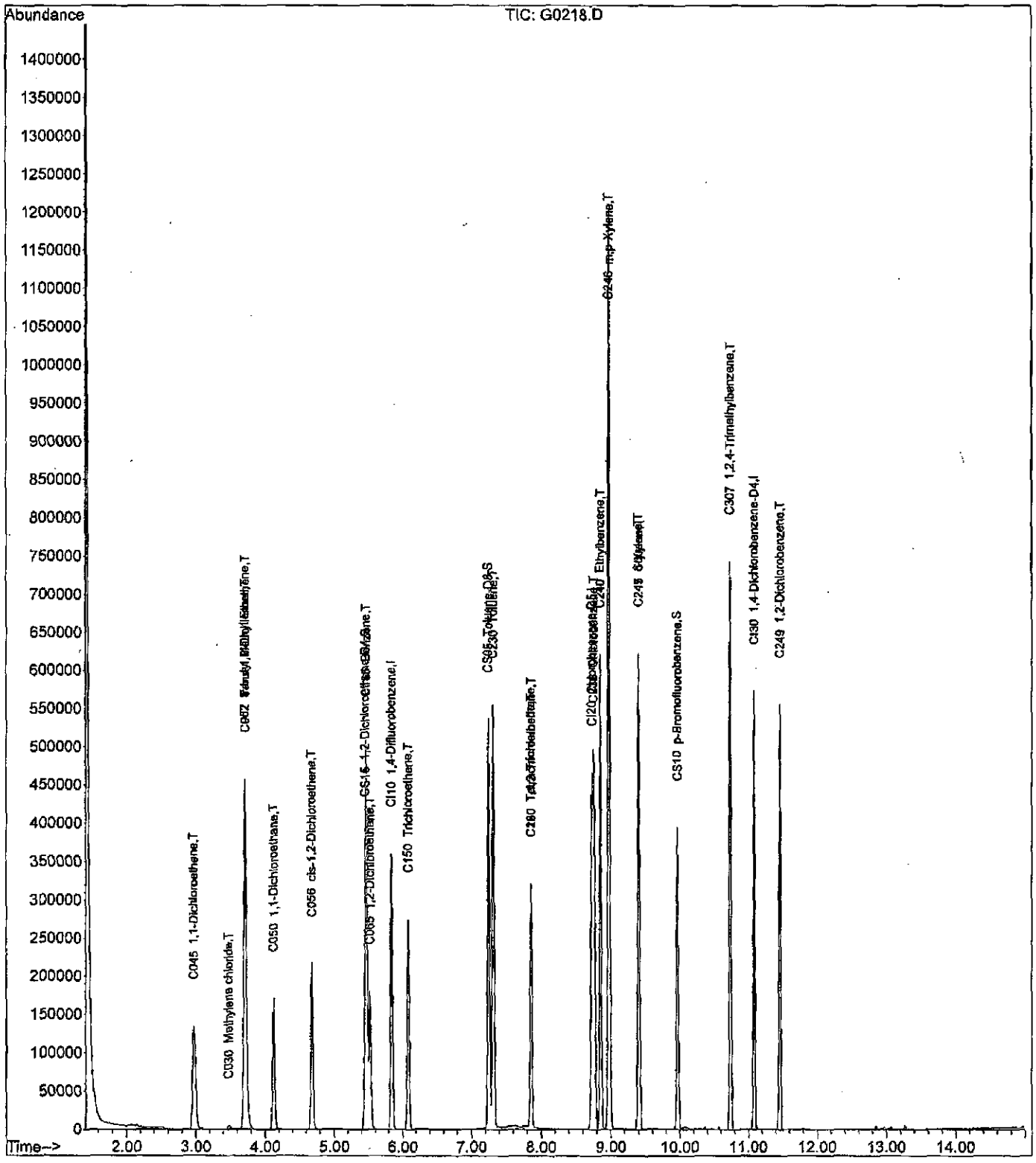
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\071110\G0217.D (11 Jul 2010 20:37)

Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	6.08	83	1122	N.D.	
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44)	C230	Toluene	7.31	92	242994	26.11 ug/L	94
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47)	C160	1,1,2-Trichloroethan	7.86	83	1457	0.52 ug/L #	20
48)	C210	4-Methyl-2-pentano	7.24	43	1800	N.D.	
49)	C220	Tetrachloroethene	7.86	166	106748	26.99 ug/L	95
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51)	C155	Dibromochlorometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53)	C215	2-Hexanone	8.10	43	219	N.D.	
54)	C235	Chlorobenzene	8.76	112	267688	26.45 ug/L	97
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	8.86	91	470826	26.19 ug/L	99
57)	C246	m,p-Xylene	8.98	106	377117	53.02 ug/L	100
58)	C247	o-Xylene	9.40	106	182116	26.14 ug/L	94
59)	C245	Styrene	9.40	104	8212	0.72 ug/L #	1
60)	C180	Bromoform	0.00	173	0	N.D.	
63)	C966	Isopropylbenzene	9.78	105	902	N.D.	
64)	C301	Bromobenzene	0.00	156	0	N.D.	
65)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67)	C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68)	C302	n-Propylbenzene	10.20	91	166	N.D.	
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
71)	C304	1,3,5-Trimethylben	10.37	105	1532	N.D.	
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
73)	C307	1,2,4-Trimethylbenze	10.73	105	410735	25.47 ug/L	97
74)	C308	sec-Butylbenzene	10.89	105	741	N.D.	
75)	C260	1,3-Dichlorobenzen	11.02	146	309	N.D.	
76)	C309	4-Isopropyltoluene	11.03	119	133	N.D.	
77)	C267	1,4-Dichlorobenzen	11.10	146	966	N.D.	
78)	C249	1,2-Dichlorobenzene	11.46	146	222836	25.44 ug/L	97
79)	C310	n-Butylbenzene	11.41	91	546	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81)	C313	1,2,4-Trichloroben	12.85	180	1478	N.D.	
82)	C316	Hexachlorobutadien	12.98	225	662	N.D.	
83)	C314	Naphthalene	13.07	128	2554	N.D.	
84)	C934	1,2,3-Trichloroben	13.27	180	1754	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDChem\G\Data\071110\G0218.D Vial: 3
Acq On : 11 Jul 2010 20:59 Operator: NMD
Sample : 10G0633-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 11 21:27:31 2010 Results File: R10G037-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R10G037-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Jul 11 21:27:24 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0516-BS1 File ID: T0724.D

Sampled: Prepared: 07/09/10 10:33 Analyzed: 07/09/10 11:16

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	22.7	
75-35-4	1,1-Dichloroethene	1	23.0	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	22.0	
107-06-2	1,2-Dichloroethane	1	22.8	
540-59-0	1,2-Dichloroethene, Total	1	43.7	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	22.2	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	22.2	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	21.8	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	22.2	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	21.6	
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0516-BS1 File ID: T0724.D

Sampled: Prepared: 07/09/10 10:33 Analyzed: 07/09/10 11:16

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	0.600	J
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	23.0	
108-88-3	Toluene	1	21.2	
156-60-5	trans-1,2-Dichloroethene	1	21.9	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	21.7	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	67.5	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.9	88	66 - 137	
4-Bromofluorobenzene	25.0	20.7	83	73 - 120	
Toluene-d8	25.0	21.5	86	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	120751	9.1	137661	9.1	
1,4-Difluorobenzene	277553	5.01	308978	5.01	
Chlorobenzene-d5	238417	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0724.D Vial: 4
Acq On : 9 Jul 2010 11:16 Operator: LH
Sample : 10G0516-BS1 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:08:22 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SRE 7/9/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	277553	25.00	ug/L	0.00 89.83%
42) CI20	Chlorobenzene-D5	7.23	117	238417	25.00	ug/L	0.00 89.71%
61) CI30	1,4-Dichlorobenzene-	9.10	152	120751	25.00	ug/L	0.00 87.72%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	129732	21.93	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.72%		
43) CS05	Toluene-D8	6.11	98	336734	21.49	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	85.96%		
60) CS10	p-Bromofluorobenzene	8.17	174	89903	20.69	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	82.76%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.67	94	428	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.50	96	95212	22.98	ug/L	89
9) C030	Methylene chloride	3.00	84	3293	0.60	ug/L #	66
10) C040	Carbon disulfide	2.68	76	232	N.D.		
11) C036	Acrolein	2.49	56	635	N.D.		
12) C038	Acrylonitrile	3.21	53	3138	N.D.		
13) C035	Acetone	2.67	43	2550	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.21	73	295969	21.56	ug/L	93
18) C057	trans-1,2-Dichloroet	3.21	96	109102	21.93	ug/L #	86
19) C255	Methyl Acetate	2.94	43	517	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	220503	22.67	ug/L	97
21) C125	Vinyl Acetate	3.58	43	275	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	115704	21.78	ug/L #	84
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.32	83	664	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	446941	22.20	ug/L	97
32) C065	1,2-Dichloroethane	4.76	62	191997	22.81	ug/L	96
33) C110	2-Butanone	4.14	43	456	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	113052	21.67	ug/L	99
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0724.D
Acq On : 9 Jul 2010 11:16
Sample : 10G0516-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 09 14:08:22 2010

Vial: 4
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	1567	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.15	92	258668	21.19 ug/L	94
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroethan	6.55	83	~~<2185~~	~~0.53 ug/L~~ #	22
48) C210	4-Methyl-2-pentano	6.06	43	133	N.D.	
49) C220	Tetrachloroethene	6.56	166	111585	23.03 ug/L	99
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.77	43	619	N.D.	
54) C235	Chlorobenzene	7.25	112	284466	22.19 ug/L	98
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.32	91	502651	22.21 ug/L	99
57) C246	m,p-Xylene	7.41	106	381186	44.87 ug/L	96
58) C247	o-Xylene	7.73	106	186382	22.61 ug/L	92
59) C245	Styrene	7.73	104	~~<9247~~	~~0.68 ug/L~~ #	1
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	8.02	105	956	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	8.18	83	134	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	8.34	91	135	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.48	105	1540	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylbenze	8.79	105	393912	21.31 ug/L	99
74) C308	sec-Butylbenzene	8.79	105	~~393955~~	~~17.55 ug/L~~	58
75) C260	1,3-Dichlorobenzen	9.04	146	348	N.D.	
76) C309	4-Isopropyltoluene	9.01	119	179	N.D.	
77) C267	1,4-Dichlorobenzene	9.13	146	954	N.D.	
78) C249	1,2-Dichlorobenzene	9.44	146	207363	21.98 ug/L	97
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.97	128	497	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

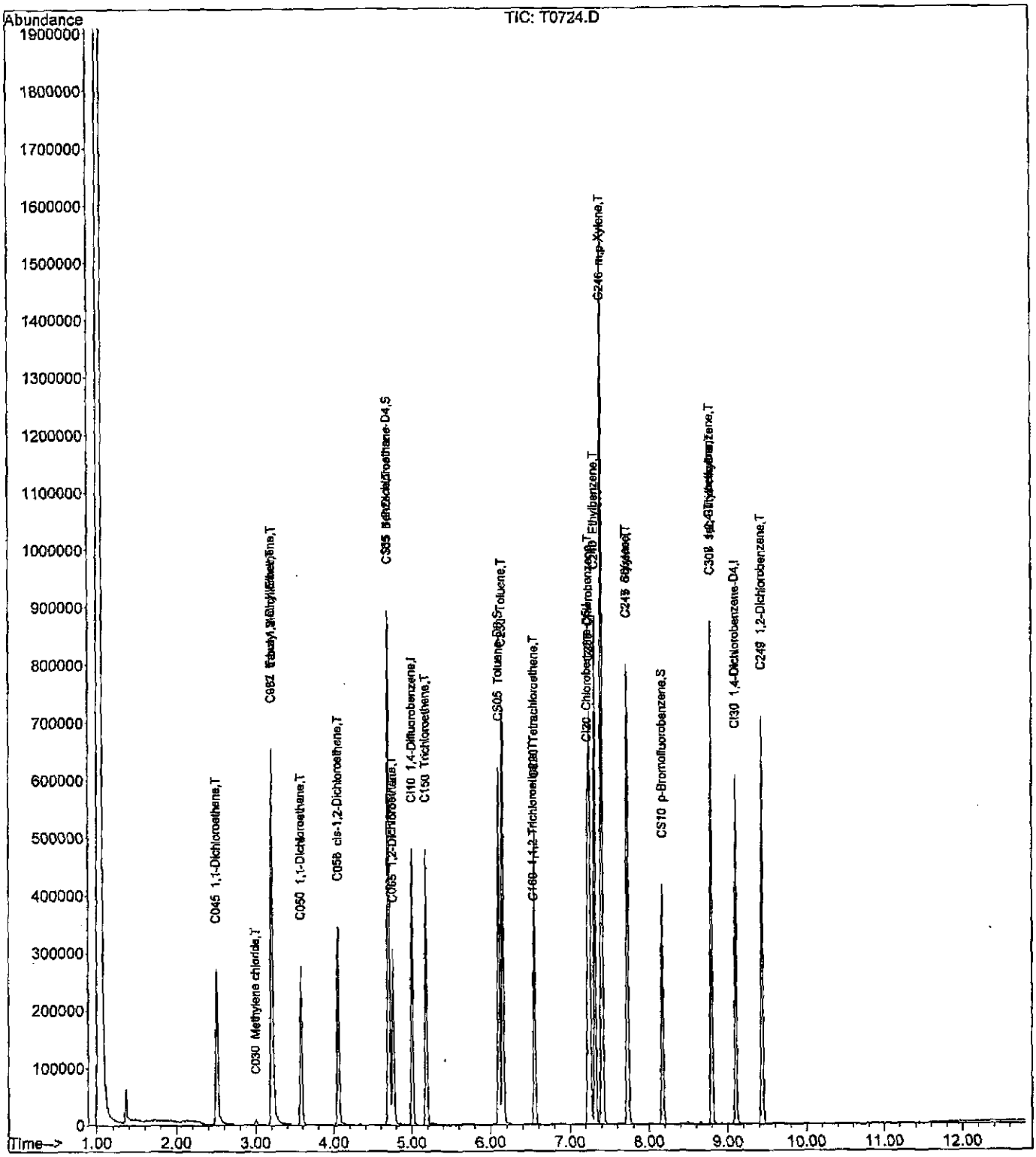
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0724.D
Acq On : 9 Jul 2010 11:16
Sample : 10G0516-BS1
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 09 14:08:22 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Jul 09 14:07:39 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0611-BS1 File ID: T0755.D

Sampled: Prepared: 07/10/10 08:18 Analyzed: 07/10/10 10:44

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0611 Sequence: T003080 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	23.8	
75-35-4	1,1-Dichloroethene	1	24.3	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	23.0	
107-06-2	1,2-Dichloroethane	1	23.3	
540-59-0	1,2-Dichloroethene, Total	1	45.2	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	22.8	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	23.6	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	22.7	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	24.0	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	22.4	
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0611-BS1 File ID: T0755.D

Sampled: Prepared: 07/10/10 08:18 Analyzed: 07/10/10 10:44

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0611 Sequence: T003080 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	23.7	
108-88-3	Toluene	1	22.6	
156-60-5	trans-1,2-Dichloroethene	1	22.4	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	23.2	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	73.2	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	21.9	88	66 - 137	
4-Bromofluorobenzene	25.0	21.6	86	73 - 120	
Toluene-d8	25.0	22.4	89	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	123982	9.1	147631	9.1	
1,4-Difluorobenzene	283788	5.01	330596	5.01	
Chlorobenzene-d5	239652	7.23	282900	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0755.D
Acq On : 10 Jul 2010 10:44
Sample : 10G0611-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:17:08 2010

Vial: 3
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

SGE MDG 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	283788	25.00	ug/L	0.00 85.84%
42) CI20	Chlorobenzene-D5	7.23	117	239652	25.00	ug/L	0.00 84.71%
61) CI30	1,4-Dichlorobenzene-	9.10	152	123982	25.00	ug/L	0.00 83.98%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	132533	21.91	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	87.64%		
43) CS05	Toluene-D8	6.11	98	352348	22.37	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	89.48%		
60) CS10	p-Bromofluorobenzene	8.17	174	94290	21.59	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	86.36%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.66	94	305	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.51	96	103027	24.32	ug/L #	85
9) C030	Methylene chloride	3.00	84	2425	N.D.		
10) C040	Carbon disulfide	2.69	76	403	N.D.		
11) C036	Acrolein	2.50	56	1209	N.D.		
12) C038	Acrylonitrile	3.21	53	3736	N.D.		
13) C035	Acetone	2.67	43	1597	N.D.		
14) C300	Acetonitrile	3.01	41	155	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.21	73	313797	22.35	ug/L	92
18) C057	trans-1,2-Dichloroet	3.21	96	114187	22.45	ug/L #	86
19) C255	Methyl Acetate	2.94	43	451	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	236292	23.76	ug/L	98
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	123384	22.71	ug/L #	84
24) C272	Tetrahydrofuran	4.34	42	138	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.32	83	366	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	469565	22.81	ug/L	97
32) C065	1,2-Dichloroethane	4.76	62	200651	23.32	ug/L	94
33) C110	2-Butanone	4.15	43	182	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	123750	23.20	ug/L	97
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

AMW 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0755.D
Acq On : 10 Jul 2010 10:44
Sample : 10G0611-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 11:17:08 2010

Vial: 3
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\071010\T0753.D (10 Jul 2010 9:56)

Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcycolhexane	5.19	83	1352	N.D.	
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44)	C230	Toluene	6.15	92	277258	22.59 ug/L	100
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47)	C160	1,1,2-Trichloroeth	6.56	83	1831	N.D.	
48)	C210	4-Methyl-2-pentano	6.06	43	135	N.D.	
49)	C220	Tetrachloroethene	6.56	166	115313	23.68 ug/L	90
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51)	C155	Dibromochlorometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53)	C215	2-Hexanone	0.00	43	0	N.D.	
54)	C235	Chlorobenzene	7.25	112	303852	23.58 ug/L	96
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	7.32	91	545390	23.98 ug/L	100
57)	C246	m,p-Xylene	7.41	106	418292	48.98 ug/L	98
58)	C247	o-Xylene	7.73	106	200693	24.22 ug/L	95
59)	C245	Styrene	~~7.73~~	~~104~~	~~10003~~	~~0.73 ug/L~~ #	1
62)	C180	Bromoform	0.00	173	0	N.D.	
63)	C966	Isopropylbenzene	8.02	105	977	N.D.	
64)	C301	Bromobenzene	0.00	156	0	N.D.	
65)	C225	1,1,2,2-Tetrachlor	8.17	83	142	N.D.	
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68)	C302	n-Propylbenzene	8.48	91	314	N.D.	
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
71)	C304	1,3,5-Trimethylben	8.48	105	1922	N.D.	
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
73)	C307	1,2,4-Trimethylbenze	8.79	105	424011	22.34 ug/L	99
74)	C308	sec-Butylbenzene	~~8.79~~	~~105~~	~~423996~~	~~18.48 ug/L~~	58
75)	C260	1,3-Dichlorobenzen	9.04	146	343	N.D.	
76)	C309	4-Isopropyltoluene	9.00	119	400	N.D.	
77)	C267	1,4-Dichlorobenzen	9.13	146	833	N.D.	
78)	C249	1,2-Dichlorobenzene	9.44	146	222595	22.98 ug/L	93
79)	C310	n-Butylbenzene	0.00	91	0	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82)	C316	Hexachlorobutadien	0.00	225	0	N.D.	
83)	C314	Naphthalene	10.97	128	449	N.D.	
84)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

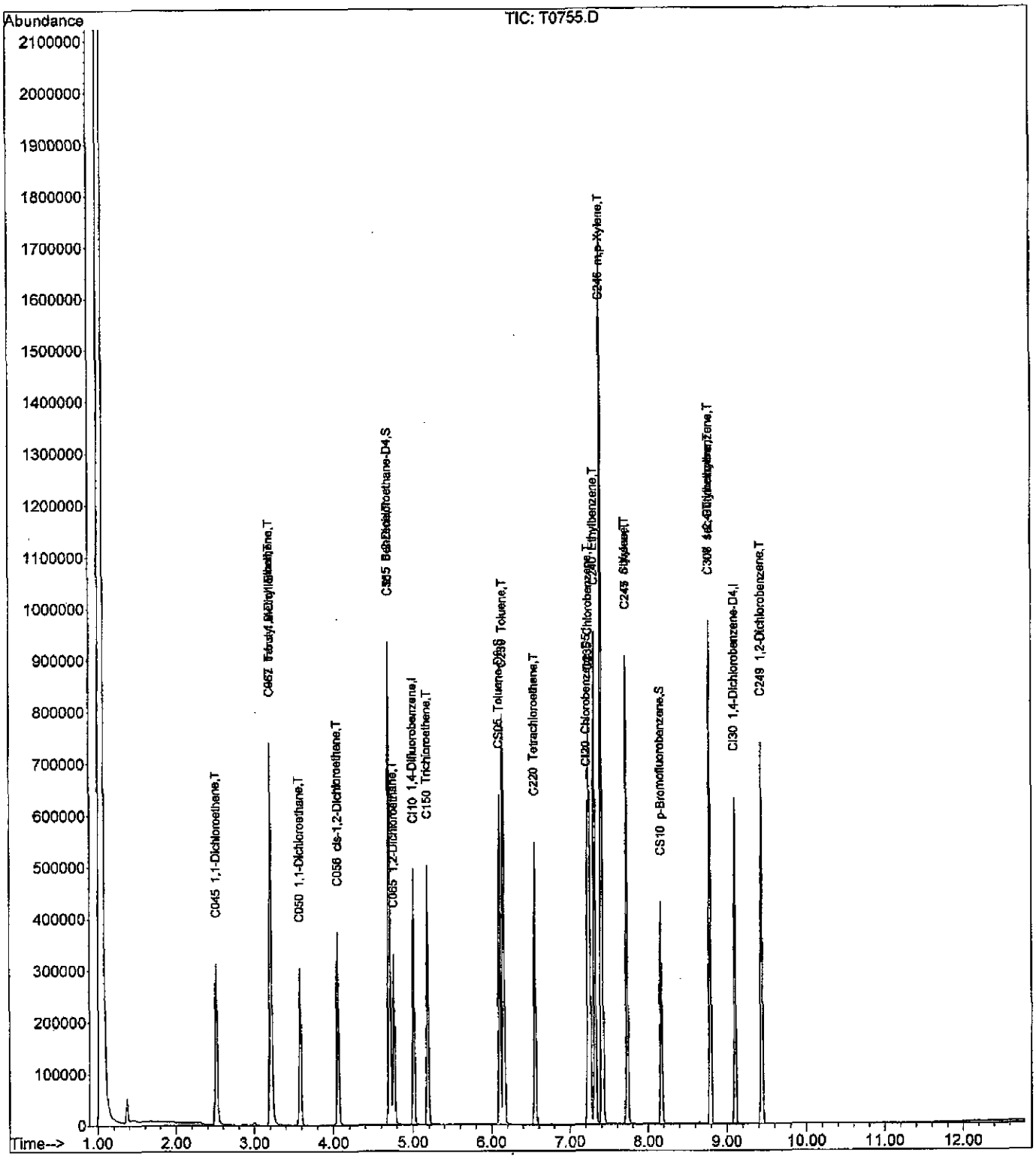
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\071010\T0755.D
Acq On : 10 Jul 2010 10:44
Sample : 10G0611-BS1
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: NMD
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 11:17:08 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 11:16:49 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0516-MS1 File ID: T0738.D

Sampled: Prepared: 07/09/10 10:33 Analyzed: 07/09/10 17:04

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.11	
75-34-3	1,1-Dichloroethane	1	31.0	
75-35-4	1,1-Dichloroethene	1	35.1	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	27.8	
107-06-2	1,2-Dichloroethane	1	28.4	
540-59-0	1,2-Dichloroethene, Total	1	82.1	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	31.0	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	29.0	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	53.4	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	28.7	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	25.5	
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	10G0516-MS1	File ID:	T0738.D
Sampled:		Prepared:	07/09/10 10:33	Analyzed:	07/09/10 17:04
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094
Instrument:	HP5975T				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	30.0	
108-88-3	Toluene	1	27.8	
156-60-5	trans-1,2-Dichloroethene	1	28.6	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	476	E
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	11.3	
1330-20-7	Xylenes, total	1	85.2	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.7	91	66 - 137	
4-Bromofluorobenzene	25.0	22.4	89	73 - 120	
Toluene-d8	25.0	22.7	91	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	113692	9.1	137661	9.1	
1,4-Difluorobenzene	262347	5.01	308978	5.01	
Chlorobenzene-d5	219427	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0738.D
Acq On : 9 Jul 2010 17:04
Sample : 10G0516-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:12 2010

Vial: 18
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

SMC NLG 7/11/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	262347	25.00	ug/L	0.00 84.91%
42) CI20	Chlorobenzene-D5	7.23	117	219427	25.00	ug/L	0.00 82.56%
61) CI30	1,4-Dichlorobenzene-	9.10	152	113692	25.00	ug/L	0.00 82.59%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	126775	22.67	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	90.68%		
43) CS05	Toluene-D8	6.11	98	328044	22.74	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	90.96%		
60) CS10	p-Bromofluorobenzene	8.17	174	89426	22.36	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	89.44%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.32	50	937	N.D.		
4) C020	Vinyl chloride	1.40	62	59477	11.30	ug/L	97
5) C015	Bromomethane	1.70	94	173	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.50	96	137487	35.11	ug/L	97
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.69	76	1567	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.21	53	4931	N.D.		
13) C035	Acetone	2.68	43	4684	N.D.		
14) C300	Acetonitrile	2.98	41	163	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.49	101	3000	1.11	ug/L #	83
17) C962	T-butyl Methyl Ether	3.21	73	331055	25.51	ug/L	93
18) C057	trans-1,2-Dichloroet	3.21	96	134670	28.64	ug/L #	88
19) C255	Methyl Acetate	2.93	43	265	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	285022	31.01	ug/L	98
21) C125	Vinyl Acetate	3.60	43	46704	4.34	ug/L #	84
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	268383	53.44	ug/L #	86
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.40	97	134	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	590516	31.03	ug/L	97
32) C065	1,2-Dichloroethane	4.76	62	225917	28.40	ug/L	95
33) C110	2-Butanone	4.15	43	800	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	2345643	475.71	ug/L	100
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

ann 7/14/10

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0738.D Vial: 18
Acq On : 9 Jul 2010 17:04 Operator: LH
Sample : 10G0516-MS1 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:12 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	29251	3.92 ug/L #	1
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.16	92	312385	27.80 ug/L	95
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroethan	6.56	83	2426	0.64 ug/L #	29
48) C210	4-Methyl-2-pentano	6.11	43	2171	N.D.	
49) C220	Tetrachloroethene	6.56	166	133718	29.99 ug/L	95
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.54	43	285	N.D.	
54) C235	Chlorobenzene	7.26	112	342449	29.03 ug/L	96
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.32	91	597850	28.70 ug/L	99
57) C246	m,p-Xylene	7.42	106	448292	57.34 ug/L	98
58) C247	o-Xylene	7.73	106	211249	27.85 ug/L #	87
59) C245	Styrene	7.73	104	10417	0.83 ug/L #	1
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	8.02	105	1066	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	0.00	91	0	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.48	105	1623	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylbenze	8.79	105	452702	26.01 ug/L	99
74) C308	sec-Butylbenzene	8.79	105	452688	21.42 ug/L	58
75) C260	1,3-Dichlorobenzen	9.04	146	169	N.D.	
76) C309	4-Isopropyltoluene	9.01	119	410	N.D.	
77) C267	1,4-Dichlorobenzen	9.13	146	1036	N.D.	
78) C249	1,2-Dichlorobenzene	9.44	146	246750	27.78 ug/L	96
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	0.00	128	0	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

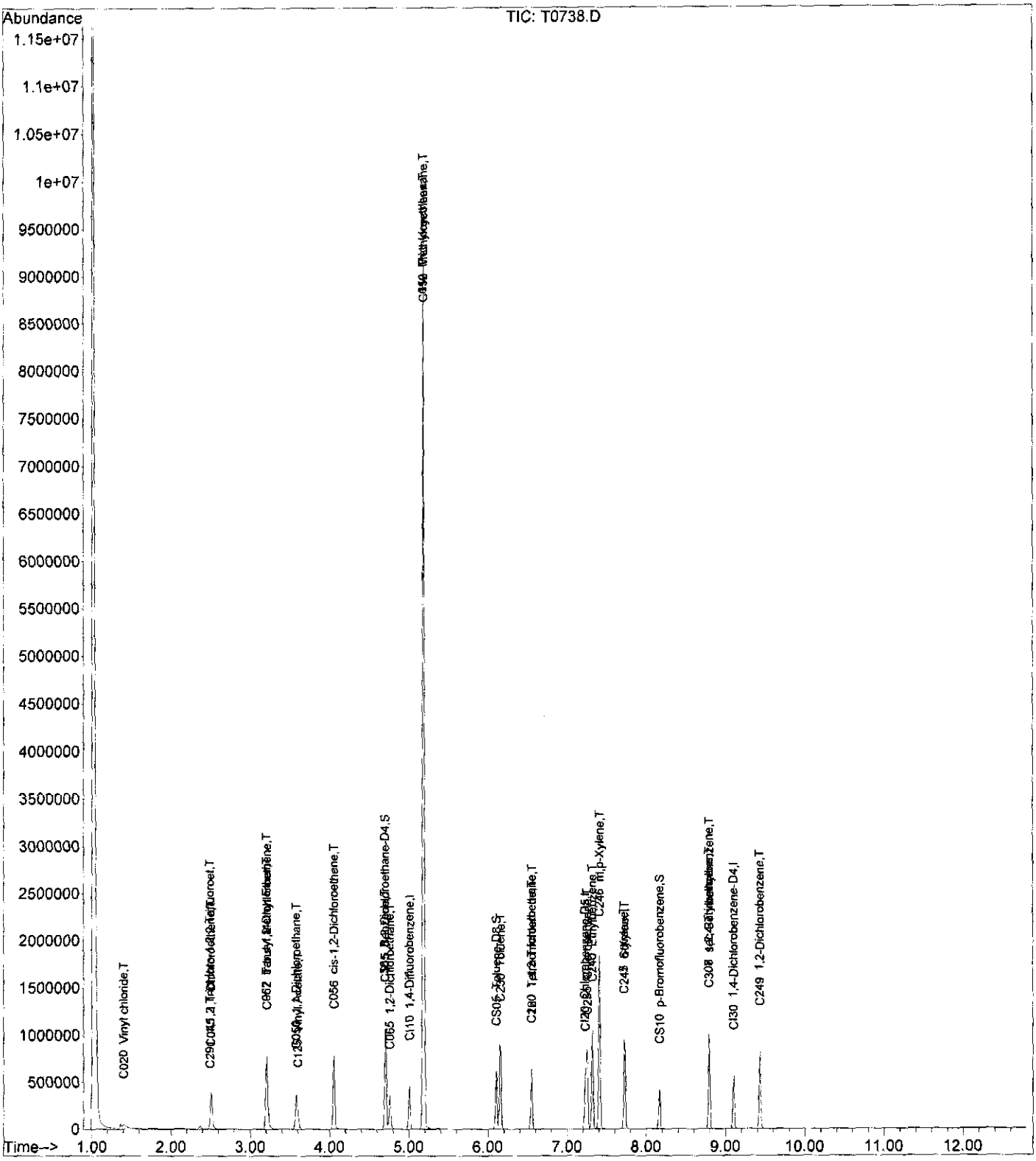
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0738.D
Acq On : 9 Jul 2010 17:04
Sample : 10G0516-MS1
Misc :
MS Integration Params: RTEINT.P

Vial: 18
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:15:12 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike Dup

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Matrix: Water Laboratory ID: 10G0516-MSD1 File ID: T0739.D

Sampled: Prepared: 07/09/10 10:33 Analyzed: 07/09/10 17:28

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10G0516 Sequence: T003056 Calibration: R10F094 Instrument: HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.39	
75-34-3	1,1-Dichloroethane	1	28.8	
75-35-4	1,1-Dichloroethene	1	32.9	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	23.8	
107-06-2	1,2-Dichloroethane	1	27.2	
540-59-0	1,2-Dichloroethene, Total	1	81.4	
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	28.5	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	25.8	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	54.8	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	26.1	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	24.6	
108-87-2	Methylcyclohexane	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Matrix Spike Dup

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY			Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Laboratory ID:	10G0516-MSD1	File ID:	T0739.D
Sampled:		Prepared:	07/09/10 10:33	Analyzed:	07/09/10 17:28
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10G0516	Sequence:	T003056	Calibration:	R10F094	Instrument:	HP5975T

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-09-2	Methylene Chloride	1	1.0	U
100-42-5	Styrene	1	1.0	U
127-18-4	Tetrachloroethene	1	26.6	
108-88-3	Toluene	1	25.8	
156-60-5	trans-1,2-Dichloroethene	1	26.7	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	486	E
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	10.8	
1330-20-7	Xylenes, total	1	77.8	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	23.3	93	66 - 137	
4-Bromofluorobenzene	25.0	21.8	87	73 - 120	
Toluene-d8	25.0	23.0	92	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	113987	9.1	137661	9.1	
1,4-Difluorobenzene	262905	5.01	308978	5.01	
Chlorobenzene-d5	219961	7.23	265777	7.23	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0739.D
Acq On : 9 Jul 2010 17:28
Sample : 10G0516-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:28 2010

Vial: 19
Operator: LH
Inst : 5975 T
Multiplr: 1.00
Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.01	114	262905	25.00	ug/L	0.00 85.09%
42) CI20	Chlorobenzene-D5	7.23	117	219961	25.00	ug/L	0.00 82.76%
61) CI30	1,4-Dichlorobenzene-	9.10	152	113987	25.00	ug/L	0.00 82.80%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.70	65	130659	23.32	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	93.28%	
43) CS05	Toluene-D8	6.11	98	332716	23.01	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	92.04%	
60) CS10	p-Bromofluorobenzene	8.17	174	87367	21.79	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	87.16%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.40	62	56748	10.76	ug/L	94
5) C015	Bromomethane	1.70	94	183	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.50	96	129072	32.89	ug/L	93
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.68	76	1666	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.21	53	4246	N.D.		
13) C035	Acetone	2.67	43	5310	N.D.		
14) C300	Acetonitrile	2.93	41	178	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	2.49	101	3765	1.39	ug/L	87
17) C962	T-butyl Methyl Ether	3.21	73	319999	24.61	ug/L	94
18) C057	trans-1,2-Dichloroet	3.21	96	125649	26.66	ug/L #	85
19) C255	Methyl Acetate	2.92	43	502	N.D.		
20) C050	1,1-Dichloroethane	3.58	63	265444	28.82	ug/L	97
21) C125	Vinyl Acetate	3.60	43	47201	4.38	ug/L #	85
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.06	96	275723	54.79	ug/L #	86
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	4.41	97	196	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.70	78	543298	28.49	ug/L	97
32) C065	1,2-Dichloroethane	4.76	62	216773	27.19	ug/L	95
33) C110	2-Butanone	4.13	43	1219	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.19	95	2401377	485.98	ug/L	98
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0739.D Vial: 19
Acq On : 9 Jul 2010 17:28 Operator: LH
Sample : 10G0516-MSD1 Inst : 5975 T
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 10 07:15:28 2010 Results File: R10F094-6PT.RES

Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : H:\GCMS_VOA\T\070910\T0722.D (9 Jul 2010 10:23)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcycolhexane	5.19	83	27993	3.75 ug/L #	1
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.16	92	290979	25.83 ug/L	100
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroethan	6.56	83	2215	0.58 ug/L #	30
48) C210	4-Methyl-2-pentano	6.10	43	1824	N.D.	
49) C220	Tetrachloroethene	6.56	166	118667	26.55 ug/L	98
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.80	43	453	N.D.	
54) C235	Chlorobenzene	7.26	112	305325	25.82 ug/L	95
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.32	91	545802	26.14 ug/L	98
57) C246	m,p-Xylene	7.41	106	404189	51.57 ug/L	94
58) C247	o-Xylene	7.73	106	199618	26.25 ug/L	93
59) C245	Styrene	7.73	104	9998	0.80 ug/L #	1
62) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	8.02	105	884	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
68) C302	n-Propylbenzene	0.00	91	0	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.48	105	1549	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylbenze	8.79	105	413269	23.68 ug/L	99
74) C308	sec-Butylbenzene	8.79	105	413258	19.51 ug/L	58
75) C260	1,3-Dichlorobenzen	9.04	146	185	N.D.	
76) C309	4-Isopropyltoluene	9.01	119	200	N.D.	
77) C267	1,4-Dichlorobenzen	9.12	146	755	N.D.	
78) C249	1,2-Dichlorobenzene	9.44	146	212176	23.83 ug/L	96
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	0.00	128	0	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

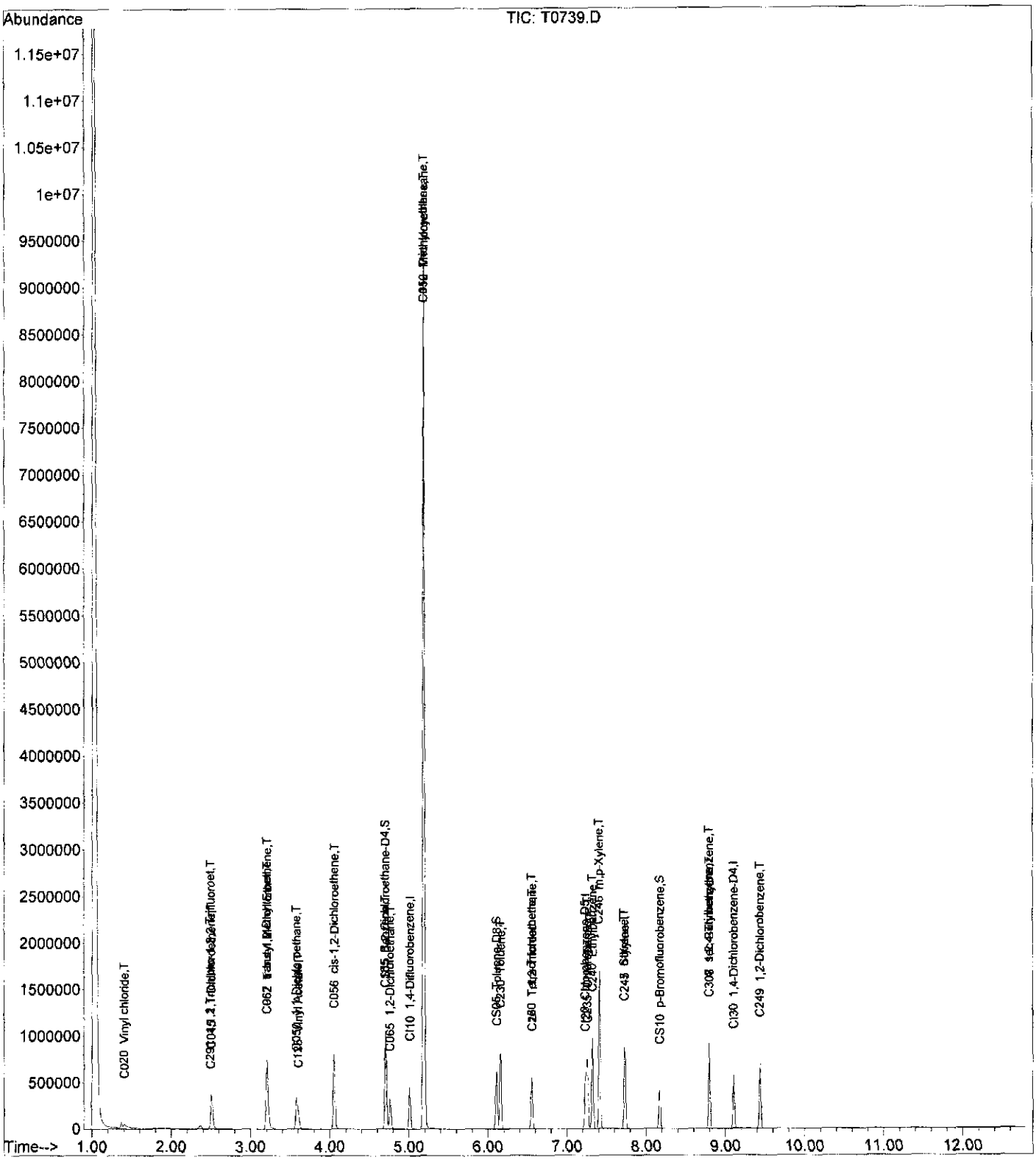
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\T\070910\T0739.D
Acq On : 9 Jul 2010 17:28
Sample : 10G0516-MSD1
Misc :
MS Integration Params: RTEINT.P

Vial: 19
Operator: LH
Inst : 5975 T
Multiplr: 1.00

Quant Time: Jul 10 07:15:28 2010 Results File: R10F094-6PT.RES
Quant Method : C:\MSDCHEM\1...\R10F094-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Jul 10 07:12:17 2010
Response via : Initial Calibration
DataAcq Meth : VOA.M



HOLDING TIME SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG:

Client: ARCADIS U.S., Inc. - Albany, NY Project: Arcadis, Geraghty & Miller - NY9A8463

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WL-5 (10-12)	07/06/10 11:25	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 12:18	3	14	
WL-5 (10-12)	07/06/10 11:25	07/08/10 10:20	07/11/10 20:04	5	14	07/12/10 03:39	6	14	
WL-5 (19-21)	07/06/10 11:35	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 12:42	3	14	
WL-5 (30-32)	07/06/10 11:45	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 13:06	3	14	
WL-4 (10-12)	07/06/10 09:35	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 13:30	3	14	
WL-4 (24-26)	07/06/10 09:40	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 13:53	3	14	
WL-6 (10-12)	07/06/10 14:10	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 14:17	3	14	
WL-6 (10-12)	07/06/10 14:10	07/08/10 10:20	07/10/10 11:19	4	14	07/10/10 17:30	4	14	
WL-6 (30-32)	07/06/10 14:20	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 14:41	3	14	
WL-8 (25-27)	07/06/10 15:50	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 15:05	3	14	
WL-8 (30-32)	07/06/10 15:40	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 15:29	3	14	
WL-4 (30-32)	07/06/10 09:45	07/08/10 10:20	07/09/10 10:33	3	14	07/09/10 15:52	3	14	
WL-8 (10-12)	07/07/10 09:20	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 16:16	2	14	
WL-8 (10-12)	07/07/10 09:20	07/08/10 10:20	07/10/10 11:19	3	14	07/10/10 17:54	3	14	
WL-9 (10-12)	07/07/10 10:45	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 16:40	2	14	
WL-9 (10-12)	07/07/10 10:45	07/08/10 10:20	07/10/10 11:19	3	14	07/10/10 18:18	3	14	
DUP-070710	07/07/10 00:00	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 17:52	2	14	
DUP-070710	07/07/10 00:00	07/08/10 10:20	07/10/10 11:19	3	14	07/10/10 18:41	3	14	
FB-070710	07/07/10 11:35	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 18:16	2	14	
WL-9 (25-27)	07/07/10 10:55	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 18:39	2	14	
WL-9 (30-32)	07/07/10 10:40	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 19:03	2	14	
TB-070710	07/07/10 00:00	07/08/10 10:20	07/09/10 10:33	2	14	07/09/10 19:27	2	14	

* Indicates a Holding Time violation.

Form Rev: 11/23/09 Printed: 07/14/2010

Logbook # A10-02-07
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
6/16/10	1755	HA	TD163	RTF0932-16	F0932	5mL	7	40
"	1819	"	TD164	-17	"	"	"	1
"	1842	"	TD165	-18	"	"	"	1
"	1906	"	TD166	10F1358-MS1	"	"	"	200
"	1931	"	TD167	-MSD1	"	"	"	200
"	1955	ND	TD168	08 @	"	"	"	10
"	2019	"	TD169	09 @	"	"	"	10
"	2043	"	TD170	10	"	"	"	1
"	2106	"	TD171	12	"	"	"	1
6/22/10	1237	HA	TD177	TDD26686-TUN1	7	5mL	7	7
"	—	"	TD178	1BLK	"	"	"	"
"	1325	"	TD179	-CAL1	"	"	"	"
"	1349	"	TD180	-CAL2	"	"	"	"
"	1413	"	TD181	-CAL3	"	"	"	"
"	1436	"	TD182	-CAL4	"	"	"	"
"	1501	"	TD183	-CAL5	"	"	"	"
"	1525	"	TD184	-CAL6	"	"	"	"
"	—	"	TD185	1BLK	"	"	"	"
"	1641	"	TD186	-CAL7	"	"	"	"
"	1704	"	TD187	-CAL8	"	"	"	"
"	1728	"	TD188	-CAL9	"	"	"	"
"	1752	"	TD189	-CALA	"	"	"	"
"	1816	"	TD190	-CALB	"	"	"	"
"	1839	"	TD191	-CALC	"	"	"	"
"	1903	"	TD192	-SCV1	"	"	"	"
"	1927	"	TD193	MIX @ 1.0	"	"	"	"

REVIEWED BY _____ PAGE 000103

426433

GC/MS VOLATILE INJECTION LOG
Logbook # A10-02-07
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	~~RTD7332~~	HA	X	
	RTD7232	6/16	X	
	7233		X	
RTD5332	"		X	
"	"		X	
"	"		X	
"	"		X	
"	"		X	
RTD7814	RTD7232	—	—	PASS
—	7233	—	—	
~~RTD7952~~ RTD7670	"	—	—	8260 (R10F094)
~~RTD7953~~ RTD7672	"	—	—	
~~RTD7954~~ RTD7673	"	—	—	
~~RTD7955~~ RTD7674	"	—	—	
~~RTD7956~~ RTD7675	"	—	—	
~~RTD7957~~ RTD7676	"	—	—	
HA — 6/22/10	—	—	—	
~~RTD7958~~ RTD7226	"	—	—	8260 AMD (R10F094-AMD)
~~RTD7959~~ RTD7227	"	—	—	
~~RTD7960~~ RTD7228	"	—	—	
~~RTD7961~~ RTD7229	"	—	—	
~~RTD7962~~ RTD7230	"	—	—	
~~RTD7963~~ RTD7231	"	—	—	
~~RTD7697~~ RTD7677	"	—	—	

REVIEWED BY _____ PAGE 000104

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/8/10	0900	ND	T0696	RTG0536-03 (E)	G0536	5mL	—	20
7/9/10	1133	[illegible]	TD697	TOD3033-TUN1	QC	1mL	—	—
	1157		TD698	-CCV1		5mL	—	
	1221		TD699	-CCV2			—	
	1251		TD700	10G0418-BS1			—	
	1315		TD701	-BLK1			—	
	1423		TD702	10G0428-BLK1			5.00	1
	1455		TD703	RTG0515-02REI	G0515		5.01	1
	1519		TD704	10G0428-BS1	QC		5.00	1
	1536		TD705	10G0219-BLK2			5.00	1
	1607		TD706	-BS2			5.00	1
	1631		TD707	RTF1541-02REI	F1541		5.06	1
	1655		TD708	RTF1431-01	F1431		5.19	25
	1719		TD709	RTG0573-04	G0573		5.07	1
	1743		TD710	RTF1415-10REI	F1415		6.14	25
	1809		TD711	RTF1403-01REI	F1403		—	50
	1844		TD712	10G0471-BS1	QC		5.00	1
	1907		TD713	-BLK1			5.00	1
	1932		TD714	RTG0418-04REI	G0418		5.80	1
	1956		TD715	10G0113-BS2	QC		5.07	1
	2019		TD716	-BLK2			5.13	1
	2044		TD717	RTG0474-03REI	G0474		5.85	1
	2107		TD718	-05RA			4.93	1
	2131		TD719	10H0418-MS1	F1403		—	50
	2155		TD720	-MSD1			—	50
7/9/10	0955	[illegible]	TD721	TOD3056-TUN1		5mL		
	1023		TD722	-CCV1				
	1052		TD723	-CCV2				
	1116		TD724	10H0516-BS1				
	1146		TD725	-BLK1				
	1218		TD726	RTH0721-01	G0721			1
	1242		TD727	-02				1
	1306		TD728	-03				1
	1330		TD729	-04				1
	1353		TD730	-05				1
	1417		TD731	-06				1
	1441		TD732	-07				1
	1505		TD733	-08				1

427433

REVIEWED BY_____ PAGE 000131

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
—	RTD7232/7233		~7	
RTO7814			—	
RTO7983			—	8260 (R10F094)
RTO8536			—	Add (R10F094-Add)
RTO8279			—	
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			X	
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
			—	ML
RTO7814	RTD7232/7233		—	PASS
RTO7983			—	8260 (R10F094)
RTO8536			—	ADD (R10F094-ADD)
RTO8279			—	
			—	
		Y	X	@4x
			X	
			X	
			X	
			X	
			X	
			X	
			X	

REVIEWED BY_____ PAGE 000132

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/9/10	1529	LA	T0734	RTG0721-09	G0721	5mL		1
	1552		T0735	-10				1
	1616		T0736	-11				1
	1640		T0737	-12				1
	1704		T0738	10G0516-MS1				1
	1728		T0739	-MSD1				1
	1752		T0740	-15				1
	1816		T0741	-16				1
	1839		T0742	-17				1
	1903		T0743	-18				1
	1927		T0744	-19				1
	1951		T0745	RTF1431-01mL	F1431		5.19	5
	2015		T0746	RTG0705-01	G0705		—	50,000
	2039		T0747	1BLK	—		—	—
	2103		T0748	1BLK	—		—	—
2126	2150		T0749	RTG0506-01mL	G0506		2.52	1,000
	2150		T0750	1BLK	—		—	—
	2214		T0751	1BLK	—		—	—
7/10/10	0935	NID	T0752	T003080-TUN1	CPC	1mL		
	0956		T0753	-CCV1		5mL		
	1020		T0754	-CCV2				
	1044		T0755	10G0611-BS1				
	1108		T0756	-BLK1				
	1156		T0757	RTG0593-01	G0593			1
	1220		T0758	02				1
	1243		T0759	03				1
	1307		T0760	04				1
	1331		T0761	05				1
	1355		T0762	06				1
	1419		T0763	RTG0700-01	G0700			1
	1443		T0764	02				1
	1507		T0765	03 (F)				20
	1530		T0766	04				1
	1554		T0767	05				1
	1618		T0768	06				1
	1643		T0769	07				1
	1706		T0770	08				1
	1730		T0771	RTG0721-06RE1	G0721			2

428/433

REVIEWED BY_____ PAGE 000133

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	RT07232/		X	
	7233		✓7	
			X	
			X	
RT08279			X	
			✓7	
			X	
			X	
			X	
			X	
			X	
	/8468		—	
			X	
			—	
			—	
			—	
			—	
			—	
RT07814			—	PASS
RT07983	RT07232/	—	—	83260 (R10F094)
RT08536	7233	—	—	ADD (R10F094-ADD)
RT08279		—	—	
		—	—	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			✓7	
			X	
			X	
			X	
			X	
			X	
			X	

REVIEWED BY_____ PAGE 000134

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/10/10	1754	ND	T0772	PTG0721-7IPE1	G0721	5uL	7	4
	1819	1	T0773	12PE1	1	1		9
1	1841	1	T0774	15PE1	1	1	1	4
			T0775					
			T0776					

REVIEWED BY_____ PAGE 000135

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-07
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
1	RT07321		X	
	7233		f	
	1		f	

REVIEWED BY_____ PAGE 000136

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. WL	D.F.
7/6/10	0931	JHC	G0143	10G0204 - BLK1	QC	5 mL	—	—
	0954		144	10G0219 - BS1			5.00	—
	1101		45	BLK1			5.00	—
	1132		46	RTF1541-02 REI ×2	F1541 ×2		5.06	1
	1155		47	RTF1400-16	F1400		5.07	1
	1218		48	24	1		5.06	1
	1242		49	RTF1415-06 REI	F1415		—	25
	1306		50	07 ②				20
	1330		51	10 REI ×10	1			25
	1354		52	RTF1403-01 REI ×2	F1403			50
	1418		53	RTF1482-01	F1482			1
	1442		54	02				1
	1506		55	03				1
	1530		56	04				1
	1554		57	05				1
	1617		58	RTF1484-01	F1484			1
	1640		59	02				1
	1704		60	03				1
	1727		61	04				1
	1750		62	05				1
	1813		63	RTF1536-01	F1536			1
	1836		64	02				1
	1859		65	03				1
	1923		66	04				1
	1946		67	05				1
	2006		68	06				1
	2032		69	10G0204 - MS1	QC/MS			50
	2054		70	MSD1	1	1		50
7/8/10	1055	JHC	G0171	TOO3005 - TUN1	QC	1 mL		—
	—		72	IBLK		5 µL		—
	1141		73	CAL1				—
	1202		74	CAL2				—
	1226		75	CAL3				—
	1249		76	CAL4				—
	1311		77	CAL5				—
	1332		78	CAL6				—
	—		79	IBLK				—
	1418		80	CAL7				—

REVIEWED BY _____ PAGE 000063

430/433

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev 1, 11/09

STD #	IS/SS MIX #	Reject	pH <2	Comments
	R108178/8176		—	
RT06858	1620		—	
		Y	—	Bad Purge
			—	
			—	
		N	X	
		Y	X	Bad Purge
		Y	X	⊥
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
		Y	X	Bad Purge
			X	
		Y	X	Bad Purge
		Y	X	
		Y	X	↓
		Y	X	
RT08381		N	X	Not req
⊥		N	X	⊥
RT07814				PASS
	R108178/			
RT08604	8176			8260
RTO 8605				(R10G037)
RTO 8606				
RTO 8607				
RTO 8608				
RTO 8609				
RTO8610				

REVIEWED BY _____ PAGE 000064

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7-9-10	1441	JHC	G-0181	CAL8	QC	5uL	5	1
	1504		82	CAL9				
	1527		83	CALA				
	1550		84	CALD				
	1612		85	CALC				
	—		86	BLK				
	1657		87	TOO3005 ~~DBLK~~ - SCV1				

REVIEWED BY_____ PAGE 000085

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev 1, 11/09

STD #	IS/SS MIX #	Reran?	pH <2	Comments
RTO8611	RTO8178			
RTO 8612	8176			
RTO 8613				Add (R10G-037-Add)
RTO 8614				
RTO 8615				

REVIEWED BY_____ PAGE 000086

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/10/10	2014	ND	G0216	100308S-IWI	QC	1uL	7	7
	2037		G0217	-CCV1		5uL		
	2059		G0218	10G0633-BS1				
	2121		G0219	-BLK1				
	2148		G0220	PTG0474-03RE1	G0474		5.25	2
	2210		G0221	PTG0506-01	G0506		1.252	50
	2232		G0222	PTG0688-01	G0688			1
	2254		G0223	02				1
	2316		G0224	03				1
	2328		G0225	04				1
7 QD	0000		G0226	10G0633-MS1				1
	0022		G0227	MSD1				1
	0044		G0228	07				1
	0106		G0229	08				1
	0128		G0230	09				1
	0150		G0231	10				1
	0211		G0232	11				1
	0233		G0233	12				1
	0255		G0234	13				1
	0317		G0235	14				1
	0339		G0236	PTG0721-01RE1	G0721			4

4324433

REVIEWED BY_____ PAGE 000067

GC/MS VOLATILE INJECTION LOG

Logbook # A10-02-16
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
PTD9814				DXTS
PTD8382	PTD8178			82601 (P10G037)
PTD8381	8176			
			X	
			X	
			X	
			X	
PTD8381			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	

REVIEWED BY_____ PAGE 000068

Volatile Organic Example Calculation

METHOD 8260/624/OLM04.3

Aqueous Matrix

$$\frac{\text{Amt (ug/L)} \times \text{DF}}{} = \text{ug/l}$$

Amt = ug/L on column
DF=Dilution Factor (no units)

METHOD 8260/OLM04.3

Medium-Level Soil Matrix

$$\frac{\text{Amt (UG/L} \times \text{DF} \times \text{FV}}{\text{SW} \times \text{DDW} \times \text{inj Vol}} \times 1000 = \text{ug/kg}$$

Amt = Amount on column (ug/L x 5 =ng)
DF=Dilution Factor (no units)
FV= Final Volume (ml) (FV /50)
Inj Vol= injection volume(ul)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

METHOD 8260/OLM04.3

Low-Level Soil Matrix

$$\frac{\text{Amt (ng)} \times \text{DF}}{\text{SW} \times \text{DDW}} = \text{ug/kg}$$

Amt = ng on column
DF=Dilution Factor (no units)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS

Appendix E

Data-Usability Summary Reports

ARCADIS
Infrastructure, environment, facilities

Imagine the result

Lockheed Martin Corporation-
Utica, NY Site

Data Usability Summary Report

UTICA, NEW YORK

Volatile Analyses

SDG# RTG0521

Analyses Performed By:
TestAmerica Laboratories
Buffalo, New York

Report: # 12490R
Review Level: Tier III
Project: NJ001018.0001.0002

SUMMARY

The following is an assessment of the data package for Sample Delivery Group (SDG) RTG 0521for sampling from the Lockheed Martin Corporation Utica Site. Included with this assessment are the corrected sample results, sample compliance report, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
WL-7(10-12)	RTG0521-01	Water	07/01/2010		X				
WL-7(24-26)	RTG0521-02	Water	07/01/2010		X				
WL-7(38-40)	RTG0521-03	Water	07/01/2010		X				
WL-1(7-9)	RTG0521-04	Water	07/02/2010		X				
WL-1(11-13)	RTG0521-05	Water	07/02/2010		X				
WL-1(23-25)	RTG0521-06	Water	07/02/2010		X				
WL-1(30-32)	RTG0521-07	Water	07/02/2010		X				
WL-2(8-10)	RTG0521-08	Water	07/02/2010		X				
WL-2(12-14)	RTG0521-09	Water	07/02/2010		X				
WL-2(26-28)	RTG0521-10	Water	07/02/2010		X				
WL-2(30-32)	RTG0521-11	Water	07/02/2010		X				
WL-3(10-12)	RTG0521-12	Water	07/02/2010		X				
WL-3(24-26)	RTG0521-13	Water	07/02/2010		X				
WL-3(30-32)	RTG0521-14	Water	07/02/2010		X				
DUP070210	RTG0521-17	Water	07/02/2010	WL-3(24-26)	X				
TripBlank	RTG0521-18	Water	07/02/2010		X				

Note: Samples WL-7(24-26) and WL-7(38-40) were combined for analysis.

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency USEPA SW-846 Method 8260B (selected compound list reported). Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cool to 4°C±2°C; preserved to a pH of less than 2 s.u.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cool to 4°C±2°C.

s.u. Standard units

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate

sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices or three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
WL-3(24-26)/DUP070210	Acetone	6.2 J	4.4 J	AC
	Trichloroethene	13	ND (1.0)	NC

AC Acceptable
NC Not compliant
ND Not detected

The compound Trichloroethene associated with sample locations WL-3(24-26) and DUP070210 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
WL-7(10-12)	1,2 Dichloroethene	110 E	120 D	120 D
	Cis-1,2-Dichloroethene	110 E	120 D	120 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks					X
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate(LCSD)		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS)					X
Matrix Spike Duplicate(MSD)					X
MS/MSD Precision (RPD)					X
Field/Lab Duplicate (RPD)		X	X		
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					

RPD Relative percent difference
%D Percent difference

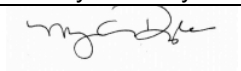
SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST /HERB	MET	MISC	
RTG0521-01	07/01/2010	SW-846 8260B	WL-7(10-12)	Water	Yes	--	--	--	--	
RTG0521-02	07/01/2010	SW-846 8260B	WL-7(24-26)	Water	Yes	--	--	--	--	
RTG0521-03	07/02/2010	SW-846 8260B	WL-7(38-40)	Water	Yes	--	--	--	--	
RTG0521-04	07/02/2010	SW-846 8260B	WL-1(7-9)	Water	Yes	--	--	--	--	
RTG0521-05	07/02/2010	SW-846 8260B	WL-1(11-13)	Water	Yes	--	--	--	--	
RTG0521-06	07/02/2010	SW-846 8260B	WL-1(23-25)	Water	Yes	--	--	--	--	
RTG0521-07	07/02/2010	SW-846 8260B	WL-1(30-32)	Water	Yes	--	--	--	--	
RTG0521-08	07/02/2010	SW-846 8260B	WL-2(8-10)	Water	Yes	--	--	--	--	
RTG0521-09	07/02/2010	SW-846 8260B	WL-2(12-14)	Water	Yes	--	--	--	--	
RTG0521-10	07/02/2010	SW-846 8260B	WL-2(26-28)	Water	Yes	--	--	--	--	
RTG0521-11	07/02/2010	SW-846 8260B	WL-2(30-32)	Water	Yes	--	--	--	--	
RTG0521-12	07/02/2010	SW-846 8260B	WL-3(10-12)	Water	Yes	--	--	--	--	
RTG0521-13	07/02/2010	SW-846 8260B	WL-3(24-26)	Water	No	--	--	--	--	VOC-Field Duplicate RPD
RTG0521-14	07/02/2010	SW-846 8260B	WL-3(30-32)	Water	Yes	--	--	--	--	
RTG0521-17	07/02/2010	SW-846 8260B	DUP070210	Water	No	--	--	--	--	VOC-Field Duplicate RPD
RTG0521-18	07/02/2010	SW-846 8260B	TripBlank	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added

qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY:	Mary Ann Doyle
SIGNATURE:	
DATE:	July 30, 2010
VALIDATION PEER REVIEW BY:	Dennis Capria
DATE:	August 4, 2010

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

12490

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01 (WL-7 (10-12) - Water)						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethene, Total	446 120	P6,E D	2.0	0.70	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Acetone	8.9	P6,J	10	3.0	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Benzene	2.0	P6	1.0	0.41	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
cis-1,2-Dichloroethene	440 120	P6,E D	1.0	0.81	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Cyclohexane	0.97	P6,J	1.0	0.18	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methylcyclohexane	0.66	P6,J	1.0	0.16	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Tetrachloroethene	0.91	P6,J	1.0	0.36	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Toluene	1.0	P6	1.0	0.51	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
trans-1,2-Dichloroethene	1.1	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Trichloroethene	6.2	P6	1.0	0.46	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01 (WL-7 (10-12) - Water) - cont.						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Vinyl chloride	24	P6	1.0	0.90	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
Xylenes, total	2.3	P6	2.0	0.66	ug/L	1.00	07/06/10 15:58	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	P6	*Surr Limits: (66-137%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*	P6	*Surr Limits: (73-120%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*98 %*	P6	*Surr Limits: (71-126%)*				*07/06/10 15:58*	*TRB*	*10G0253*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01RE1 (WL-7 (10-12) - Water)						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2,2-Tetrachloroethane	ND	D08, P6	2.0	0.43	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2-Trichloroethane	ND	D08, P6	2.0	0.46	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08, P6	2.0	0.62	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1-Dichloroethane	ND	D08, P6	2.0	0.77	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,1-Dichloroethene	ND	D08, P6	2.0	0.59	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2,4-Trichlorobenzene	ND	D08, P6	2.0	0.82	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dibromo-3-chloropropane	ND	D08, P6	2.0	0.79	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dibromoethane (EDB)	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichlorobenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethane	ND	D08, P6	2.0	0.43	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethene, Total	120	D08, P6	4.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloropropane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,3-Dichlorobenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,4-Dichlorobenzene	ND	D08, P6	2.0	1.7	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
2-Butanone (MEK)	ND	D08, P6	20	2.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
2-Hexanone	ND	D08, P6	10	2.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08, P6	10	4.2	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Acetone	9.9	D08, P6,J	20	6.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Benzene	2.1	D08, P6	2.0	0.82	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromodichloromethane	ND	D08, P6	2.0	0.77	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromoform	ND	D08, P6	2.0	0.51	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Bromomethane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Carbon disulfide	ND	D08, P6	2.0	0.39	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Carbon Tetrachloride	ND	D08, P6	2.0	0.53	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chlorobenzene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chlorodibromomethane	ND	D08, P6	2.0	0.64	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloroethane	ND	D08, P6	2.0	0.65	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloroform	ND	D08, P6	2.0	0.67	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Chloromethane	ND	D08, P6	2.0	0.69	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
cis-1,2-Dichloroethene	120	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
cis-1,3-Dichloropropene	ND	D08, P6	2.0	0.71	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Cyclohexane	1.1	D08, P6,J	2.0	0.36	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Dichlorodifluoromethane	ND	D08, P6	2.0	1.4	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Ethylbenzene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Isopropylbenzene	ND	D08, P6	2.0	1.6	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methyl Acetate	ND	D08, P6	2.0	1.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methyl tert-Butyl Ether	ND	D08, P6	2.0	0.32	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methylcyclohexane	ND	D08, P6	2.0	0.32	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Methylene Chloride	ND	D08, P6	2.0	0.88	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Styrene	ND	D08, P6	2.0	1.5	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Tetrachloroethene	ND	D08, P6	2.0	0.73	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Toluene	1.1	D08, P6,J	2.0	1.0	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
trans-1,2-Dichloroethene	ND	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
trans-1,3-Dichloropropene	ND	D08, P6	2.0	0.74	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Trichloroethene	7.2	D08, P6	2.0	0.92	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-01RE1 (WL-7 (10-12) - Water) - cont.						**Sampled: 07/01/10 13:30**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Vinyl chloride	27	D08, P6	2.0	1.8	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
Xylenes, total	2.3	D08, P6,J	4.0	1.3	ug/L	2.00	07/07/10 11:03	TRB	10G0303	8260B
1,2-Dichloroethane-d4	*92 %*	*D08, P6*	*Surr Limits: (66-137%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*
4-Bromofluorobenzene	*94 %*	*D08, P6*	*Surr Limits: (73-120%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*
Toluene-d8	*97 %*	*D08, P6*	*Surr Limits: (71-126%)*				*07/07/10 11:03*	*TRB*	*10G0303*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-02 (WL-7 (24-26) - Water)						**Sampled: 07/01/10 15:55**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6, S13	1.0	0.82	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6, S13	1.0	0.23	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	0.97	P6, S13,J	1.0	0.31	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6, S13	1.0	0.38	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6, S13	1.0	0.29	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6, S13	1.0	0.41	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethene, Total	17	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6, S13	1.0	0.72	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6, S13	1.0	0.78	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6, S13	1.0	0.84	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6, S13	10	1.3	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
2-Hexanone	ND	P6, S13	5.0	1.2	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6, S13	5.0	2.1	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Acetone	28	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Benzene	0.55	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromodichloromethane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromoform	ND	P6, S13	1.0	0.26	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Bromomethane	ND	P6, S13	1.0	0.69	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Carbon disulfide	ND	P6, S13	1.0	0.19	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6, S13	1.0	0.27	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chlorobenzene	ND	P6, S13	1.0	0.75	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloroethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloroform	ND	P6, S13	1.0	0.34	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Chloromethane	ND	P6, S13	1.0	0.35	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
cis-1,2-Dichloroethene	17	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6, S13	1.0	0.36	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Cyclohexane	ND	P6, S13	1.0	0.18	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6, S13	1.0	0.68	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Ethylbenzene	ND	P6, S13	1.0	0.74	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Isopropylbenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methyl Acetate	ND	P6, S13	1.0	0.50	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methylcyclohexane	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Methylene Chloride	ND	P6, S13	1.0	0.44	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Styrene	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Tetrachloroethene	0.61	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Toluene	0.65	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6, S13	1.0	0.37	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Trichloroethene	3.1	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-02 (WL-7 (24-26) - Water) - cont.						**Sampled: 07/01/10 15:55**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6, S13~~	1.0	0.88	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Vinyl chloride	ND	~~P6, S13~~	1.0	0.90	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
Xylenes, total	ND	~~P6, S13~~	2.0	0.66	ug/L	1.00	07/06/10 16:20	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	~~*P6, S13*~~	*Surr Limits: (66-137%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	~~*P6, S13*~~	*Surr Limits: (73-120%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	~~*P6, S13*~~	*Surr Limits: (71-126%)*				*07/06/10 16:20*	*TRB*	*10G0253*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-03 (WL-7 (38-40) - Water)						**Sampled: 07/01/10 15:10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6, S13	1.0	0.82	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6, S13	1.0	0.23	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	1.4	P6, S13	1.0	0.31	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6, S13	1.0	0.38	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6, S13	1.0	0.29	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6, S13	1.0	0.41	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6, S13	1.0	0.21	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethene, Total	18	P6, S13	2.0	0.70	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6, S13	1.0	0.72	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6, S13	1.0	0.78	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6, S13	1.0	0.84	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6, S13	10	1.3	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
2-Hexanone	ND	P6, S13	5.0	1.2	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6, S13	5.0	2.1	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Acetone	16	P6, S13	10	3.0	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Benzene	0.61	P6, S13,J	1.0	0.41	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromodichloromethane	ND	P6, S13	1.0	0.39	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromoform	ND	P6, S13	1.0	0.26	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Bromomethane	ND	P6, S13	1.0	0.69	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Carbon disulfide	ND	P6, S13	1.0	0.19	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6, S13	1.0	0.27	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chlorobenzene	ND	P6, S13	1.0	0.75	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloroethane	ND	P6, S13	1.0	0.32	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloroform	ND	P6, S13	1.0	0.34	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Chloromethane	ND	P6, S13	1.0	0.35	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
cis-1,2-Dichloroethene	18	P6, S13	1.0	0.81	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6, S13	1.0	0.36	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Cyclohexane	ND	P6, S13	1.0	0.18	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6, S13	1.0	0.68	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Ethylbenzene	ND	P6, S13	1.0	0.74	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Isopropylbenzene	ND	P6, S13	1.0	0.79	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methyl Acetate	ND	P6, S13	1.0	0.50	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methylcyclohexane	ND	P6, S13	1.0	0.16	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Methylene Chloride	ND	P6, S13	1.0	0.44	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Styrene	ND	P6, S13	1.0	0.73	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Tetrachloroethene	0.59	P6, S13,J	1.0	0.36	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Toluene	0.60	P6, S13,J	1.0	0.51	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6, S13	1.0	0.37	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Trichloroethene	4.0	P6, S13	1.0	0.46	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-03 (WL-7 (38-40) - Water) - cont.						**Sampled: 07/01/10 15:10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6, S13	1.0	0.88	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Vinyl chloride	ND	P6, S13	1.0	0.90	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
Xylenes, total	ND	P6, S13	2.0	0.66	ug/L	1.00	07/06/10 16:43	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*93 %*	*P6, S13*	*Surr Limits: (66-137%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	*P6, S13*	*Surr Limits: (73-120%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	*P6, S13*	*Surr Limits: (71-126%)*				*07/06/10 16:43*	*TRB*	*10G0253*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-04 (WL-1 (7-9) - Water)						**Sampled: 07/02/10 09:42**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethene, Total	3.1	P6	2.0	0.70	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Acetone	4.1	P6,J	10	3.0	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.1	P6	1.0	0.81	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-04 (WL-1 (7-9) - Water) - cont.						**Sampled: 07/02/10 09:42**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 17:04	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	P6	*Surr Limits: (66-137%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	P6	*Surr Limits: (73-120%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*96 %*	P6	*Surr Limits: (71-126%)*				*07/06/10 17:04*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-05 (WL-1 (11-13) - Water)						**Sampled: 07/02/10 09:32**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	0.95	P6,J	1.0	0.82	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	1.3	P6	1.0	0.31	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethene, Total	3.3	P6	2.0	0.70	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Acetone	3.7	P6,J	10	3.0	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
cis-1,2-Dichloroethene	3.3	P6	1.0	0.81	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Trichloroethene	44	P6	1.0	0.46	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-05 (WL-1 (11-13) - Water) - cont.						**Sampled: 07/02/10 09:32**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 17:26	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	P6	*Surr Limits: (66-137%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	P6	*Surr Limits: (73-120%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*	P6	*Surr Limits: (71-126%)*				*07/06/10 17:26*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-06 (WL-1 (23-25) - Water)						**Sampled: 07/02/10 10:41**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethene, Total	31		2.0	0.70	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Acetone	5.5	J	10	3.0	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Carbon disulfide	0.60	J	1.0	0.19	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Trichloroethene	3.6		1.0	0.46	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-06 (WL-1 (23-25) - Water) - cont.						**Sampled: 07/02/10 10:41**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Vinyl chloride	6.1		1.0	0.90	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 17:48	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*91 %*		*Surr Limits: (73-120%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/06/10 17:48*	*TRB*	*10G0253*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-07 (WL-1 (30-32) - Water)						**Sampled: 07/02/10 10:29**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Acetone	7.5	P6,J	10	3.0	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Trichloroethene	1.6	P6	1.0	0.46	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-07 (WL-1 (30-32) - Water) - cont.						**Sampled: 07/02/10 10:29**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~R6~~	1.0	0.88	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Vinyl chloride	ND	~~R6~~	1.0	0.90	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
Xylenes, total	ND	~~R6~~	2.0	0.66	ug/L	1.00	07/06/10 18:10	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	~~R6~~	*Surr Limits: (66-137%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*96 %*	~~R6~~	*Surr Limits: (73-120%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*97 %*	~~R6~~	*Surr Limits: (71-126%)*				*07/06/10 18:10*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-08 (WL-2 (8-10) - Water)						**Sampled: 07/02/10 11:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Acetone	3.0	J	10	3.0	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-08 (WL-2 (8-10) - Water) - cont.						**Sampled: 07/02/10 11:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 18:32	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*		*Surr Limits: (73-120%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/06/10 18:32*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-09 (WL-2 (12-14) - Water)						**Sampled: 07/02/10 11:54**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethene, Total	1.8	P6,J	2.0	0.70	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.8	P6	1.0	0.81	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Trichloroethene	9.9	P6	1.0	0.46	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-09 (WL-2 (12-14) - Water) - cont.						**Sampled: 07/02/10 11:54**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	R6	1.0	0.88	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Vinyl chloride	ND	R6	1.0	0.90	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
Xylenes, total	ND	R6	2.0	0.66	ug/L	1.00	07/06/10 18:53	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*90 %*	R6	*Surr Limits: (66-137%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	R6	*Surr Limits: (73-120%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*	R6	*Surr Limits: (71-126%)*				*07/06/10 18:53*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-10 (WL-2 (26-28) - Water)						**Sampled: 07/02/10 13:33**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethene, Total	2.7	P6	2.0	0.70	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Acetone	19	P6	10	3.0	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
cis-1,2-Dichloroethene	2.7	P6	1.0	0.81	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Trichloroethene	3.8	P6	1.0	0.46	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-10 (WL-2 (26-28) - Water) - cont.						**Sampled: 07/02/10 13:33**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~R6~~	1.0	0.88	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Vinyl chloride	ND	~~R6~~	1.0	0.90	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
Xylenes, total	ND	~~R6~~	2.0	0.66	ug/L	1.00	07/06/10 19:15	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	~~R6~~	*Surr Limits: (66-137%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	~~R6~~	*Surr Limits: (73-120%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*	~~R6~~	*Surr Limits: (71-126%)*				*07/06/10 19:15*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-11 (WL-2 (30-32) - Water)						**Sampled: 07/02/10 13:49**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethene, Total	1.3	P6,J	2.0	0.70	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Acetone	15	P6	10	3.0	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
cis-1,2-Dichloroethene	1.3	P6	1.0	0.81	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Trichloroethene	2.4	P6	1.0	0.46	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-11 (WL-2 (30-32) - Water) - cont.						**Sampled: 07/02/10 13:49**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	P6	1.0	0.88	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Vinyl chloride	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
Xylenes, total	ND	P6	2.0	0.66	ug/L	1.00	07/06/10 19:37	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*	P6	*Surr Limits: (66-137%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*93 %*	P6	*Surr Limits: (73-120%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*	P6	*Surr Limits: (71-126%)*				*07/06/10 19:37*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Sample ID: RTG0521-12 (WL-3 (10-12) - Water) — Sampled: 07/02/10 14:50 — Recvd: 07/03/10 09:30

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-12 (WL-3 (10-12) - Water) - cont.						**Sampled: 07/02/10 14:50**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 19:59	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*		*Surr Limits: (73-120%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*07/06/10 19:59*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-13 (WL-3 (24-26) - Water)						**Sampled: 07/02/10 15:08**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Acetone	6.2	P6,J	10	3.0	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Trichloroethene	13	J P6	1.0	0.46	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-13 (WL-3 (24-26) - Water) - cont.						**Sampled: 07/02/10 15:08**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	R6	1.0	0.88	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Vinyl chloride	ND	R6	1.0	0.90	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
Xylenes, total	ND	R6	2.0	0.66	ug/L	1.00	07/06/10 20:21	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*93 %*	R6	*Surr Limits: (66-137%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*	R6	*Surr Limits: (73-120%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*96 %*	R6	*Surr Limits: (71-126%)*				*07/06/10 20:21*	*TRB*	*10G0253*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-14 (WL-3 (30-32) - Water)						**Sampled: 07/02/10 15:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
2-Butanone (MEK)	2.6	P6,J	10	1.3	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Acetone	17	P6	10	3.0	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Trichloroethene	9.5	P6	1.0	0.46	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-14 (WL-3 (30-32) - Water) - cont.						**Sampled: 07/02/10 15:40**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6~~	1.0	0.88	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Vinyl chloride	ND	~~P6~~	1.0	0.90	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
Xylenes, total	ND	~~P6~~	2.0	0.66	ug/L	1.00	07/06/10 20:43	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*	~~P6~~	*Surr Limits: (66-137%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*	~~P6~~	*Surr Limits: (73-120%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*93 %*	~~P6~~	*Surr Limits: (71-126%)*				*07/06/10 20:43*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-17 (DUP070210 - Water)						**Sampled: 07/02/10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Acetone	4.4	J	10	3.0	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Trichloroethene	ND	J	1.0	0.46	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-17 (DUP070210 - Water) - cont.						**Sampled: 07/02/10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 21:49	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*94 %*		*Surr Limits: (73-120%)*				*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/06/10 21:49*	*TRB*	*10G0253*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-18 (TRIP BLANK - Water)						**Sampled: 07/02/10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1,2-Trichlorotrifluoroeth ane	ND		1.0	0.31	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dibromo-3-chloroprop ane	ND		1.0	0.39	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
trans-1,3-Dichloropropen e	ND		1.0	0.37	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
Albany, NY 12205

Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/03/10
Reported: 07/12/10 14:06

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0521-18 (TRIP BLANK - Water) - cont.						**Sampled: 07/02/10**		**Recvd: 07/03/10 09:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/06/10 22:11	TRB	10G0253	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*
4-Bromofluorobenzene	*92 %*		*Surr Limits: (73-120%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*
Toluene-d8	*91 %*		*Surr Limits: (71-126%)*				*07/06/10 22:11*	*TRB*	*10G0253*	*8260B*

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-412a (1007)

Client: Arcadis	Project Manager: Jeff Bonsteel	Date: 7/1/10 - 7/2/10	Chain of Custody Number: 126040
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x 19	Lab Number:	Page 1 of 2
City: Albany / State: NY / Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Condrie Fox	
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: UPS FEDEX		
Contract/Purchase Order/Quote No.: NJ001018.0201.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Solid	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOCs
WL-7 (10→12')	7/1/10	1330		X						3			X
WL-7 (24→26)	7/1/10	1555		X						3			X
WL-7 (34→40)	7/1/10	1570		X						3			X
WL-1 (7→9)	7/2/10	9:42		X						3			X
WL-1 (11-13)	7/2/10	9:32		X						3			X
WL-1 (23-25)	7/2/10	1041		X						3			X
WL-1 (30-32)	7/2/10	1029		X						3			X
WL-2 (8-10)	7/2/10	1140		X						3			X
WL-2 (12-14)	7/2/10	1157		X						3			X
WL-2 (26-28)	7/2/10	1333		X						3			X
WL-2 (30-32)	7/2/10	1349		X						3			X
WL-3 (10-12)	7/2/10	1450		X						3			X

Special Instructions/ Conditions of Receipt

54/309

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Ricardo Jaimes	7/2/10	18:59	1. Received By:	7/3/10	0935
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments: Please Report Results to J. Bonsteel

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ARCADIS	Project Manager: Jeff Bonstedt	Date: 7/2/10	Chain of Custody Number: 126088
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x19	Lab Number:	Page 2 of 2
City: Albany	State: NY	Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Candice Foy
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: FEDEX		
Contract/Purchase Order/Quote No.: NJ001018.0001.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOCs
WL-3 (24-26)	7/2/10	1508		X						3			X
WL-3 (30-32)	7/2/10	1540		X						3			X
WL-3 (30-32) MS	7/2/10	1540		X						3			X
WL-3 (30-32) MSD	7/2/10	1540		X						3			X
DUP070210	7/2/10	—		X						3			X
TRIP BLANK	7/2/10	—		X						3			X

Special Instructions/ Conditions of Receipt

55/309

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Ricardo Jaimes	Date: 7/2/10	Time: 19:59	1. Received By:	Date: 7/3/10	Time: 0430
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: Please report Results to J. Bonstedt

20

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

ARCADIS
Infrastructure, environment, facilities

Imagine the result

Lockheed Martin Corporation-
Utica, NY Site

Data Usability Summary Report

UTICA, NEW YORK

Volatile Analyses

SDG# RTG0721

Analyses Performed By:
TestAmerica Laboratories
Buffalo, New York

Report: # 12537R
Review Level: Tier III
Project: NJ001018.0001.0002

SUMMARY

The following is an assessment of the data package for Sample Delivery Group (SDG) RTG 0721 for sampling from the Lockheed Martin Corporation Utica Site. Included with this assessment are the corrected sample results, sample compliance report, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
WL-5(10-12)	RTG0721-01	Water	07/06/2010		X				
WL-5(19-21)	RTG0721-02	Water	07/06/2010		X				
WL-5(30-32)	RTG0721-03	Water	07/06/2010		X				
WL-4(10-12)	RTG0721-04	Water	07/06/2010		X				
WL-4(24-26)	RTG0721-05	Water	07/06/2010		X				
WL-6(10-12)	RTG0721-06	Water	07/06/2010		X				
WL-6(30-32)	RTG0721-07	Water	07/06/2010		X				
WL-8(25-27)	RTG0721-08	Water	07/06/2010		X				
WL-8(30-32)	RTG0721-09	Water	07/06/2010		X				
WL-4(30-32)	RTG0721-10	Water	07/06/2010		X				
WL-8(10-12)	RTG0721-11	Water	07/07/2010		X				
WL-9(10-12)	RTG0721-12	Water	07/07/2010		X				
DUP070710	RTG0721-15	Water	07/07/2010	WL-8(10-12)	X				
FB070710	RTG0721-16	Water	07/07/2010		X				
WL-9(25-27)	RTG0721-17	Water	07/07/2010		X				
WL-9(30-32)	RTG0721-18	Water	07/07/2010		X				
TB070710	RTG0721-19	Water	07/07/2010		X				

Note: The MS/MSD was performed on sample WL-9(10-12).

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260B (selected compound list reported). Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cool to 4°C±2°C; preserved to a pH of less than 2 s.u.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cool to 4°C±2°C.

s.u. Standard units

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
All samples within this SDG	ICV %RSD	Bromomethane	33.3%
All samples within this SDG	CCV %D	1,1,2-Trichlorotrifluoromethane	42.7%
		Cyclohexane	29.5%
		Trichlorofluoromethane	26.9%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

Sample locations associated with the MS/MSD exhibiting recoveries outside of the control limits are presented in the following table.

Sample Locations	Compound	MS Recovery	MSD Recovery
WL-9(10-12)	Trichloroethene	AC	>UL

AC Acceptable

The criteria used to evaluate the MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
Parent sample concentration > four times the MS/MSD spiking solution concentration.	Detect	No Action
	Non-detect	

Sample locations associated with MS/MSD recoveries exhibiting an RPD greater than of the control limit presented in the following table.

Sample Locations	Compound
WL-9(10-12)	1,1,2-Trichlorotrifluoroethane

The criteria used to evaluate the RPD between the MS/MSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ
	Detect	J

8. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices or three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
WL-8(10-12)/DUP070710	1,2-Dichlorobenzene	5.4	5.7	5.4%
	1,2-Dichloroethene	2.2	2.4	AC
	Benzene	1.2	1.2	AC
	cis-1,2-Dichloroethene	1.4	1.4	AC
	Cyclohexane	26	26	AC
	Ethylbenzene	150	150	AC
	Isopropylbenzene	3.0	3.1	AC
	Methylcyclohexane	12	12	AC
	Toluene	10	11	9.5%
	Vinyl Chloride	1.1	1.2	8.6%
	Xylenes, Total	340	350	2.9%

AC Acceptable
NC Not compliant
ND Not detected

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
WL-5(10-12)	Cis-1,2 Dichloroethene	180 E	190 D	190 D
WL-6(10-12)	Cis-1,2-Dichloroethene	140E	140 D	140 D
WL-8(10-12)	Ethlylbenzene	160 E	150 E	150 D
	Xylenes, Total	360 E	340 D	340 D
WL-9(10-12)	Trichloroethene	450 E	420 D	420 D
DUP071010	Ethylbenzene	160 E	150 D	150 D
	Xylenes, Total	360 E	350 D	350 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks					X
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate(LCSD)		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		X	X		
MS/MSD Precision (RPD)		X	X		
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X	X		
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					

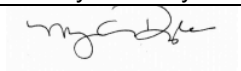
RPD Relative percent difference
%D Percent difference

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST /HERB	MET	MISC	
RTG0721-01	07/06/2010	SW-846 8260B	WL-5(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D, Dilution
RTG0721-02	07/06/2010	SW-846 8260B	WL-5(19-21)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-03	07/06/2010	SW-846 8260B	WL-5(30-32)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-04	07/06/2010	SW-846 8260B	WL-4(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-05	07/06/2010	SW-846 8260B	WL-4(24-26)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-06	07/06/2010	SW-846 8260B	WL-6(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D, Dilution
RTG0721-07	07/06/2010	SW-846 8260B	WL-6(30-32)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-08	07/06/2010	SW-846 8260B	WL-8(25-27)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-09	07/06/2010	SW-846 8260B	WL-8(30-32)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-10	07/06/2010	SW-846 8260B	WL-4(30-32)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-11	07/07/2010	SW-846 8260B	WL-8(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D, Dilution
RTG0721-12	07/07/2010	SW-846 8260B	WL-9(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D, MSD/RPD, Dilution
RTG0721-15	07/07/2010	SW-846 8260B	DUP070710	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D, Dilution
RTG0721-16	07/07/2010	SW-846 8260B	FB070710	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-17	07/07/2010	SW-846 8260B	WL-9(25-27)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-18	07/07/2010	SW-846 8260B	WL-9(30-32)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-19	07/07/2010	SW-846 8260B	TB070710	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-01	07/06/2010	SW-846 8260B	WL-5(10-12)	Water	No	--	--	--	--	VOC- ICV%RSD, CCV %D
RTG0721-02	07/06/2010	SW-846 8260B	WL-5(19-21)	Water	No	--	--	--	14-	VOC- ICV%RSD, CCV %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY:	Mary Ann Doyle
SIGNATURE:	
DATE:	August 4, 2010
VALIDATION PEER REVIEW BY:	Joseph C Houser
DATE:	August 12, 2010

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

12537R

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01 (WL-5 (10-12) - Water)						**Sampled: 07/08/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	1.0	J	1.0	0.31	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,1-Dichloroethene	0.77	J	1.0	0.29	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethene, Total	180		2.0	0.70	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Benzene	2.5		1.0	0.41	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
cis-1,2-Dichloroethene	~~180~~ 190	E D	1.0	0.81	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Cyclohexane	3.4	J	1.0	0.18	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Tetrachloroethene	0.81	J	1.0	0.36	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Toluene	2.1		1.0	0.51	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
trans-1,2-Dichloroethene	2.2		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Trichloroethene	5.0		1.0	0.46	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01 (WL-5 (10-12) - Water) - cont.						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Vinyl chloride	78		1.0	0.90	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
Xylenes, total	1.5	J	2.0	0.66	ug/L	1.00	07/09/10 12:18	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*07/09/10 12:18*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Sample ID: RTG0721-01RE1 (WL-5 (10-12) - Water) **Sampled: 07/06/10 11:25** **Recvd: 07/08/10 10:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	4.0	1.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichlorobenzene	ND	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethene, Total	200	D08	8.0	2.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Benzene	2.2	D08,J	4.0	1.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Bromomethane	ND	D08	4.0	2.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
cis-1,2-Dichloroethene	190	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Cyclohexane	3.1	D08,J	4.0	0.72	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Ethylbenzene	ND	D08	4.0	3.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methylcyclohexane	ND	D08	4.0	0.64	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Toluene	ND	D08	4.0	2.0	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
trans-1,3-Dichloropropene	ND	D08	4.0	1.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Trichloroethene	4.1	D08	4.0	1.8	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-01RE1 (WL-5 (10-12) - Water) - cont.						**Sampled: 07/06/10 11:25**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Vinyl chloride	77	D08	4.0	3.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
Xylenes, total	ND	D08	8.0	2.6	ug/L	4.00	07/12/10 03:39	NMD	10G0633	8260B
1,2-Dichloroethane-d4	*82 %*	*D08*	*Surr Limits: (66-137%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*
4-Bromofluorobenzene	*93 %*	*D08*	*Surr Limits: (73-120%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*
Toluene-d8	*99 %*	*D08*	*Surr Limits: (71-126%)*				*07/12/10 03:39*	*NMD*	*10G0633*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-02 (WL-5 (19-21) - Water)						**Sampled: 07/06/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethene, Total	6.8		2.0	0.70	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Trichloroethene	0.56	J	1.0	0.46	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-02 (WL-5 (19-21) - Water) - cont.						**Sampled: 07/06/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Vinyl chloride	**0.99**	J	1.0	0.90	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 12:42	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*		*Surr Limits: (66-137%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*		*Surr Limits: (73-120%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*
Toluene-d8	*87 %*		*Surr Limits: (71-126%)*				*07/09/10 12:42*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-03 (WL-5 (30-32) - Water)						**Sampled: 07/06/10 11:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethene, Total	1.8	J	2.0	0.70	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-03 (WL-5 (30-32) - Water) - cont.						**Sampled: 07/06/10 11:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 13:06	LH	10G0516	8260B
1,2-Dichloroethane-d4	*84 %*		*Surr Limits: (66-137%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*83 %*		*Surr Limits: (73-120%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*
Toluene-d8	*84 %*		*Surr Limits: (71-126%)*				*07/09/10 13:06*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-04 (WL-4 (10-12) - Water)						**Sampled: 07/06/10 09:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Acetone	3.4	P6,J	10	3.0	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Bromomethane	ND	J P6	1.0	0.69	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-04 (WL-4 (10-12) - Water) - cont.						**Sampled: 07/06/10 09:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6~~	1.0	0.88	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Vinyl chloride	ND	~~P6~~	1.0	0.90	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
Xylenes, total	ND	~~P6~~	2.0	0.66	ug/L	1.00	07/09/10 13:30	LH	10G0516	8260B
1,2-Dichloroethane-d4	*87 %*	*P6*	*Surr Limits: (66-137%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*81 %*	*P6*	*Surr Limits: (73-120%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*
Toluene-d8	*86 %*	*P6*	*Surr Limits: (71-126%)*				*07/09/10 13:30*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-05 (WL-4 (24-26) - Water)						**Sampled: 07/06/10 09:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Acetone	5.9	P6,J	10	3.0	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-05 (WL-4 (24-26) - Water) - cont.						**Sampled: 07/06/10 09:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6~~	1.0	0.88	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Vinyl chloride	ND	~~P6~~	1.0	0.90	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
Xylenes, total	ND	~~P6~~	2.0	0.66	ug/L	1.00	07/09/10 13:53	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*	~~P6~~	*Surr Limits: (66-137%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*	~~P6~~	*Surr Limits: (73-120%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*	~~P6~~	*Surr Limits: (71-126%)*				*07/09/10 13:53*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06 (WL-6 (10-12) - Water)						**Sampled: 07/08/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.3		1.0	0.82	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	21	J	1.0	0.31	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,1-Dichloroethene	1.1		1.0	0.29	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethene, Total	140		2.0	0.70	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
cis-1,2-Dichloroethene	~~140~~ 140	~~E~~ D	1.0	0.81	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
trans-1,2-Dichloroethene	1.3		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Trichloroethene	47		1.0	0.46	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06 (WL-6 (10-12) - Water) - cont.						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Vinyl chloride	5.6		1.0	0.90	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 14:17	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*83 %*		*Surr Limits: (73-120%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*
Toluene-d8	*85 %*		*Surr Limits: (71-126%)*				*07/09/10 14:17*	*LH*	*10G0516*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06RE1 (WL-6 (10-12) - Water)						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	3.4	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	2.0	0.43	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	2.0	0.46	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	19	D08	2.0	0.62	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethane	2.0	D08	2.0	0.77	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,1-Dichloroethene	1.0	D08,J	2.0	0.59	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	2.0	0.82	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	2.0	0.79	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichlorobenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	2.0	0.43	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethene, Total	140	D08	4.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	2.0	1.7	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	20	2.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
2-Hexanone	ND	D08	10	2.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	10	4.2	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Acetone	ND	D08	20	6.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Benzene	ND	D08	2.0	0.82	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	2.0	0.77	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromoform	ND	D08	2.0	0.51	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Bromomethane	ND J	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Carbon disulfide	ND	D08	2.0	0.39	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	2.0	0.53	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chlorobenzene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	2.0	0.64	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloroethane	ND	D08	2.0	0.65	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloroform	ND	D08	2.0	0.67	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Chloromethane	ND	D08	2.0	0.69	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
cis-1,2-Dichloroethene	140	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	2.0	0.71	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Cyclohexane	ND	D08	2.0	0.36	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	2.0	1.4	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Ethylbenzene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	2.0	1.6	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methyl Acetate	ND	D08	2.0	1.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	2.0	0.32	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methylcyclohexane	ND	D08	2.0	0.32	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Methylene Chloride	ND	D08	2.0	0.88	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Styrene	ND	D08	2.0	1.5	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	2.0	0.73	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Toluene	ND	D08	2.0	1.0	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	2.0	0.74	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Trichloroethene	46	D08	2.0	0.92	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-06RE1 (WL-6 (10-12) - Water) - cont.						**Sampled: 07/06/10 14:10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Vinyl chloride	5.8	D08	2.0	1.8	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
Xylenes, total	ND	D08	4.0	1.3	ug/L	2.00	07/10/10 17:30	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*90 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*86 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*88 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 17:30*	*NMD*	*10G0611*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-07 (WL-6 (30-32) - Water)						**Sampled: 07/06/10 14:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.3		2.0	0.70	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Trichloroethene	2.8		1.0	0.46	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-07 (WL-6 (30-32) - Water) - cont.						**Sampled: 07/08/10 14:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 14:41	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*		*Surr Limits: (66-137%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*		*Surr Limits: (71-126%)*				*07/09/10 14:41*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-08 (WL-8 (25-27) - Water)						**Sampled: 07/06/10 15:50**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Acetone	4.9	P6,J	10	3.0	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Bromomethane	ND	P6	1.0	0.69	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-08 (WL-8 (25-27) - Water) - cont.						**Sampled: 07/06/10 15:50**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6~~	1.0	0.88	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Vinyl chloride	ND	~~P6~~	1.0	0.90	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
Xylenes, total	ND	~~P6~~	2.0	0.66	ug/L	1.00	07/09/10 15:05	LH	10G0516	8260B
1,2-Dichloroethane-d4	*88 %*	~~P6~~	*Surr Limits: (66-137%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*	~~P6~~	*Surr Limits: (73-120%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*	~~P6~~	*Surr Limits: (71-126%)*				*07/09/10 15:05*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Sample ID: RTG0721-09 (WL-8 (30-32) - Water) — **Sampled: 07/06/10 15:40** — **Recvd: 07/08/10 10:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Acetone	8.9	J	10	3.0	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Carbon disulfide	0.97	J	1.0	0.19	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Ethylbenzene	1.2		1.0	0.74	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Toluene	1.0		1.0	0.51	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Trichloroethene	0.70	J	1.0	0.46	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-09 (WL-8 (30-32) - Water) - cont.						**Sampled: 07/06/10 15:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
Xylenes, total	1.9	J	2.0	0.66	ug/L	1.00	07/09/10 15:29	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 15:29*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-10 (WL-4 (30-32) - Water)						**Sampled: 07/06/10 09:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P6	1.0	0.82	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2-Trichloroethane	ND	P6	1.0	0.23	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND	P6	1.0	0.31	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1-Dichloroethane	ND	P6	1.0	0.38	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,1-Dichloroethene	ND	P6	1.0	0.29	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichlorobenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethane	ND	P6	1.0	0.21	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND	P6	2.0	0.70	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloropropane	ND	P6	1.0	0.72	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,3-Dichlorobenzene	ND	P6	1.0	0.78	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,4-Dichlorobenzene	ND	P6	1.0	0.84	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
2-Butanone (MEK)	ND	P6	10	1.3	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
2-Hexanone	ND	P6	5.0	1.2	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND	P6	5.0	2.1	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Acetone	6.5	P6,J	10	3.0	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Benzene	ND	P6	1.0	0.41	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromodichloromethane	ND	P6	1.0	0.39	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromoform	ND	P6	1.0	0.26	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Bromomethane	ND	J P6	1.0	0.69	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Carbon disulfide	ND	P6	1.0	0.19	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Carbon Tetrachloride	ND	P6	1.0	0.27	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chlorobenzene	ND	P6	1.0	0.75	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chlorodibromomethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloroethane	ND	P6	1.0	0.32	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloroform	ND	P6	1.0	0.34	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Chloromethane	ND	P6	1.0	0.35	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND	P6	1.0	0.81	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Cyclohexane	ND	P6	1.0	0.18	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Dichlorodifluoromethane	ND	P6	1.0	0.68	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Ethylbenzene	ND	P6	1.0	0.74	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Isopropylbenzene	ND	P6	1.0	0.79	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methyl Acetate	ND	P6	1.0	0.50	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methylcyclohexane	ND	P6	1.0	0.16	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Methylene Chloride	ND	P6	1.0	0.44	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Styrene	ND	P6	1.0	0.73	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Tetrachloroethene	ND	P6	1.0	0.36	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Toluene	ND	P6	1.0	0.51	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND	P6	1.0	0.90	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND	P6	1.0	0.37	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Trichloroethene	ND	P6	1.0	0.46	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-10 (WL-4 (30-32) - Water) - cont.						**Sampled: 07/06/10 09:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	~~P6~~	1.0	0.88	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Vinyl chloride	ND	~~P6~~	1.0	0.90	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
Xylenes, total	ND	~~P6~~	2.0	0.66	ug/L	1.00	07/09/10 15:52	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*	~~P6~~	*Surr Limits: (66-137%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*	~~P6~~	*Surr Limits: (73-120%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*	~~P6~~	*Surr Limits: (71-126%)*				*07/09/10 15:52*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11 (WL-8 (10-12) - Water)						***Sampled: 07/07/10 09:20***		***Recvd: 07/08/10 10:20***		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichlorobenzene	5.4		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.2		2.0	0.70	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.76	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Benzene	1.2		1.0	0.41	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Cyclohexane	26	J	1.0	0.18	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Ethylbenzene	~~160~~	150 E D	1.0	0.74	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Isopropylbenzene	3.0		1.0	0.79	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methylcyclohexane	12		1.0	0.16	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Toluene	10		1.0	0.51	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11 (WL-8 (10-12) - Water) - cont.						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Vinyl chloride	1.1		1.0	0.90	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
Xylenes, total	~~360~~ 340 E D		2.0	0.66	ug/L	1.00	07/09/10 16:16	LH	10G0516	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*07/09/10 16:16*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11RE1 (WL-8 (10-12) - Water)						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroeth ane	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dibromo-3-chloroprop ane	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichlorobenzene	5.5	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethene, Total	ND	D08	8.0	2.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Benzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Bromomethane	ND J	D08	4.0	2.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
cis-1,2-Dichloroethene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Cyclohexane	25	D08	4.0	0.72	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methylcyclohexane	11	D08	4.0	0.64	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
trans-1,3-Dichloropropen e	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Trichloroethene	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-11RE1 (WL-8 (10-12) - Water) - cont.						**Sampled: 07/07/10 09:20**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Vinyl chloride	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
Xylenes, total	340	D08	8.0	2.6	ug/L	4.00	07/10/10 17:54	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*94 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*87 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*89 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 17:54*	*NMD*	*10G0611*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	1.0	J	1.0	0.31	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,1-Dichloroethene	4.5		1.0	0.29	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethene, Total	28		2.0	0.70	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Benzene	2.6		1.0	0.41	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
cis-1,2-Dichloroethene	27		1.0	0.81	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Trichloroethene	~~460~~ 420-E	DJ	1.0	0.46	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12 (WL-9 (10-12) - Water) - cont.						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Vinyl chloride	11		1.0	0.90	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 16:40	LH	10G0516	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*07/09/10 16:40*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12RE1 (WL-9 (10-12) - Water)						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	8.0	6.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	8.0	1.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	8.0	1.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	8.0	2.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,1-Dichloroethene	4.9	D08,J	8.0	2.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	8.0	3.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichlorobenzene	ND	D08	8.0	6.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	8.0	1.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethene, Total	25	D08	16	5.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	8.0	6.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	8.0	6.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	80	11	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
2-Hexanone	ND	D08	40	9.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	40	17	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Acetone	ND	D08	80	24	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Benzene	ND	D08	8.0	3.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	8.0	3.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromoform	ND	D08	8.0	2.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Bromomethane	ND J	D08	8.0	5.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Carbon disulfide	ND	D08	8.0	1.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	8.0	2.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chlorobenzene	ND	D08	8.0	6.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	8.0	2.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloroethane	ND	D08	8.0	2.6	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloroform	ND	D08	8.0	2.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Chloromethane	ND	D08	8.0	2.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
cis-1,2-Dichloroethene	25	D08	8.0	6.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	8.0	2.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Cyclohexane	ND	D08	8.0	1.4	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	8.0	5.4	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Ethylbenzene	ND	D08	8.0	5.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	8.0	6.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methyl Acetate	ND	D08	8.0	4.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	8.0	1.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methylcyclohexane	ND	D08	8.0	1.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Methylene Chloride	ND	D08	8.0	3.5	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Styrene	ND	D08	8.0	5.8	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	8.0	2.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Toluene	ND	D08	8.0	4.1	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	8.0	7.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	8.0	2.9	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Trichloroethene	420	D08	8.0	3.7	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-12RE1 (WL-9 (10-12) - Water) - cont.						**Sampled: 07/07/10 10:45**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	8.0	7.0	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Vinyl chloride	10	D08	8.0	7.2	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
Xylenes, total	ND	D08	16	5.3	ug/L	8.00	07/10/10 18:18	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*89 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*87 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*90 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 18:18*	*NMD*	*10G0611*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15 (DUP-070710 - Water)						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichlorobenzene	5.7		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethene, Total	2.4		2.0	0.70	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Benzene	1.2		1.0	0.41	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Cyclohexane	26	J	1.0	0.18	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Ethylbenzene	~~160~~ 150 E D		1.0	0.74	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Isopropylbenzene	3.1		1.0	0.79	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methylcyclohexane	12		1.0	0.16	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Toluene	11		1.0	0.51	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
trans-1,2-Dichloroethene	0.90	J	1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15 (DUP-070710 - Water) - cont.						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Vinyl chloride	1.2		1.0	0.90	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
Xylenes, total	~~360~~ 350 E D		2.0	0.66	ug/L	1.00	07/09/10 17:52	LH	10G0516	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits: (66-137%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*92 %*		*Surr Limits: (73-120%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*07/09/10 17:52*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15RE1 (DUP-070710 - Water)						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	4.0	3.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4.0	0.85	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2-Trichloroethane	ND	D08	4.0	0.92	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1-Dichloroethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,1-Dichloroethene	ND	D08	4.0	1.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2,4-Trichlorobenzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dibromoethane (EDB)	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichlorobenzene	5.6	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethane	ND	D08	4.0	0.86	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethene, Total	ND	D08	8.0	2.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloropropane	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,3-Dichlorobenzene	ND	D08	4.0	3.1	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,4-Dichlorobenzene	ND	D08	4.0	3.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
2-Butanone (MEK)	ND	D08	40	5.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
2-Hexanone	ND	D08	20	5.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	20	8.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Acetone	ND	D08	40	12	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Benzene	ND	D08	4.0	1.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromodichloromethane	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromoform	ND	D08	4.0	1.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Bromomethane	ND J	D08	4.0	2.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Carbon disulfide	ND	D08	4.0	0.78	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Carbon Tetrachloride	ND	D08	4.0	1.1	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chlorobenzene	ND	D08	4.0	3.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chlorodibromomethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloroethane	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloroform	ND	D08	4.0	1.3	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Chloromethane	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
cis-1,2-Dichloroethene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
cis-1,3-Dichloropropene	ND	D08	4.0	1.4	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Cyclohexane	26	D08	4.0	0.72	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Dichlorodifluoromethane	ND	D08	4.0	2.7	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Ethylbenzene	150	D08	4.0	3.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Isopropylbenzene	ND	D08	4.0	3.2	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methyl Acetate	ND	D08	4.0	2.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methyl tert-Butyl Ether	ND	D08	4.0	0.64	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methylcyclohexane	10	D08	4.0	0.64	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Methylene Chloride	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Styrene	ND	D08	4.0	2.9	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Tetrachloroethene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Toluene	11	D08	4.0	2.0	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
trans-1,2-Dichloroethene	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
trans-1,3-Dichloropropene	ND	D08	4.0	1.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Trichloroethene	ND	D08	4.0	1.8	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-15RE1 (DUP-070710 - Water) - cont.						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND	D08	4.0	3.5	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Vinyl chloride	ND	D08	4.0	3.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
Xylenes, total	350	D08	8.0	2.6	ug/L	4.00	07/10/10 18:41	NMD	10G0611	8260B
1,2-Dichloroethane-d4	*90 %*	*D08*	*Surr Limits: (66-137%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*
4-Bromofluorobenzene	*88 %*	*D08*	*Surr Limits: (73-120%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*
Toluene-d8	*90 %*	*D08*	*Surr Limits: (71-126%)*				*07/10/10 18:41*	*NMD*	*10G0611*	*8260B*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-16 (FB-070710 - Water)						**Sampled: 07/07/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-16 (FB-070710 - Water) - cont.						**Sampled: 07/07/10 11:35**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 18:16	LH	10G0516	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits: (66-137%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*
Toluene-d8	*88 %*		*Surr Limits: (71-126%)*				*07/09/10 18:16*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-17 (WL-9 (25-27) - Water)						**Sampled: 07/07/10 10:55**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	0.50	J	1.0	0.31	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Acetone	3.1	J	10	3.0	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Carbon disulfide	0.50	J	1.0	0.19	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Tetrachloroethene	5.5		1.0	0.36	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Trichloroethene	21		1.0	0.46	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-17 (WL-9 (25-27) - Water) - cont.						**Sampled: 07/07/10 10:55**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 18:39	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*85 %*		*Surr Limits: (73-120%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 18:39*	*LH*	*10G0516*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-18 (WL-9 (30-32) - Water)						**Sampled: 07/07/10 10:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Tetrachloroethene	5.8		1.0	0.36	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Trichloroethene	23		1.0	0.46	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-18 (WL-9 (30-32) - Water) - cont.						**Sampled: 07/07/10 10:40**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 19:03	LH	10G0516	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits: (66-137%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*07/09/10 19:03*	*LH*	*10G0516*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-19 (TB-070710 - Water)						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Acetone	ND		10	3.0	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Bromomethane	ND	J	1.0	0.69	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B

ARCADIS U.S., Inc. - Albany, NY
630 Plaza Drive, Ste 600
Highlands Ranch, CO 80129

Work Order: RTG0721

Project: LMC - Utica, NY
Project Number: AGM

Received: 07/08/10
Reported: 07/15/10 08:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTG0721-19 (TB-070710 - Water) - cont.						**Sampled: 07/07/10**		**Recvd: 07/08/10 10:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/09/10 19:27	LH	10G0516	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*07/09/10 19:27*	*LH*	*10G0516*	*8260B*

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt: ___
Drinking Water? Yes ☐ No ☒

TAL-4124 (0211)

Client: Arcadis
Address: 465 New Karner Rd
City: Albany | State: NY | Zip Code: 12205
Project Name and Location (State): LMC Utica, NY
Contract/Purchase Order/Quote No.: NJ000116.0001.00002

Project Manager: Jeff Bonsteel
Telephone Number (Area Code)/Fax Number: 518-452-7826 x19
Site Contact: D. Zuck | Lab Contact: Candace Fox
Carrier/Waybill Number: UPS

Date: 7/6/10 → 7/7/10 | Chain of Custody Number: 126084
Lab Number:
Page 1 of 2

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Unpres.	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	NOCs 8260 (12)	Special Instructions/ Conditions of Receipt
WL-5 (10→12')	7/6/10	1125		X						X			3	
WL-5 (19→21')		1635		X						X			3	
WL-5 (30→32')		1145		X						X			3	
WL-4 (10→12')		0935		X						X			3	
WL-4 (24→26')		0940		X						X			3	
WL-4 (30→32')		0945		X						X			3	
WL-6 (10→12')		1410		X						X			3	
WL-6 (30→32')		1420		X						X			3	
WL-8 (25→27')		1550		X						X			3	
WL-8 (30→32')	↓	1540		X						X			3	
WL-8 (10→12')	7/7/10	0920		X						X			3	
WL-9 (10→12')	7/7/10	1045		X						X			3	MS/MSD

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ___ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ___
QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
Daniel Zuck	7/7/10	1715		7/8/10	1020
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 5.7

DISTRIBUTION: WHITE - Returned to Client with Report CANARY - Stays with the Sample. PINK - Field Copy

68/433

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt ___

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client: Arcadis	Project Manager: Jeff Bonsteel	Date: 7/6-7/7/10	Chain of Custody Number: 126085
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518-452-7826 x19	Lab Number:	Page 2 of 2
City: Albany / State: NY / Zip Code: 12205	Site Contact: D. Zuck	Lab Contact: Candace Fox	Analysis (Attach list if more space is needed)
Project Name and Location (State): LMC Utica, NY	Carrier/Waybill Number: UPS		
Contract/Purchase Order/Quote No.: NJ3001019.0001.00002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	Containers & Preservatives: HCl	NaOH	ZnAc/NaOH	VOCs TCL 8260	Special Instructions/ Conditions of Receipt
WL-9 (25-27')	7/7/10	1055		X						X			W	
WL-9 (30-32')		1040		X						X			W	
DUP-070710				X						X			W	
FB-070710		1135		X						X			W	
TB-070710				X						X			W	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ Days ☐ 14 Days ☐ 21 Days ☐ Other ___

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Donald Zuck	7/7/10	1715	1. Received By:		
2. Relinquished By			2. Received By	7/8/10	0800
3. Relinquished By			3. Received By		

Comments: Please Report Results to Jeff Bonsteel within 5 Business Days. 5.7

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy