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

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Monday, July 12, 2010

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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.

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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.

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

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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.

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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

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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										

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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

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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	

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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
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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
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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
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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
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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
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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

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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
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Work Order: RTG0521

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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
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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
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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*

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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

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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					

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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			

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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*			

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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
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Work Order: RTG0521

Project: LMC - Utica, NY
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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
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Work Order: RTG0521

Project: LMC - Utica, NY
Project Number: AGM

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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					

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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			

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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

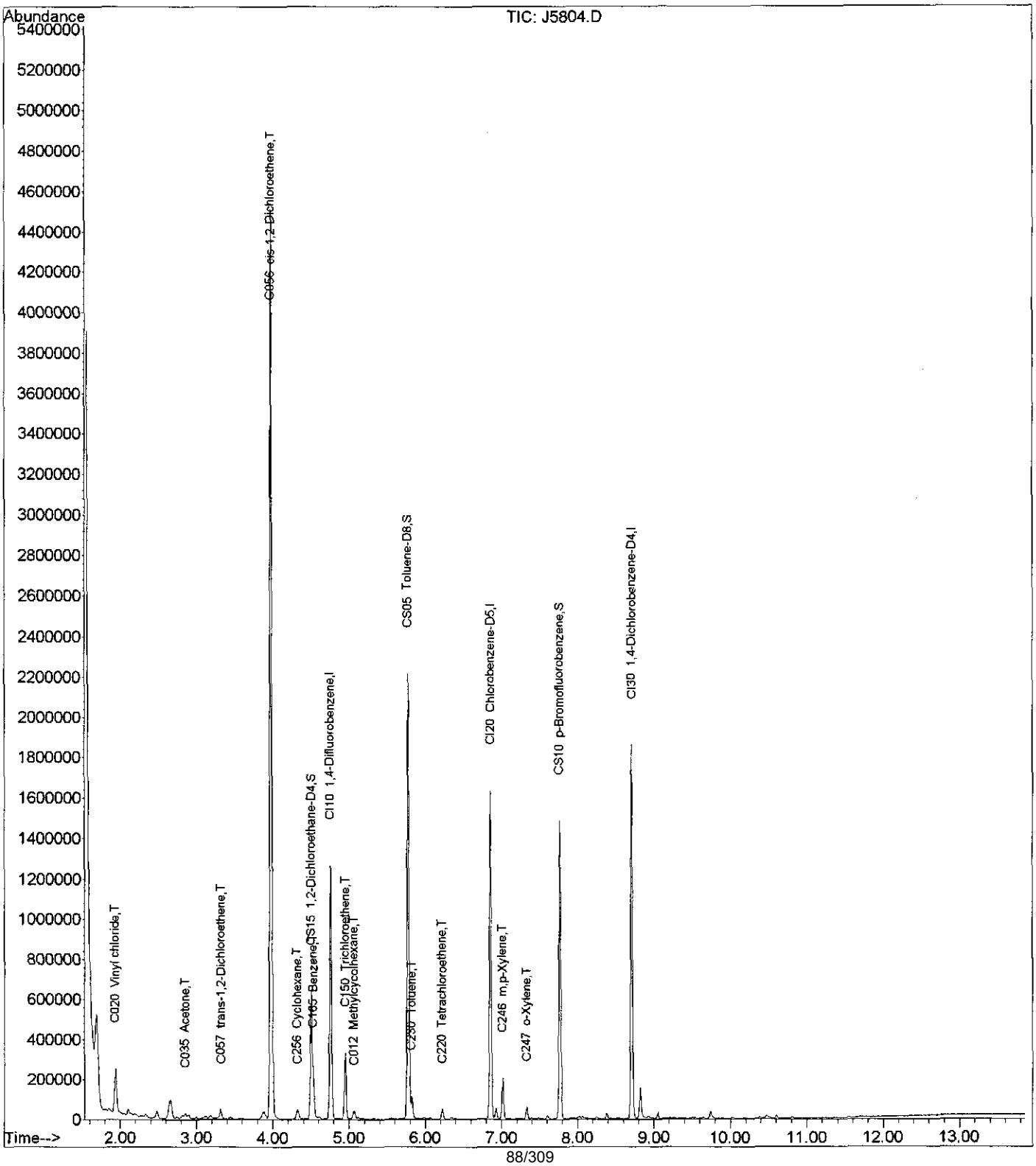
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.61	75	80	N.D.	
44) C230	Toluene	5.82	92	44603	1.05 ug/L	99
45) C170	trans-1,3-Dichloro	6.09	75	116	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	852	N.D.	
47) C160	1,1,2-Trichloroeth	6.13	83	81	N.D.	
48) C210	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.	

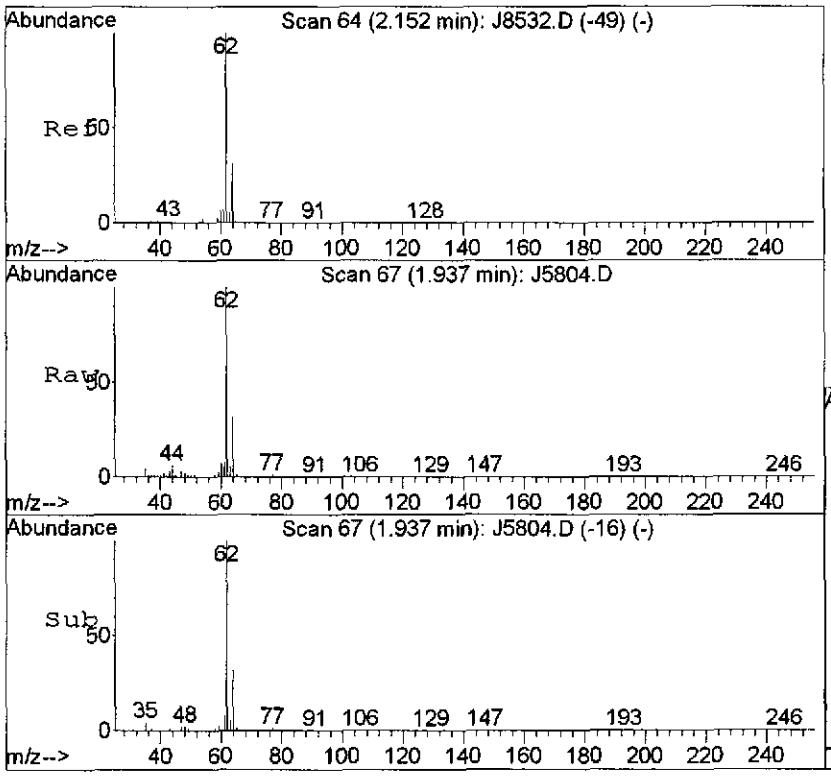
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

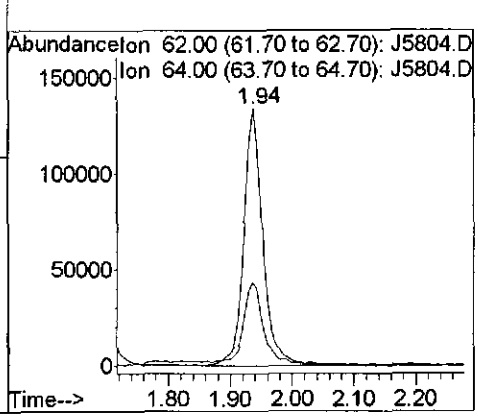


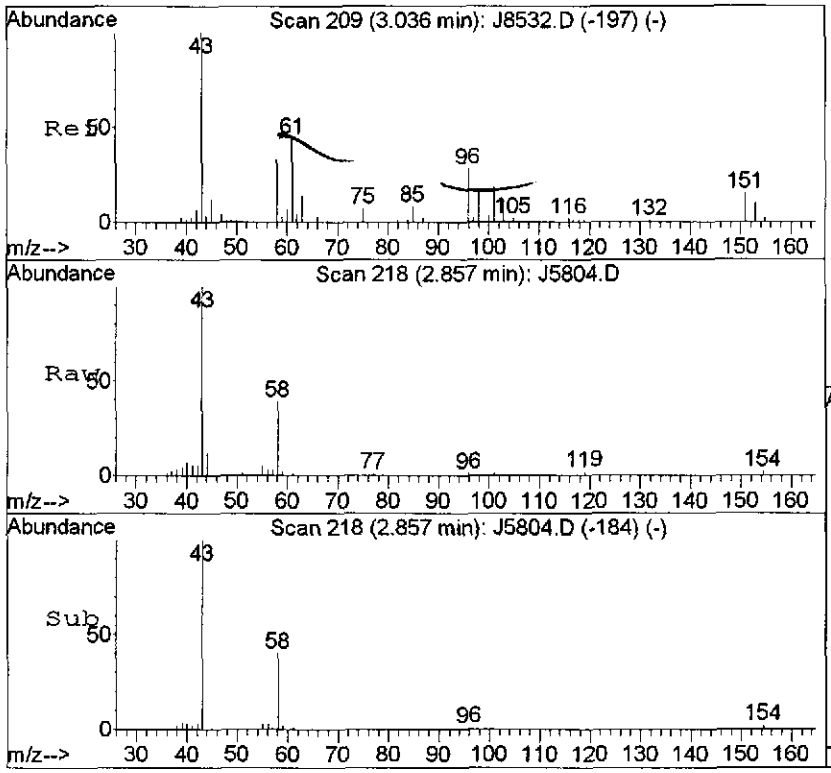


#4
C020 Vinyl chloride
Concen: 23.91 ug/L
RT: 1.94 min Scan# 67
Delta R.T. 0.01 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 62 Resp: 288541

Ion	Ratio	Lower	Upper
62	100		
64	32.3	10.4	50.4

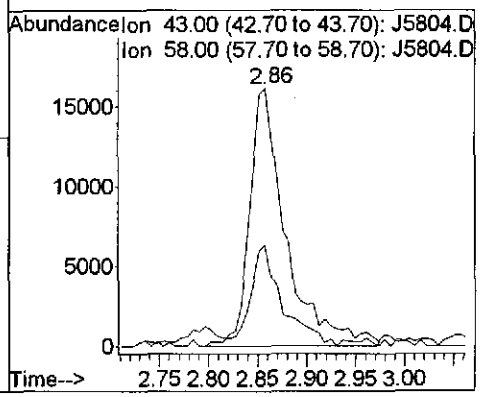


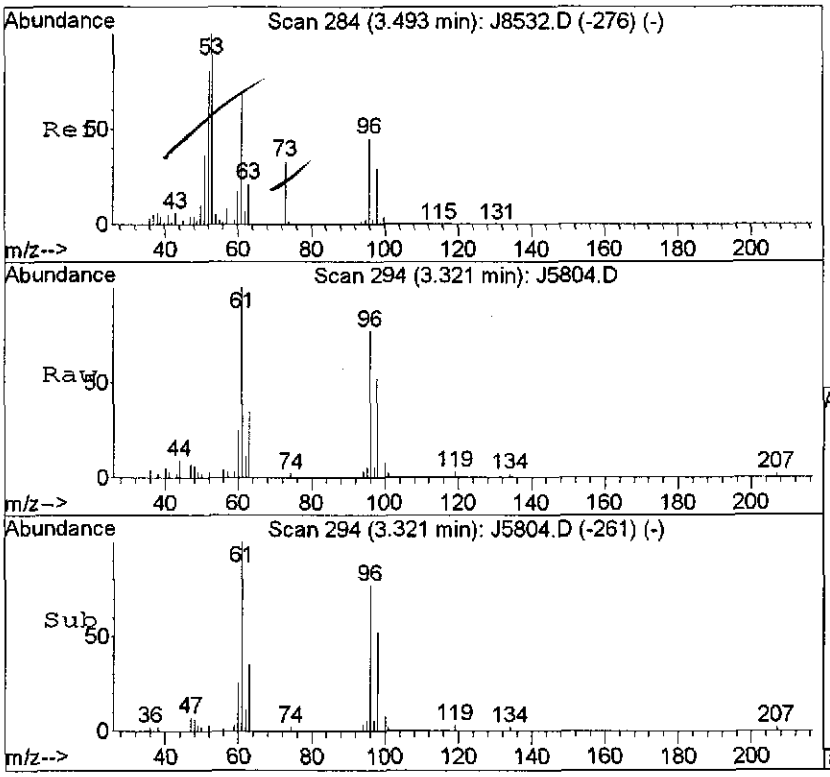


#13
C035 Acetone
Concen: 8.93 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 43 Resp: 41617

Ion	Ratio	Lower	Upper
43	100		
58	39.0	28.6	43.0

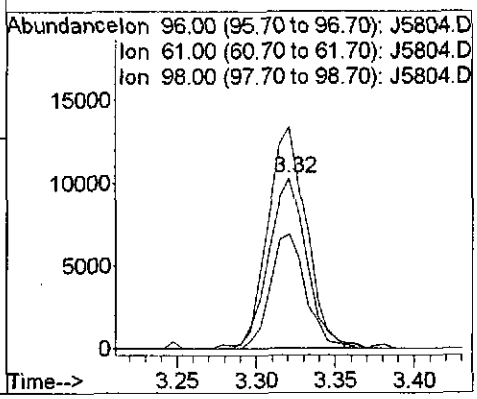


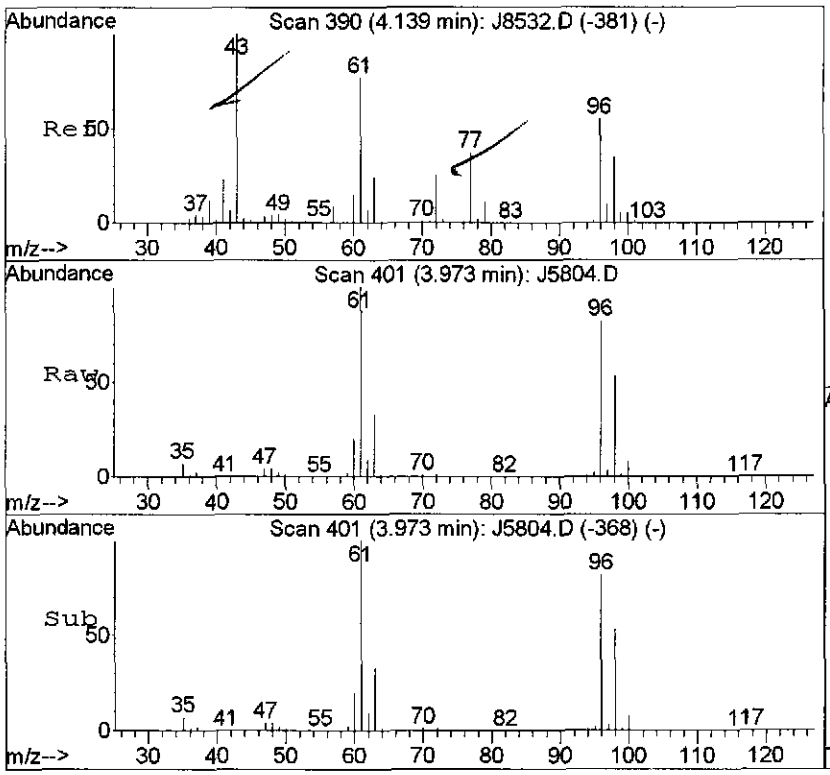


#18
C057 trans-1,2-Dichloroethene
Concen: 1.13 ug/L
RT: 3.32 min Scan# 294
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

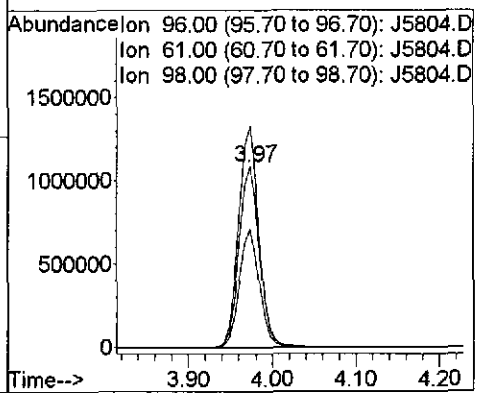


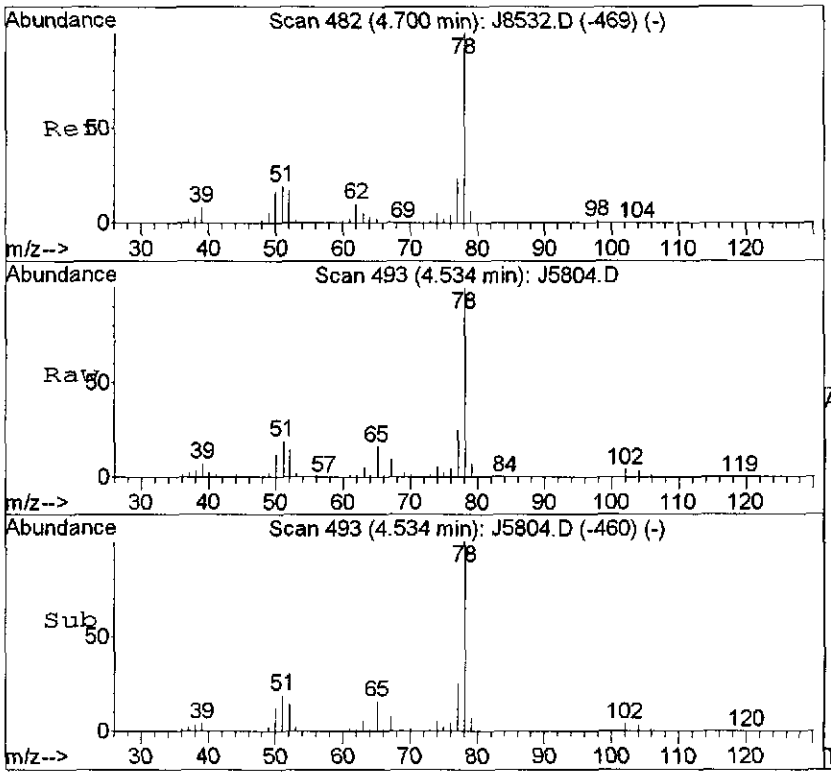


#23
C056 cis-1,2-Dichloroethene
Concen: 111.16 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

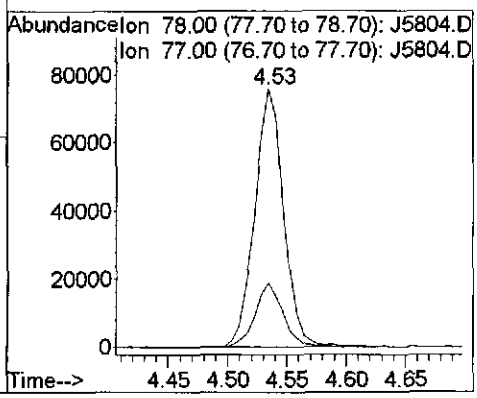


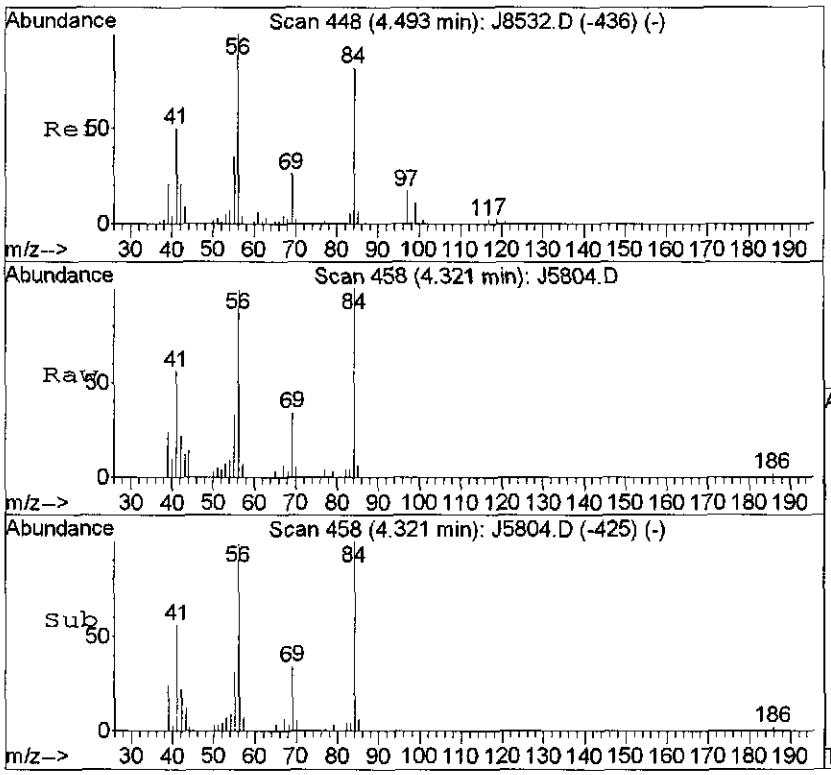


#31
C165 Benzene
Concen: 1.99 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 78 Resp: 128782

Ion	Ratio	Lower	Upper
78	100		
77	25.0	3.1	43.1

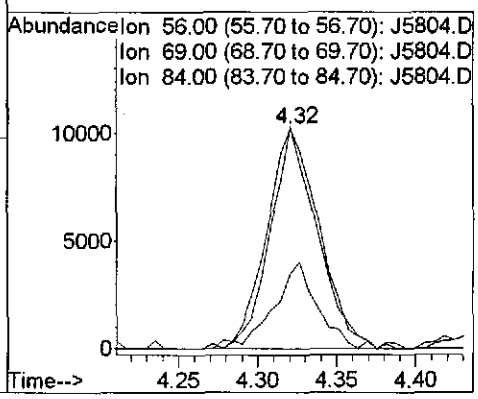


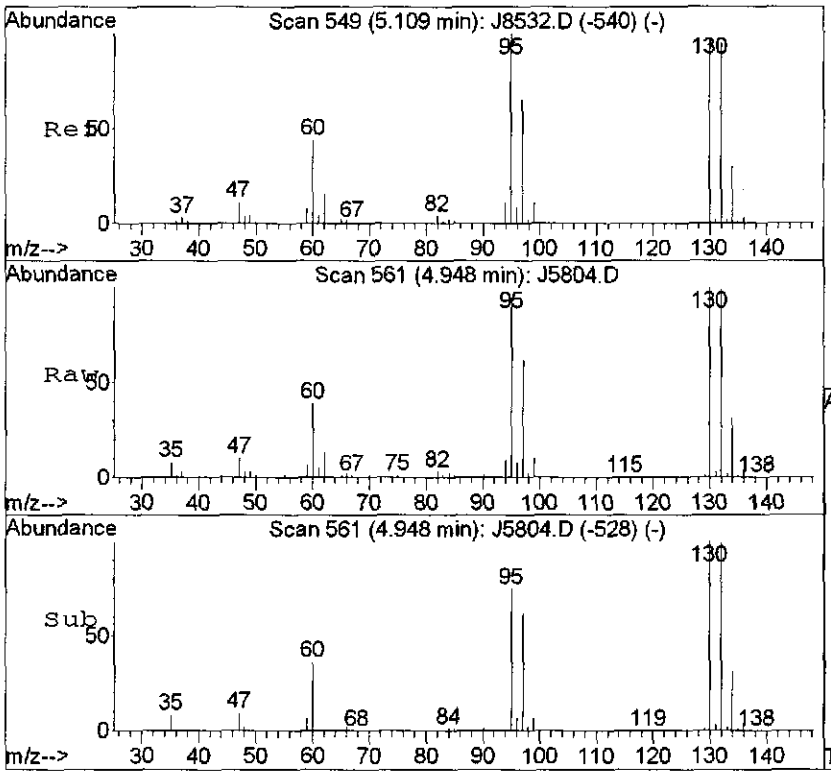


#34
C256 Cyclohexane
Concen: 0.97 ug/L
RT: 4.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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#

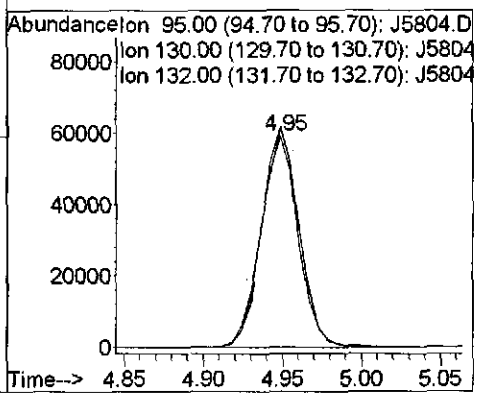


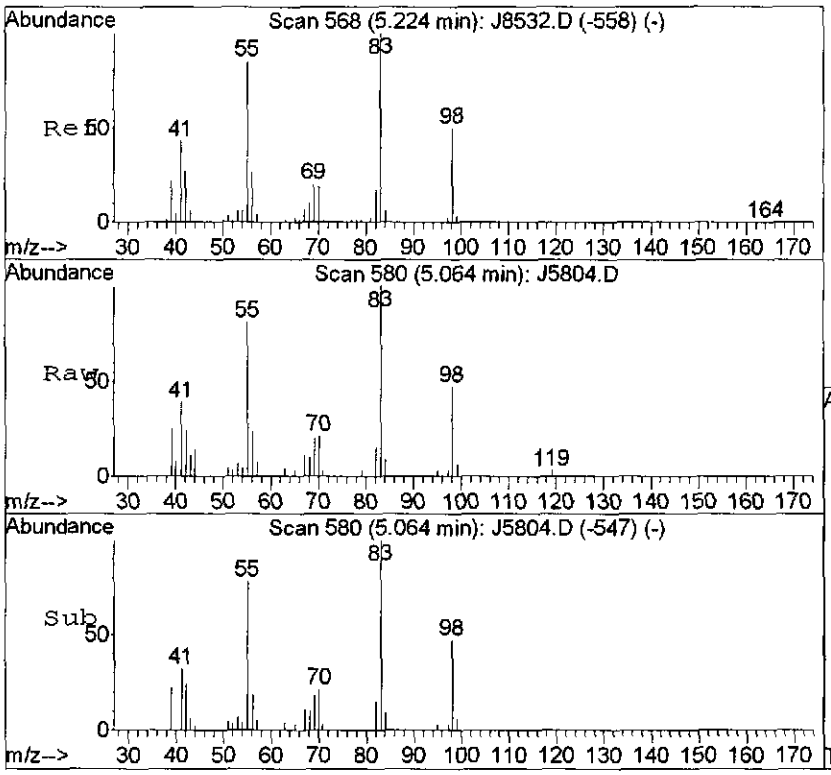


#35
C150 Trichloroethene
Concen: 6.21 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

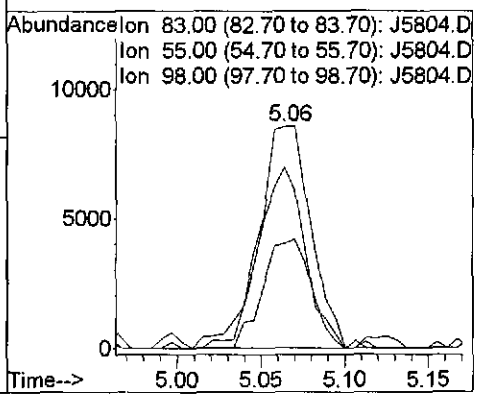


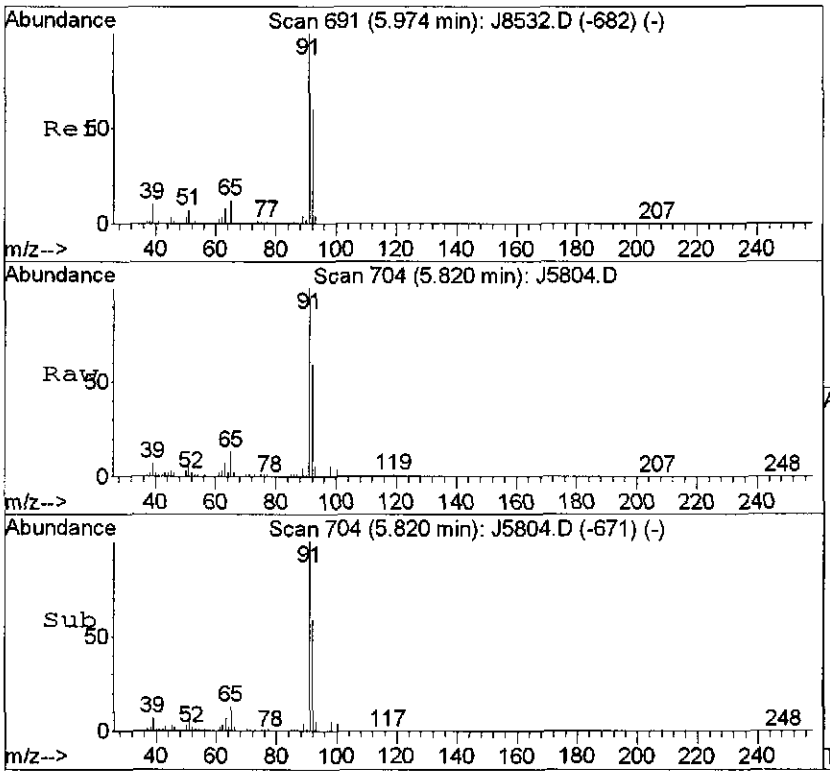


#40
C012 Methylcycolhexane
Concen: 0.66 ug/L
RT: 5.06 min Scan# 580
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

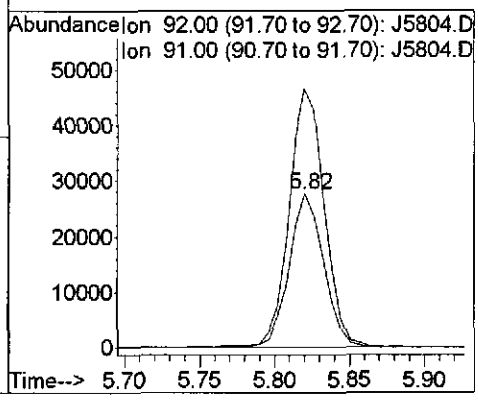


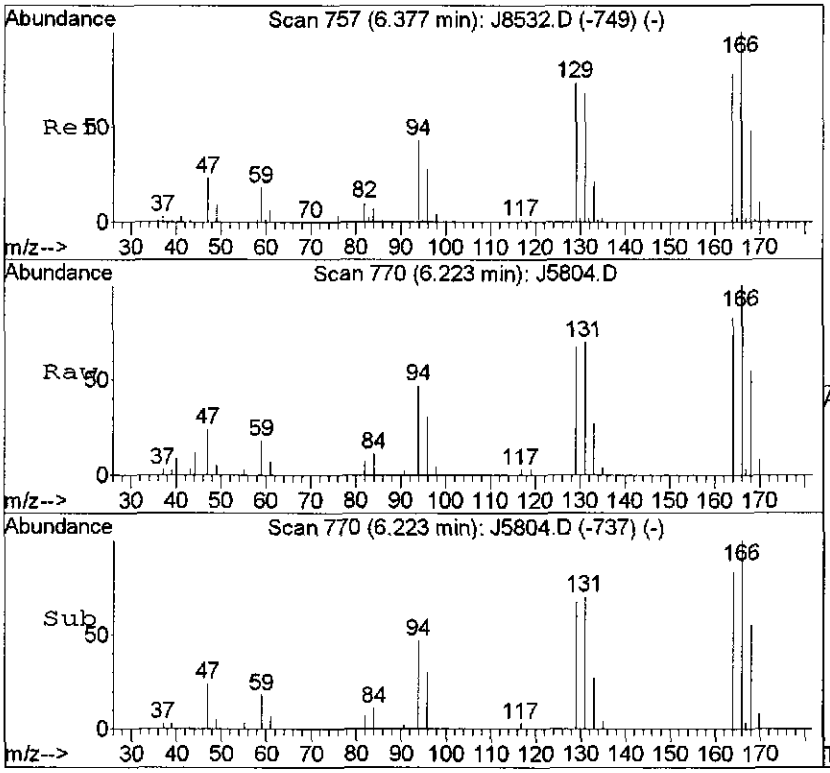


#44
C230 Toluene
Concen: 1.05 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion: 92 Resp: 44603

Ion	Ratio	Lower	Upper
92	100		
91	168.3	147.0	187.0

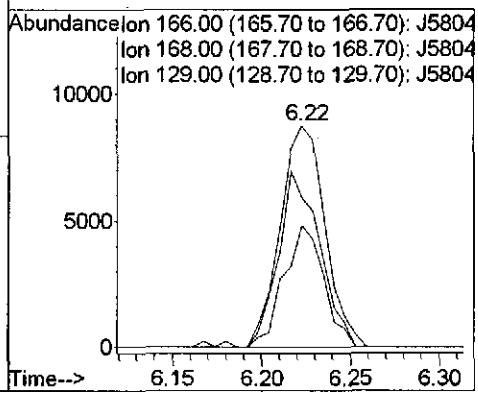


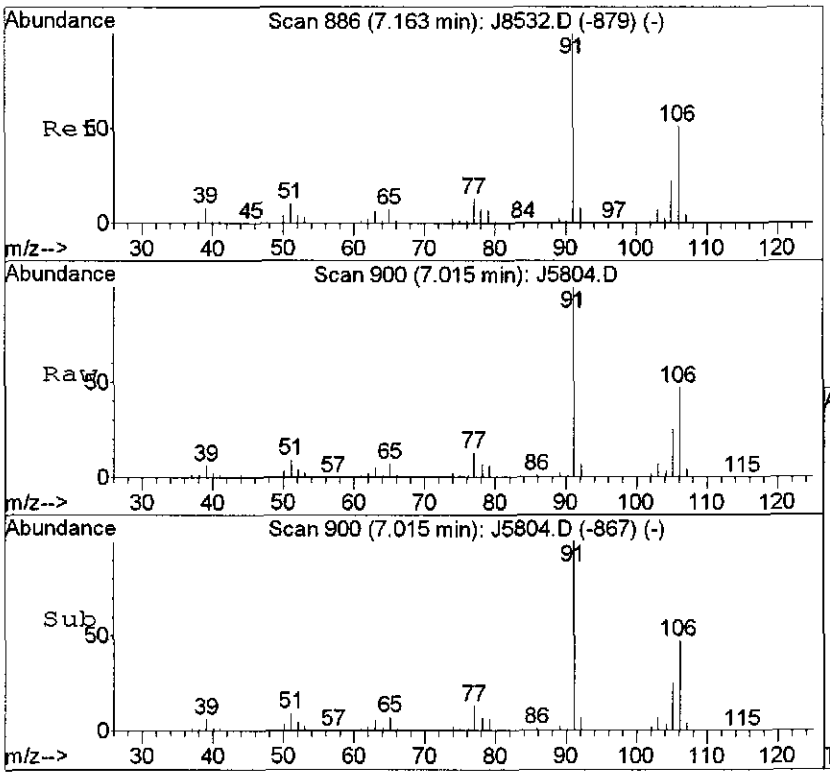


#49
C220 Tetrachloroethene
Concen: 0.91 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

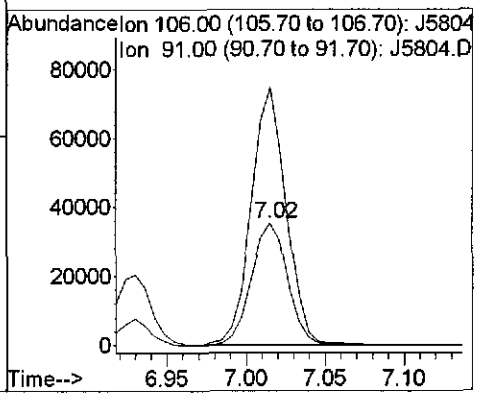


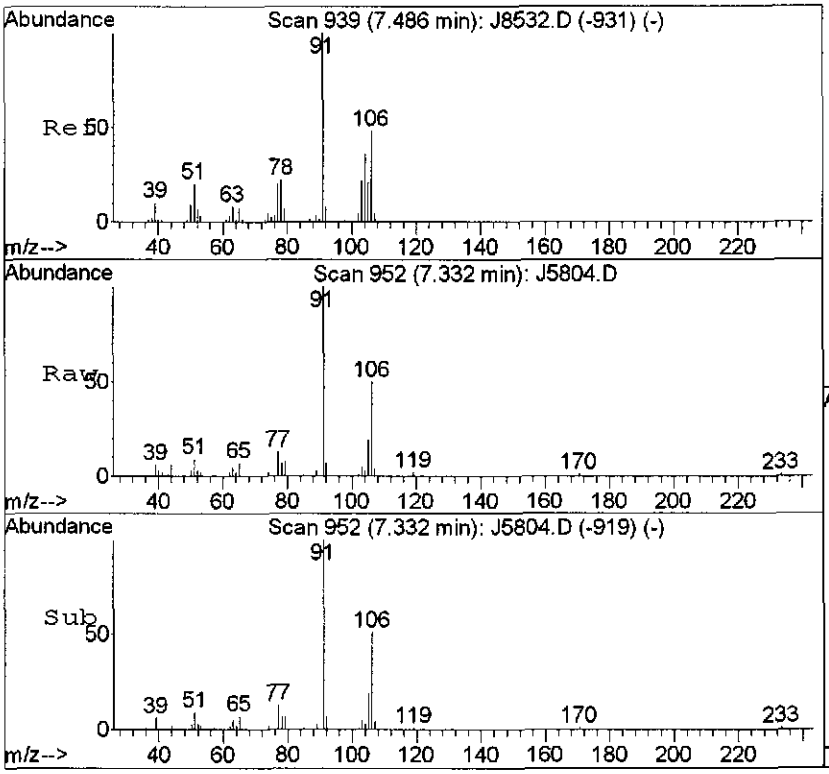


#57
C246 m,p-Xylene
Concen: 1.78 ug/L
RT: 7.02 min Scan# 900
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

Tgt Ion:106 Resp: 56383

Ion	Ratio	Lower	Upper
106	100		
91	211.9	179.0	219.0

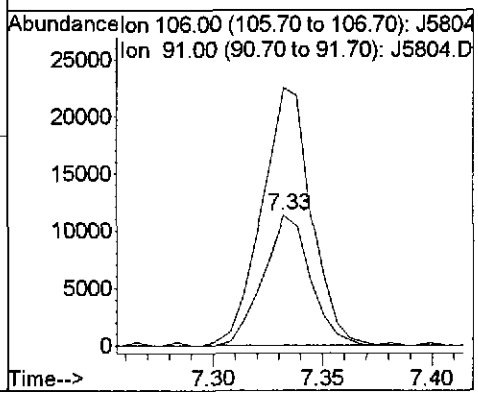




#58
C247 o-Xylene
Concen: 0.55 ug/L
RT: 7.33 min Scan# 952
Delta R.T. -0.00 min
Lab File: J5804.D
Acq: 6 Jul 2010 15:58

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

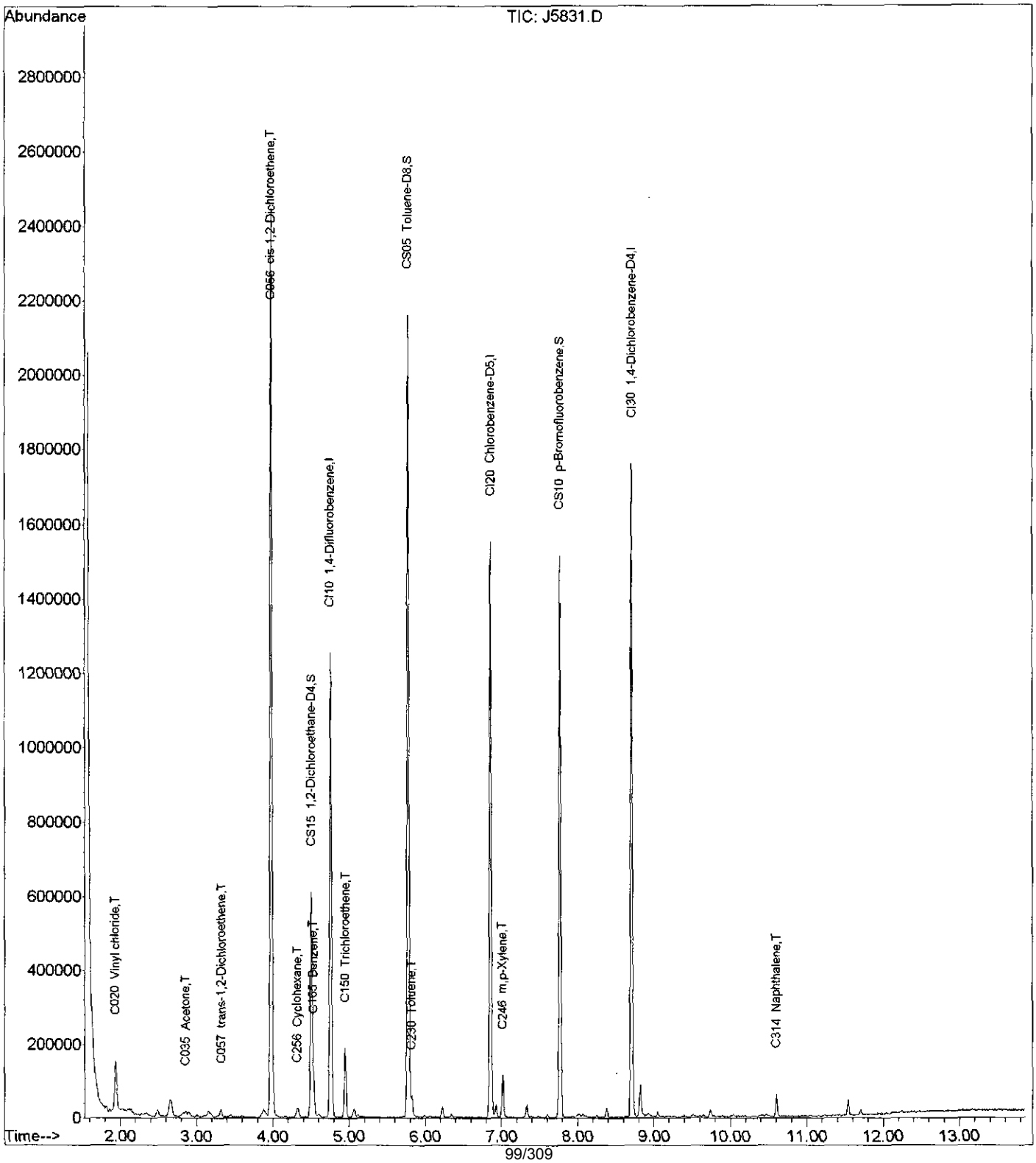
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.62	75	137	N.D.	
44) C230	Toluene	5.82	92	22674	0.55 ug/L	86
45) C170	trans-1,3-Dichloro	5.99	75	75	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	236	N.D.	
47) C160	1,1,2-Trichloroeth	5.98	83	94	N.D.	
48) C210	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.	

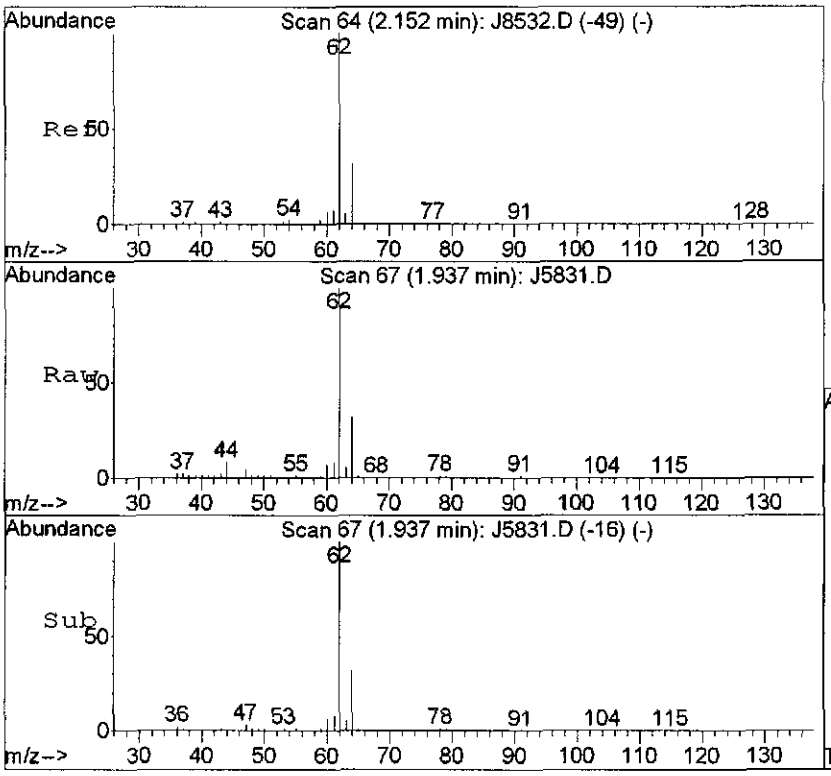
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

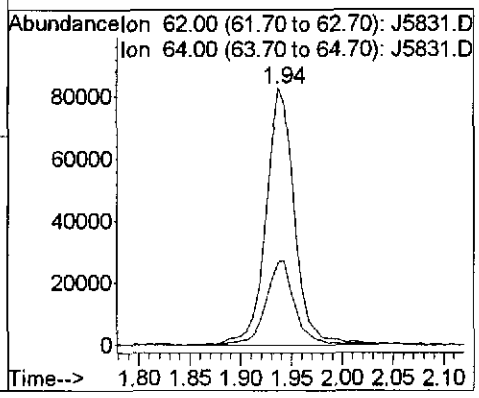


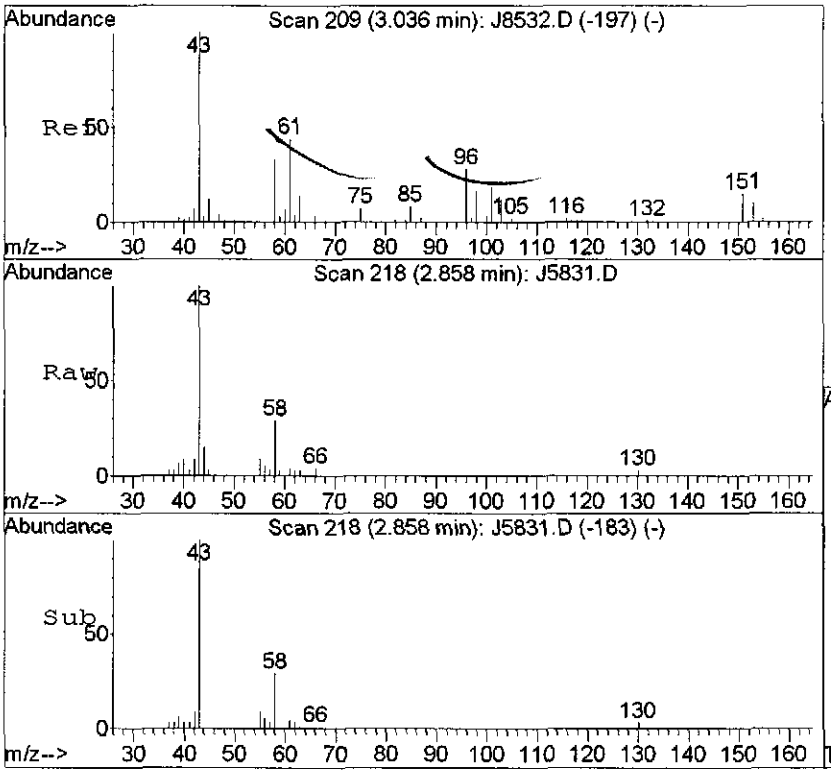


#4
C020 Vinyl chloride
Concen: 13.69 ug/L
RT: 1.94 min Scan# 67
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 62 Resp: 161814

Ion	Ratio	Lower	Upper
62	100		
64	32.4	10.4	50.4

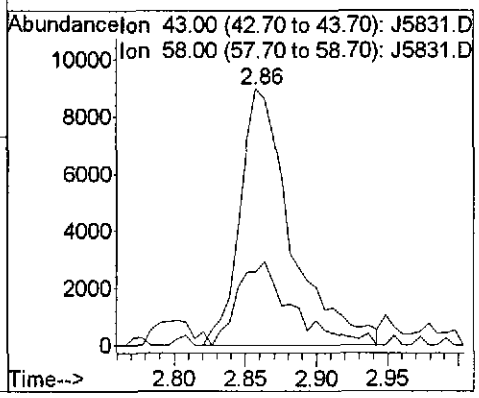


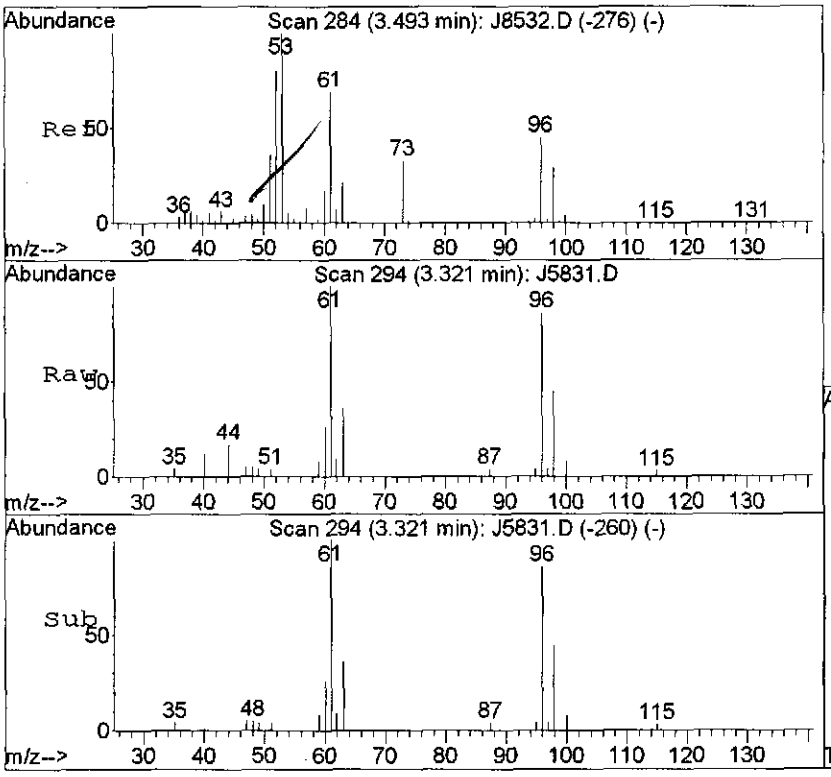


#13
C035 Acetone
Concen: 4.93 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 43 Resp: 22511

Ion	Ratio	Lower	Upper
43	100		
58	28.6	28.6	43.0#

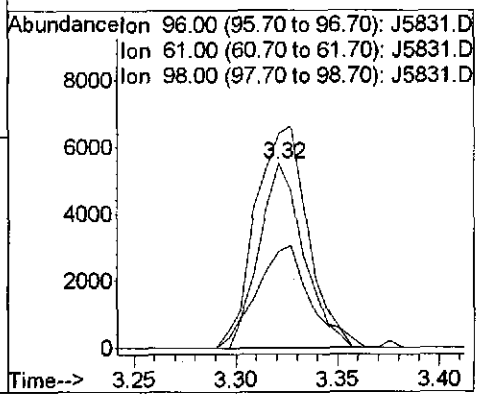


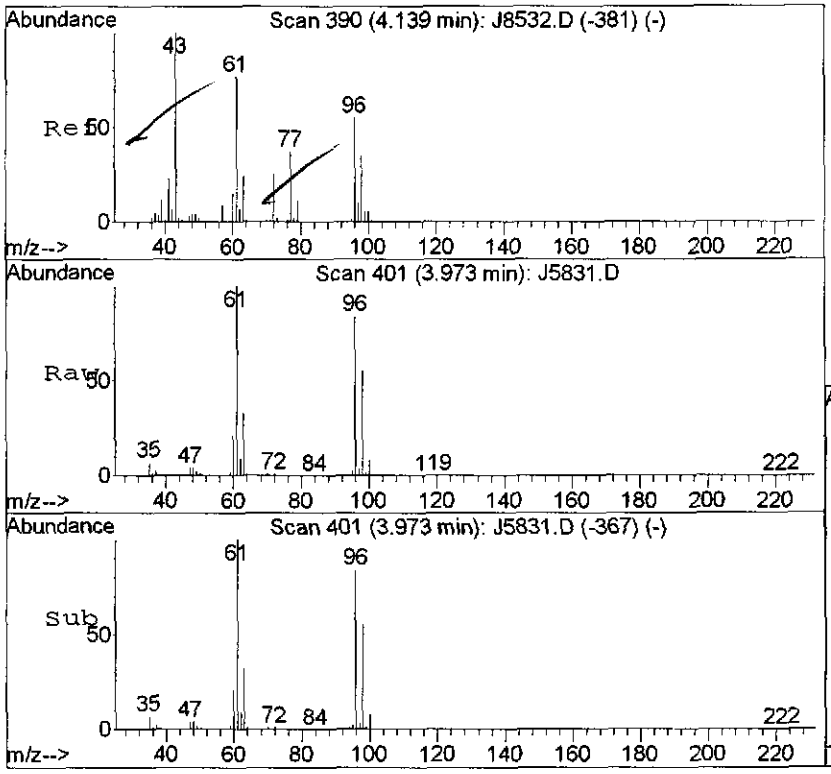


#18
C057 trans-1,2-Dichloroethene
Concen: 0.57 ug/L
RT: 3.32 min Scan# 294
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

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

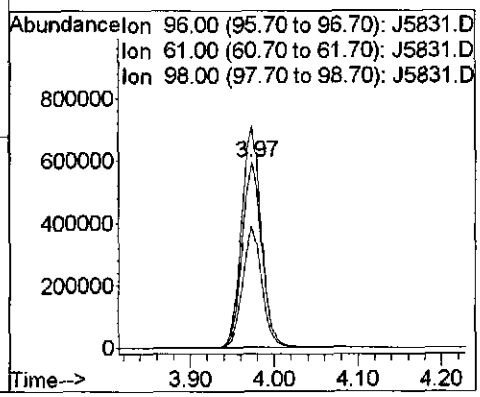


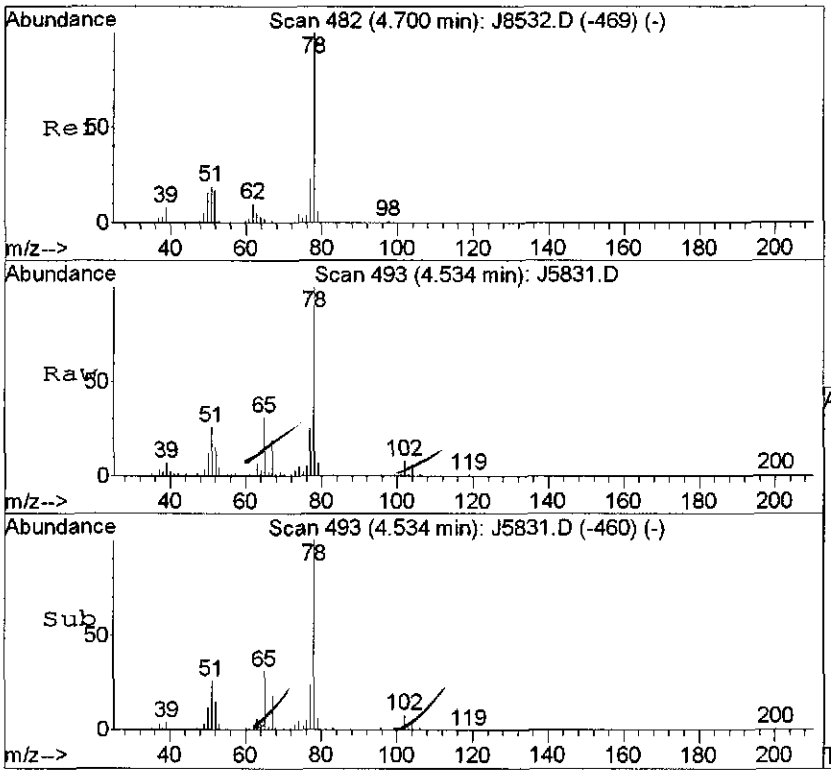


#23
C056 cis-1,2-Dichloroethene
Concen: 60.34 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

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

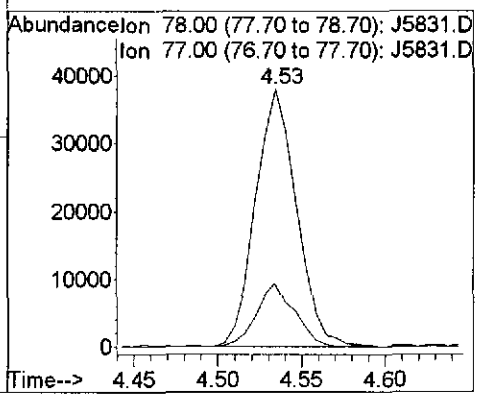


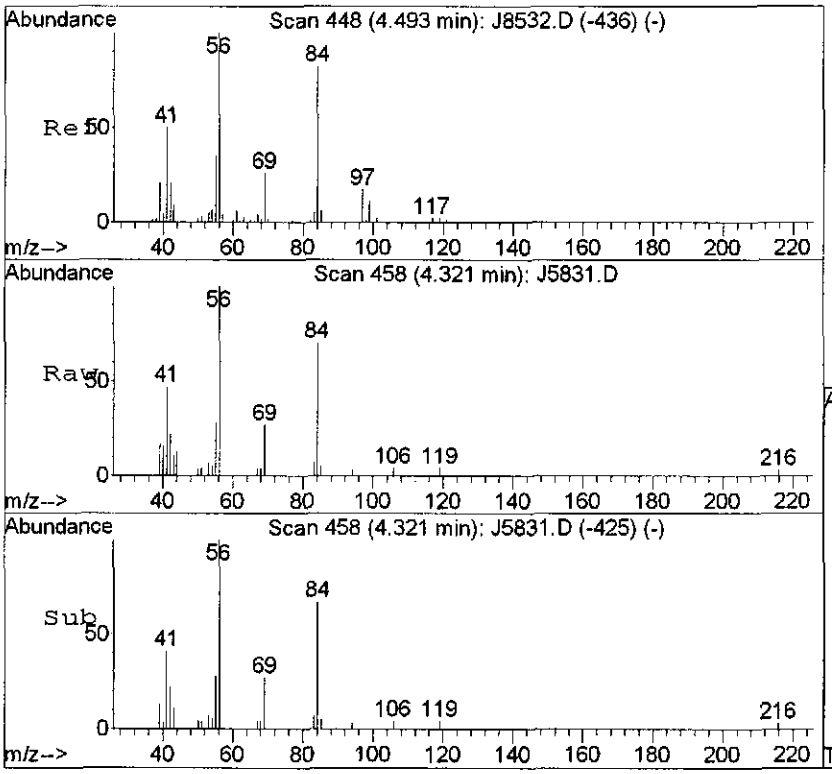


#31
C165 Benzene
Concen: 1.03 ug/L
RT: 4.53 min Scan# 493
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 78 Resp: 65059

Ion	Ratio	Lower	Upper
78	100		
77	24.8	3.1	43.1

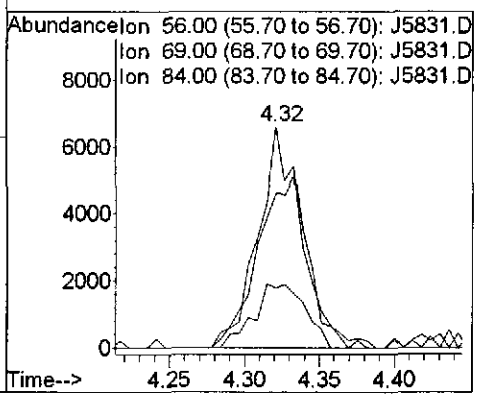


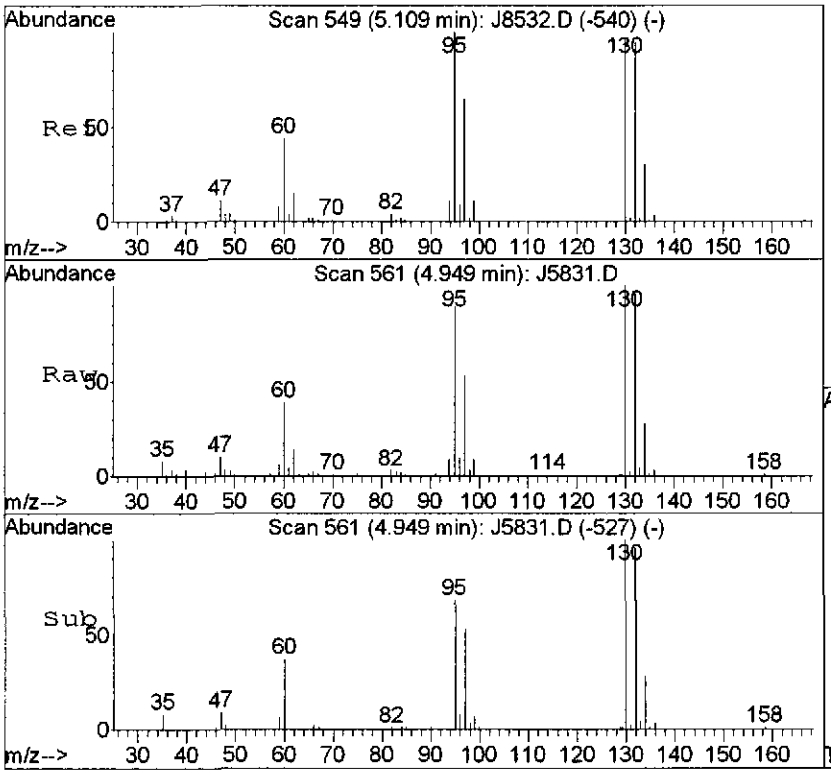


#34
C256 Cyclohexane
Concen: 0.57 ug/L
RT: 4.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

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

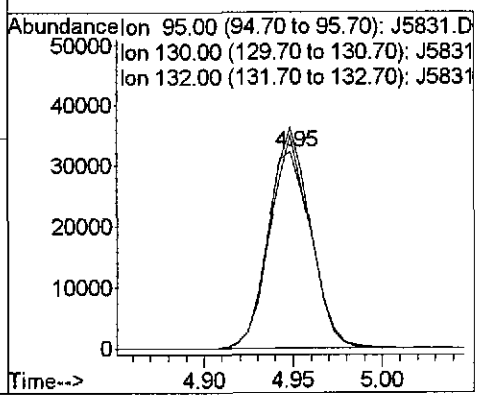


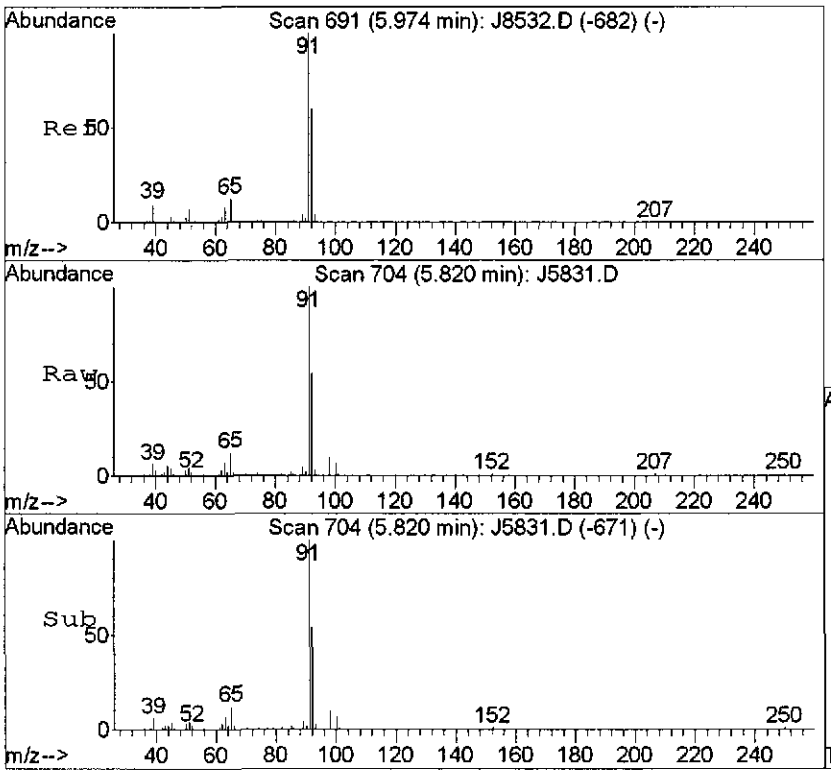


#35
C150 Trichloroethene
Concen: 3.60 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.01 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

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

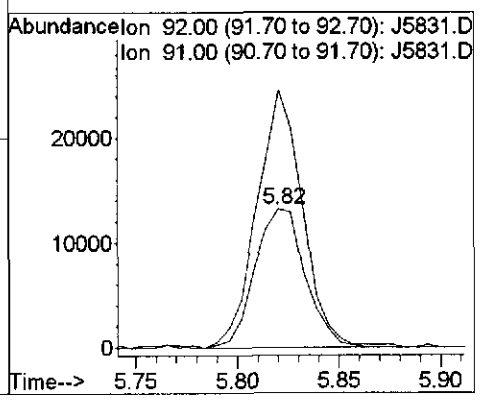


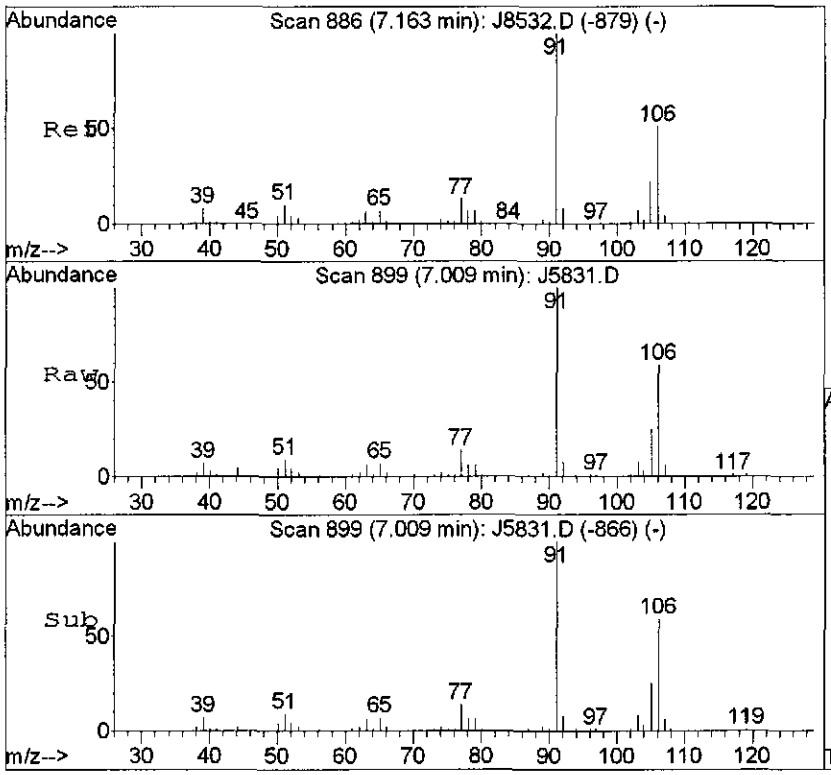


#44
C230 Toluene
Concen: 0.55 ug/L
RT: 5.82 min Scan# 704
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion: 92 Resp: 22674

Ion	Ratio	Lower	Upper
92	100		
91	186.2	147.0	187.0

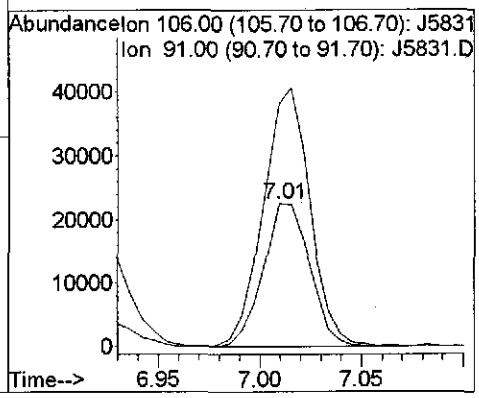


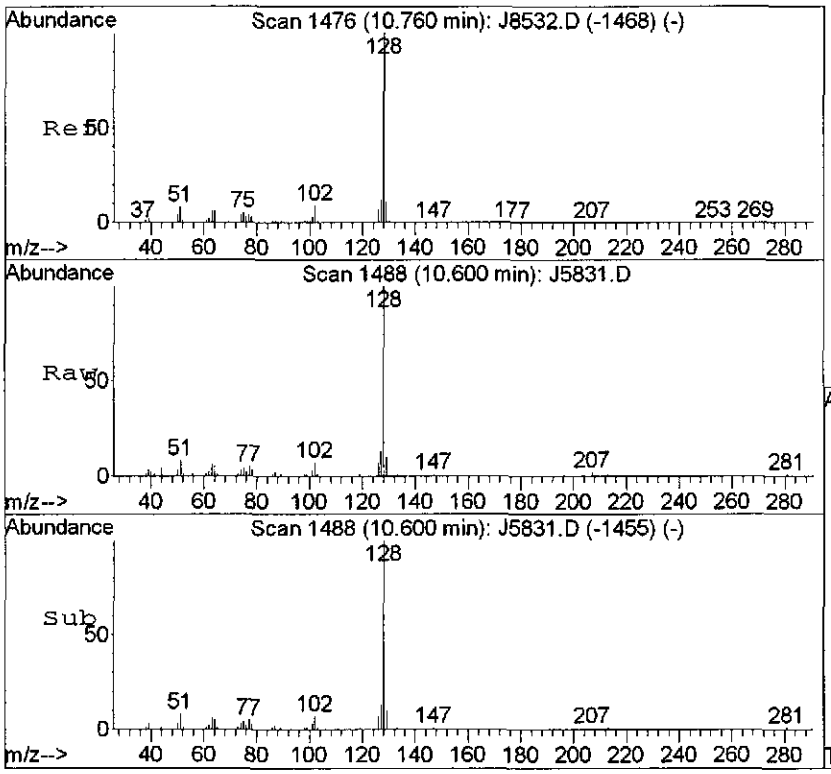


#57
C246 m,p-Xylene
Concen: 1.16 ug/L
RT: 7.01 min Scan# 899
Delta R.T. 0.00 min
Lab File: J5831.D
Acq: 7 Jul 2010 11:03

Tgt Ion:106 Resp: 35839

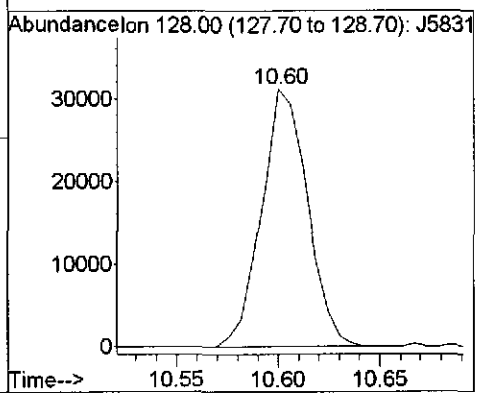
Ion	Ratio	Lower	Upper
106	100		
91	169.3	179.0	219.0#





#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.	

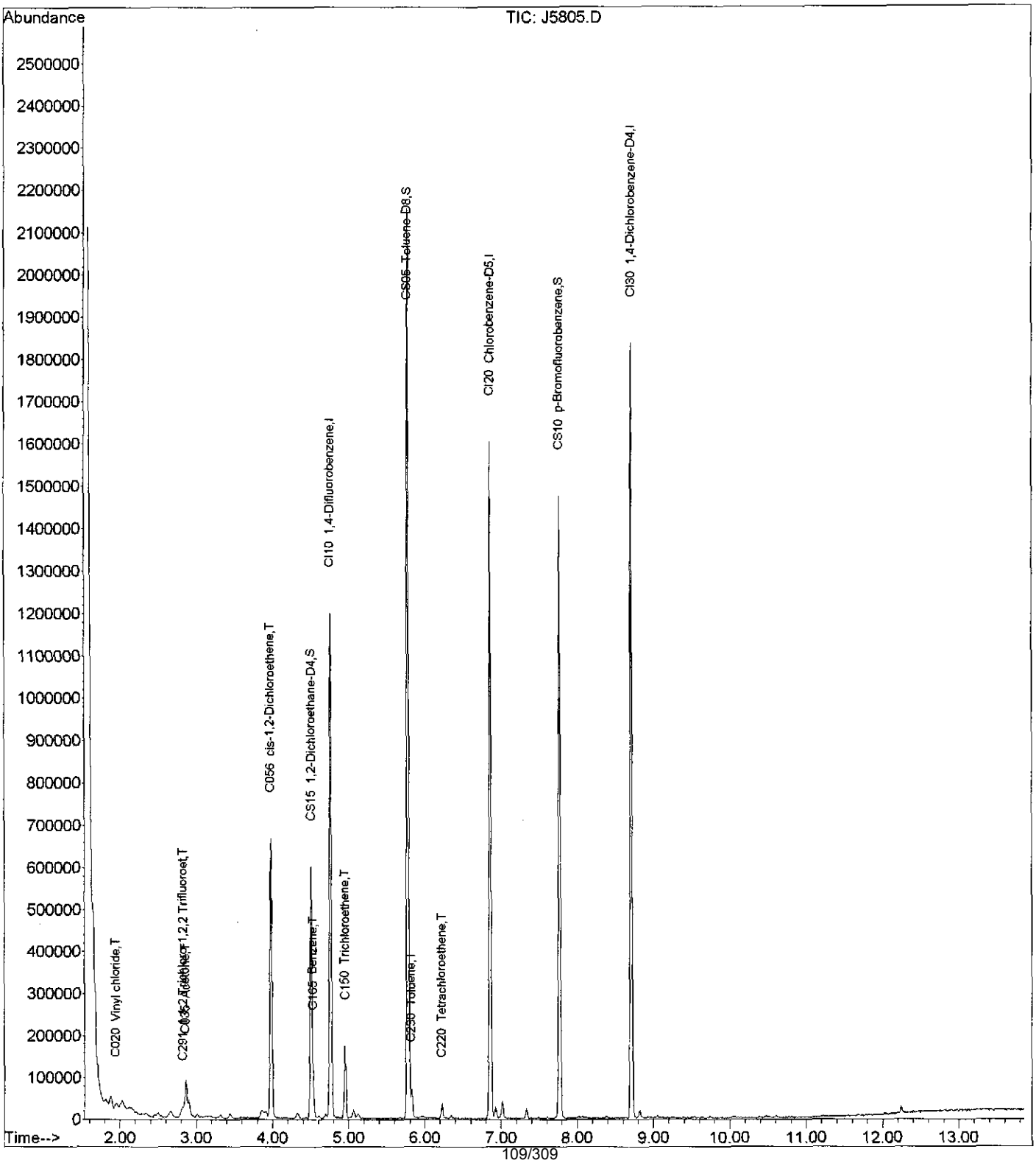
(#) = qualifier out of range (m) = manual integration (+) = signals summed

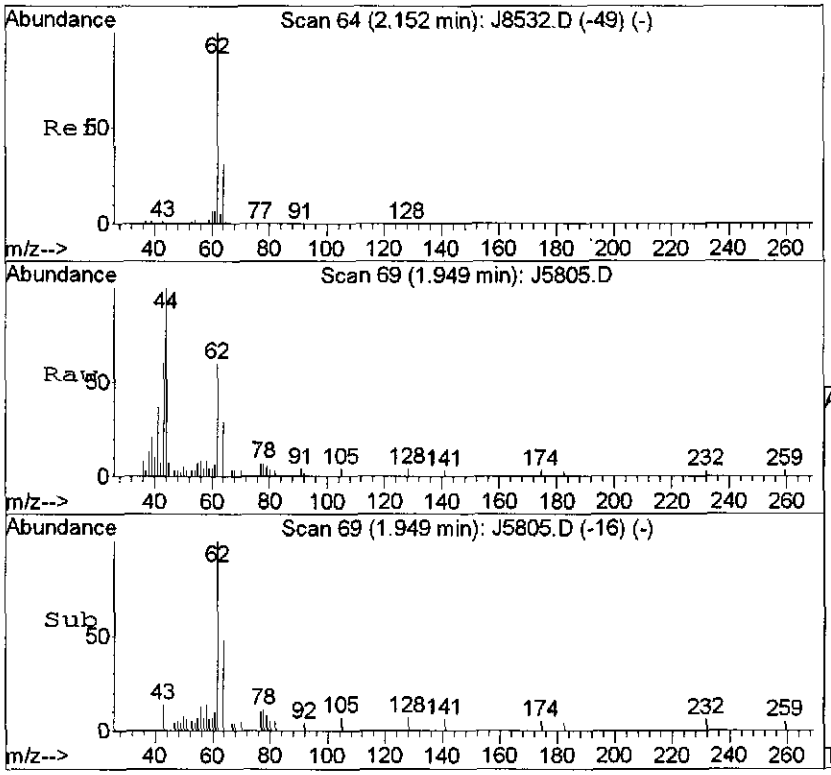
9/2/11

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

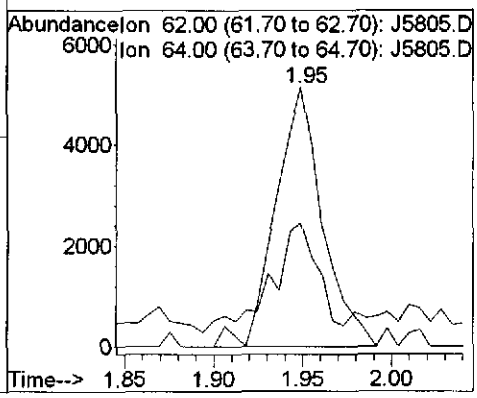


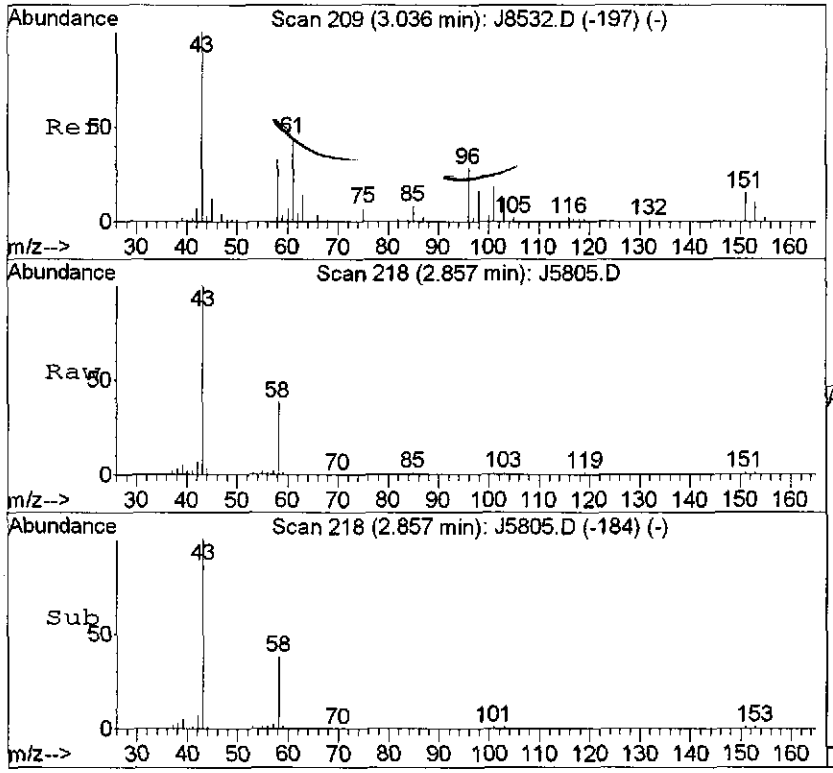


#4
C020 Vinyl chloride
Concen: 0.80 ug/L
RT: 1.95 min Scan# 69
Delta R.T. 0.02 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 62 Resp: 9392

Ion	Ratio	Lower	Upper
62	100		
64	47.8	10.4	50.4

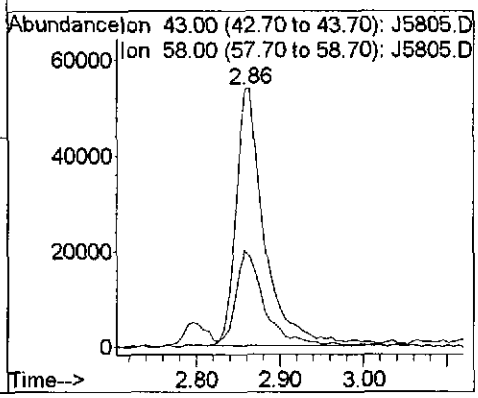


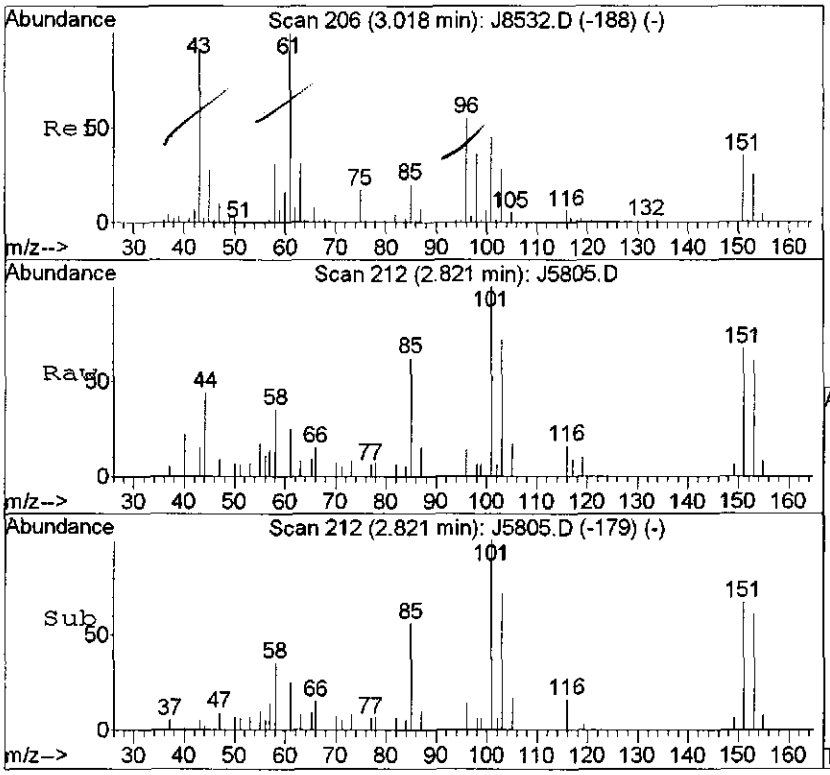


#13
C035 Acetone
Concen: 28.13 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 43 Resp: 128172

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.6	43.0

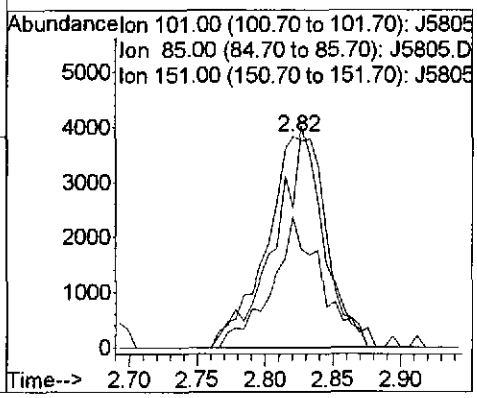


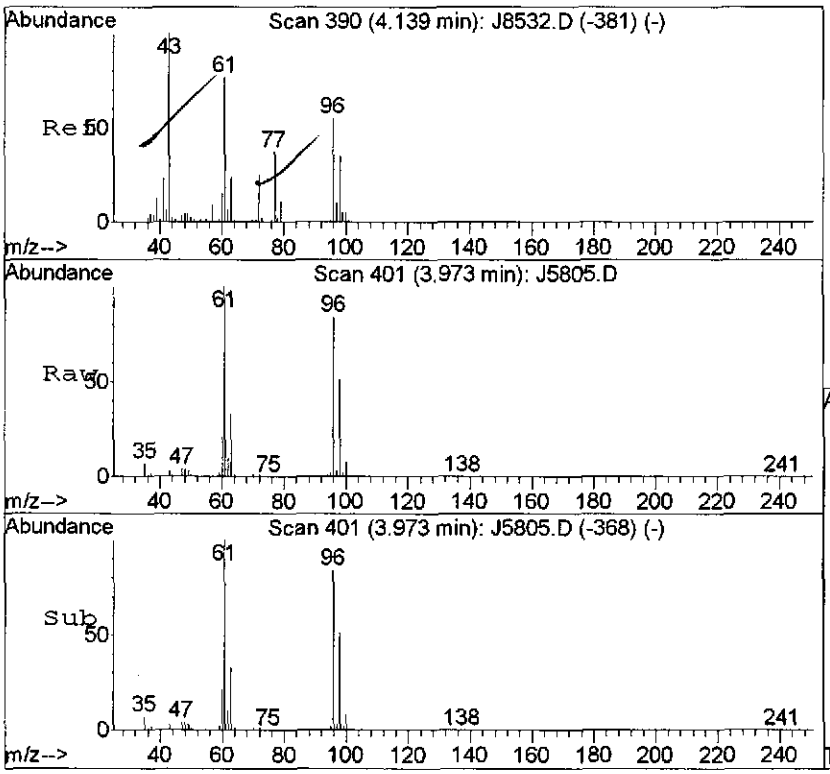


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 0.97 ug/L
RT: 2.82 min Scan# 212
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

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

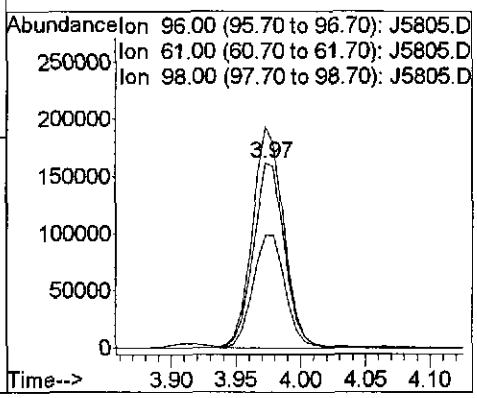


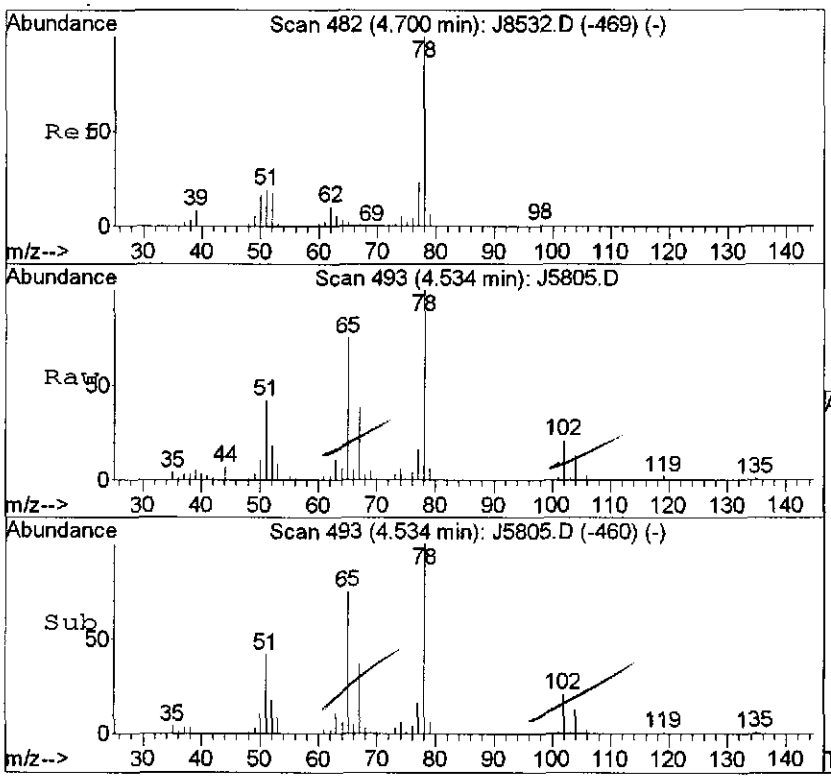


#23
C056 cis-1,2-Dichloroethene
Concen: 16.60 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

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

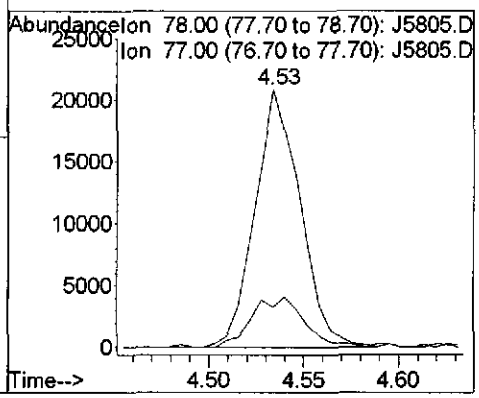


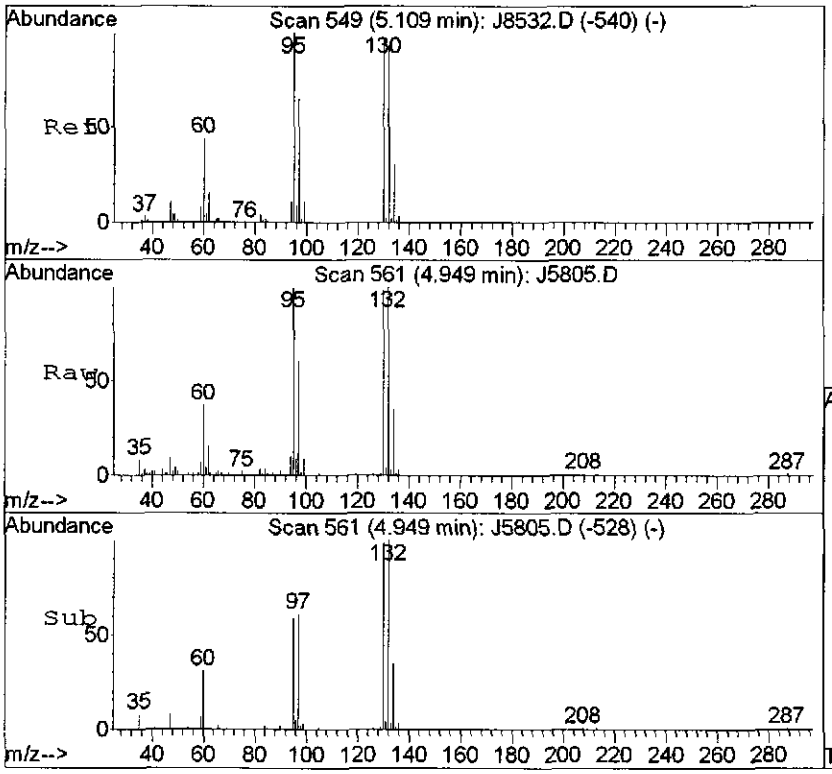


#31
C165 Benzene
Concen: 0.55 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 78 Resp: 34552

Ion	Ratio	Lower	Upper
78	100		
77	15.8	3.1	43.1

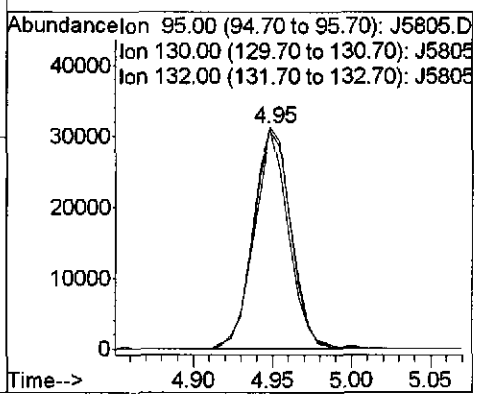


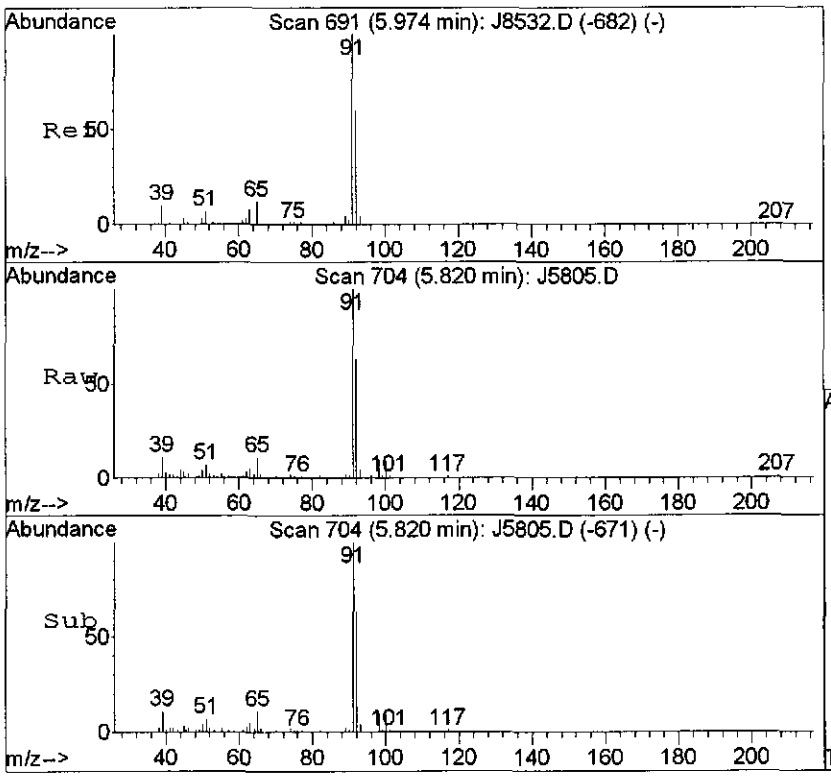


#35
C150 Trichloroethene
Concen: 3.12 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

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

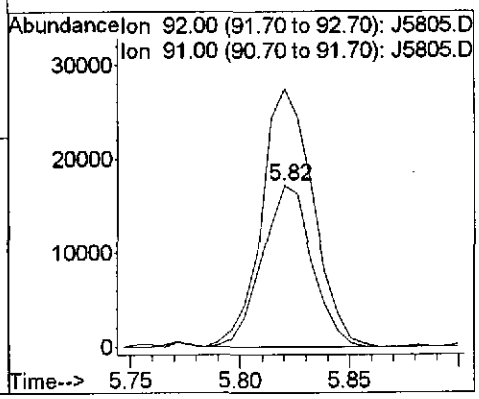


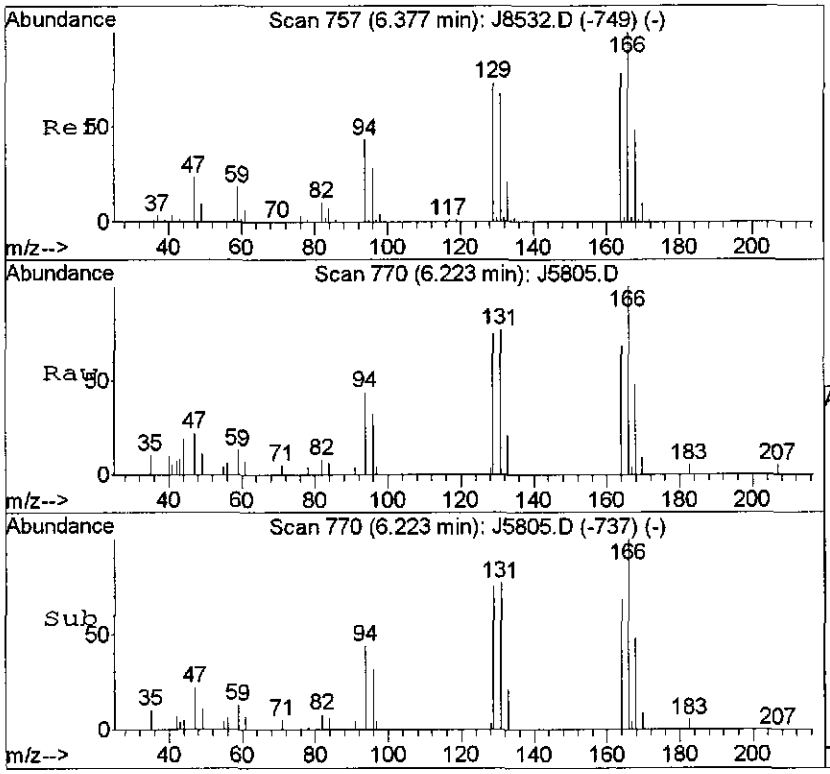


#44
C230 Toluene
Concen: 0.65 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

Tgt Ion: 92 Resp: 27231

Ion	Ratio	Lower	Upper
92	100		
91	159.6	147.0	187.0

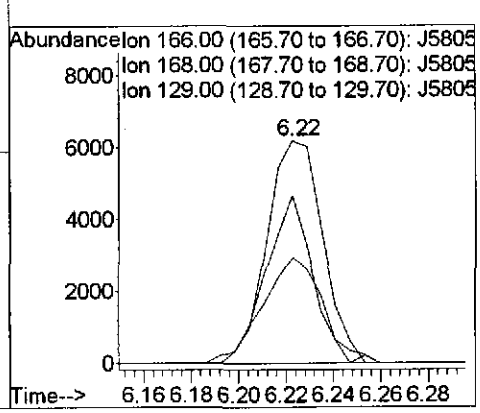




#49
C220 Tetrachloroethene
Concen: 0.61 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5805.D
Acq: 6 Jul 2010 16:20

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

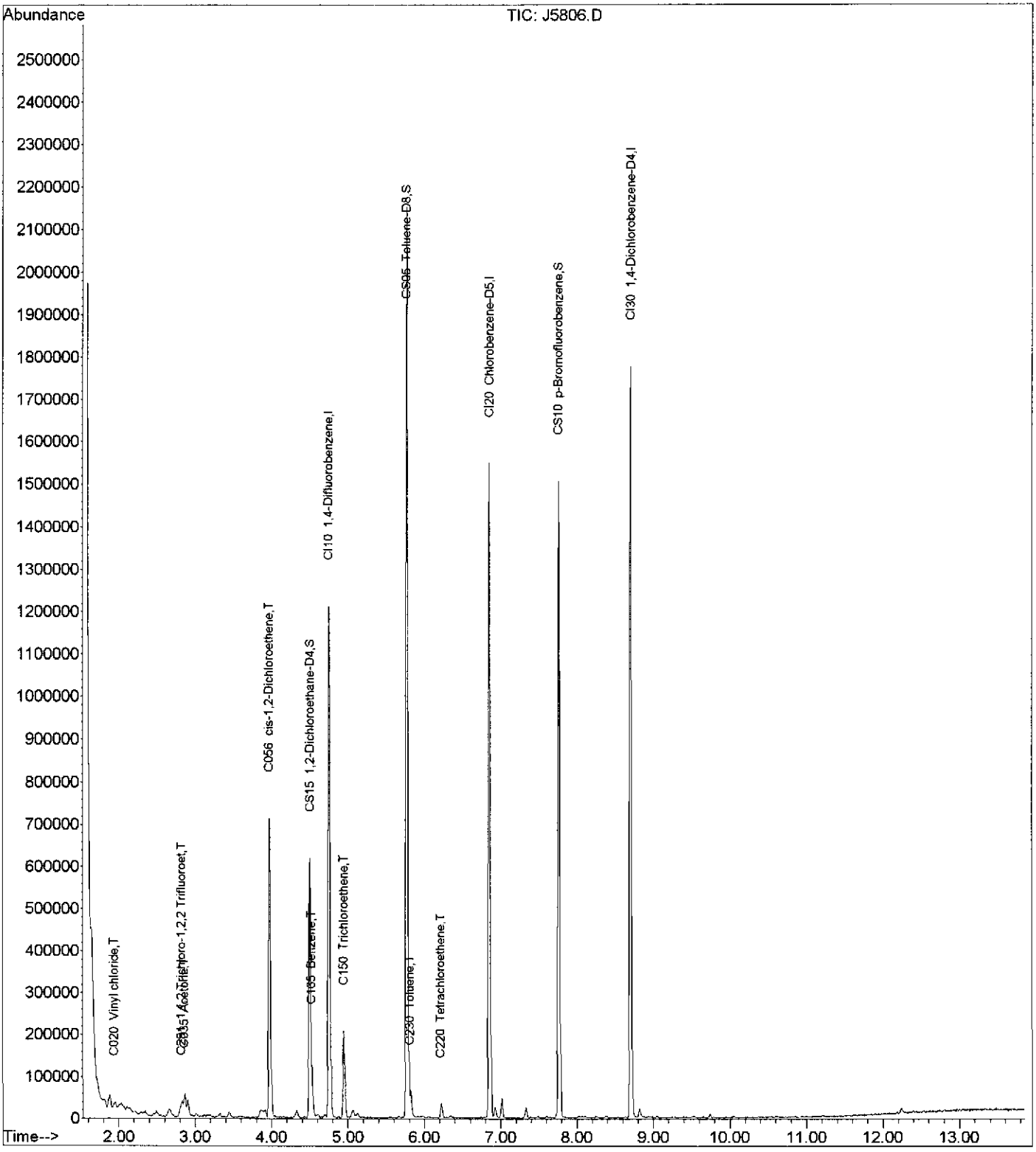
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.50	75	80	N.D.	
44) C230	Toluene	5.82	92	24700	0.60 ug/L	91
45) C170	trans-1,3-Dichloro	5.95	75	74	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	190	N.D.	
47) C160	1,1,2-Trichloroeth	6.14	83	90	N.D.	
48) C210	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.	

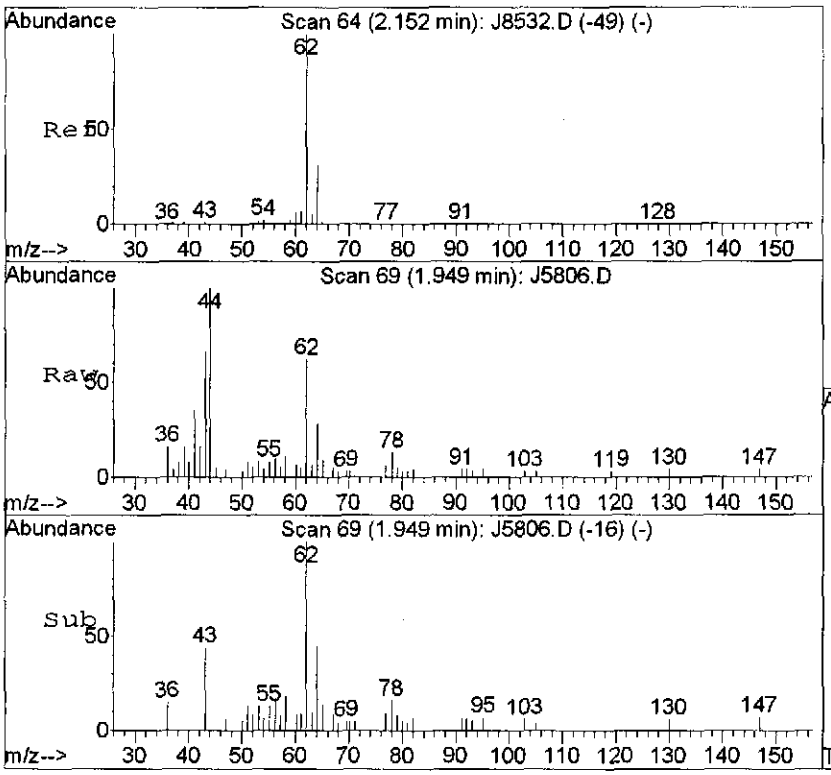
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

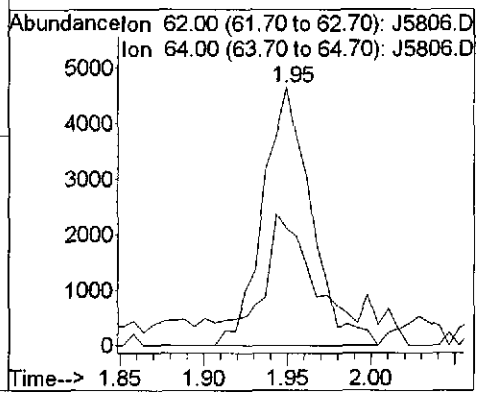


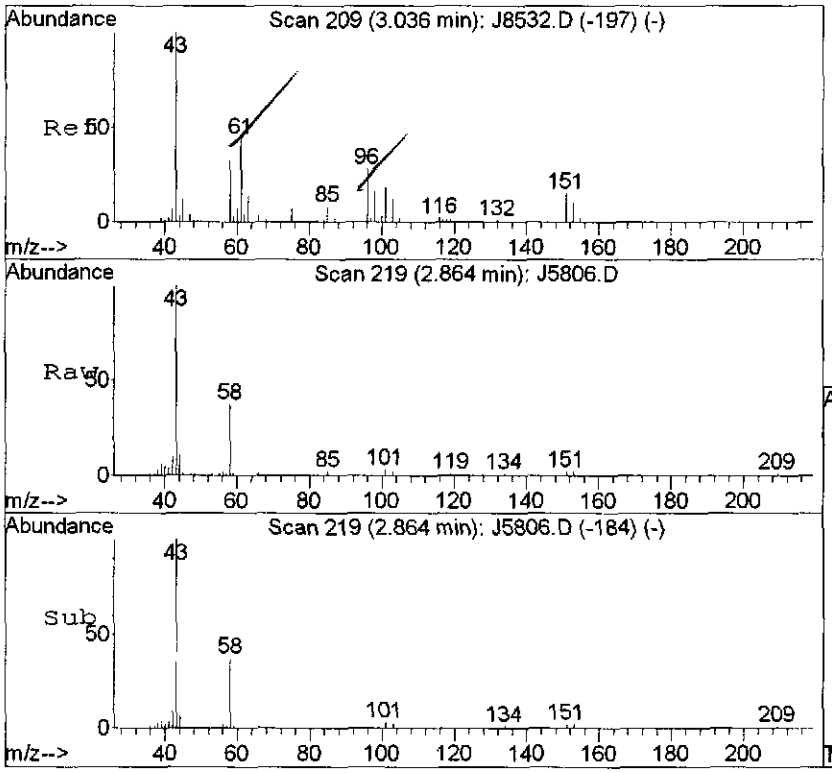


#4
C020 Vinyl chloride
Concen: 0.80 ug/L
RT: 1.95 min Scan# 69
Delta R.T. 0.02 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 62 Resp: 9341

Ion	Ratio	Lower	Upper
62	100		
64	45.4	10.4	50.4

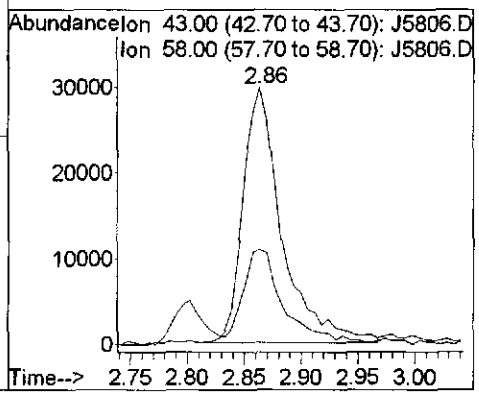


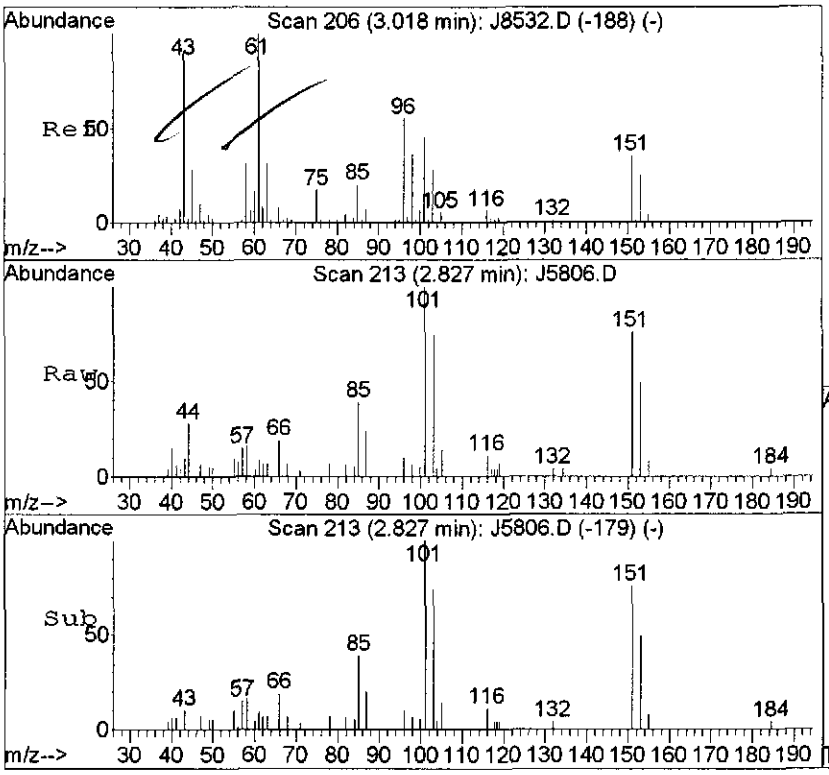


#13
C035 Acetone
Concen: 15.66 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 43 Resp: 70977

Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.6	43.0

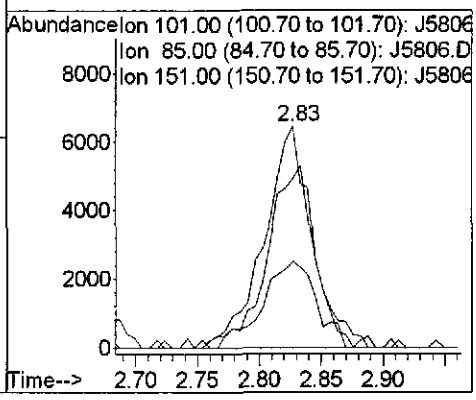


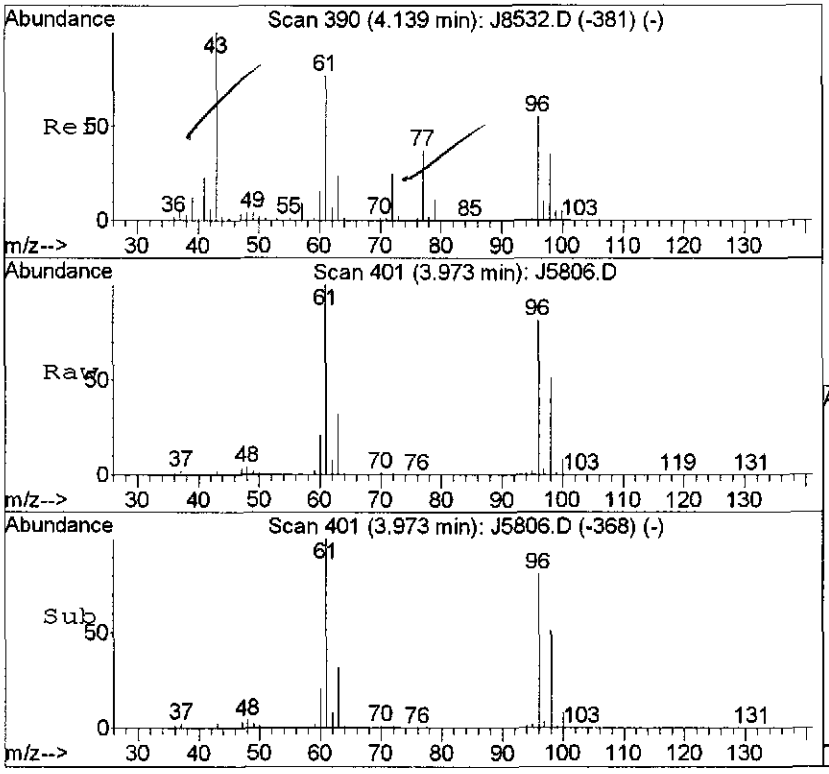


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 1.45 ug/L
RT: 2.83 min Scan# 213
Delta R.T. 0.01 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

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

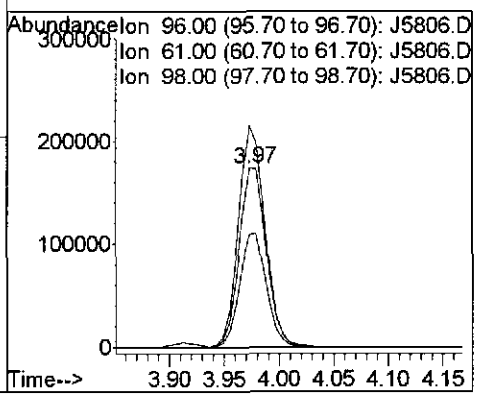


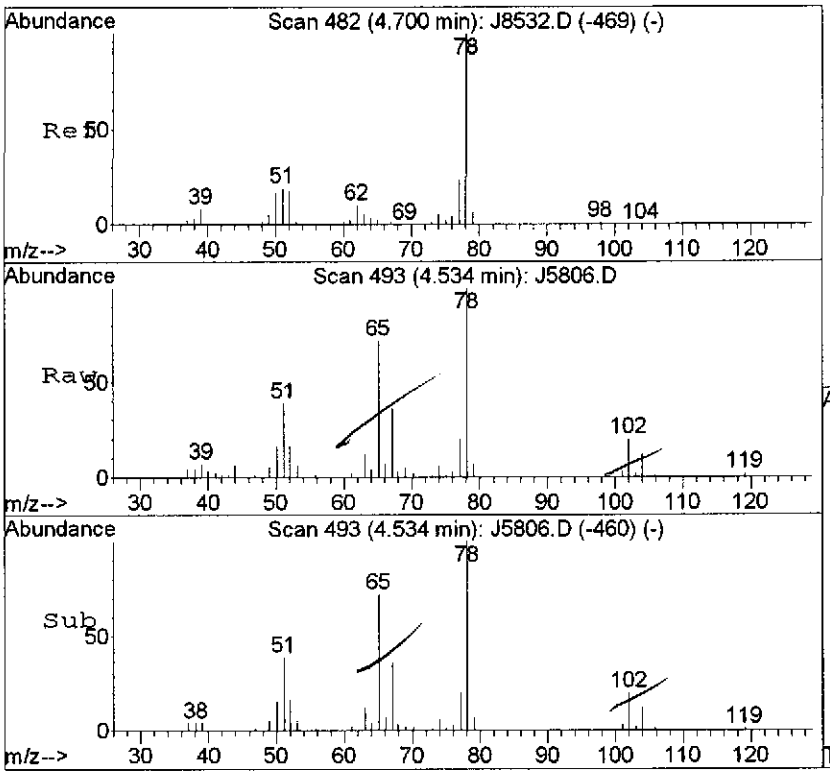


#23
C056 cis-1,2-Dichloroethene
Concen: 18.44 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

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

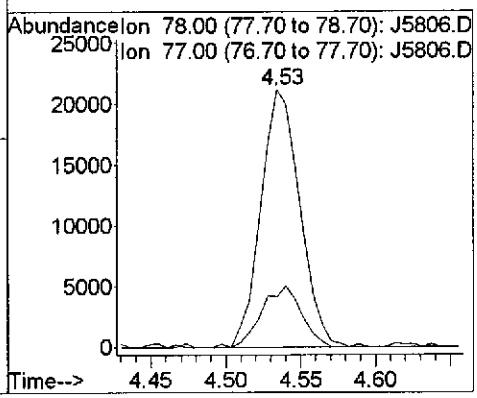


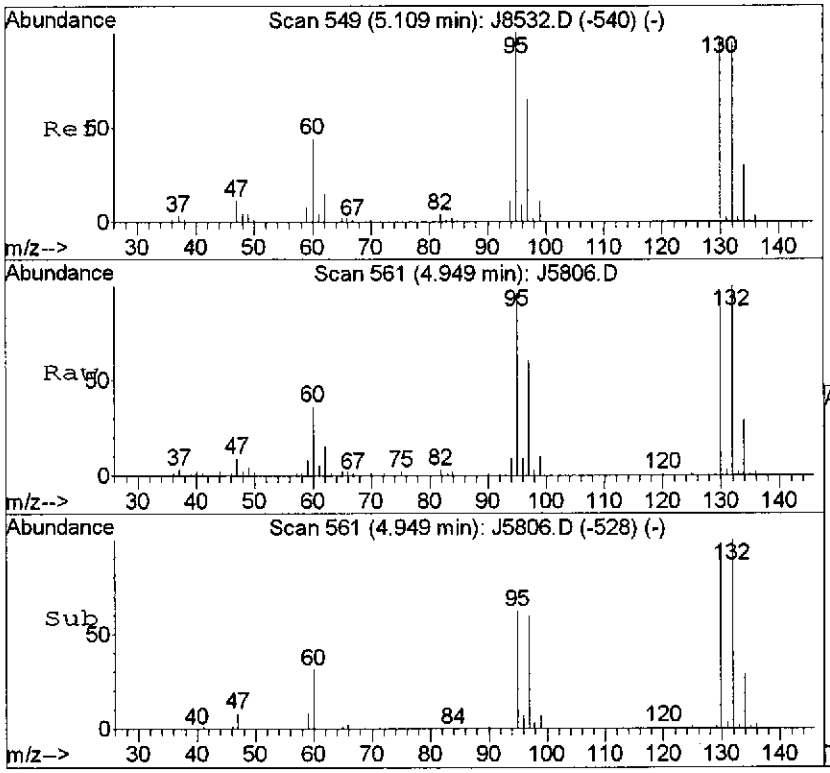


#31
C165 Benzene
Concen: 0.61 ug/L
RT: 4.53 min Scan# 493
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 78 Resp: 38526

Ion	Ratio	Lower	Upper
78	100		
77	19.7	3.1	43.1

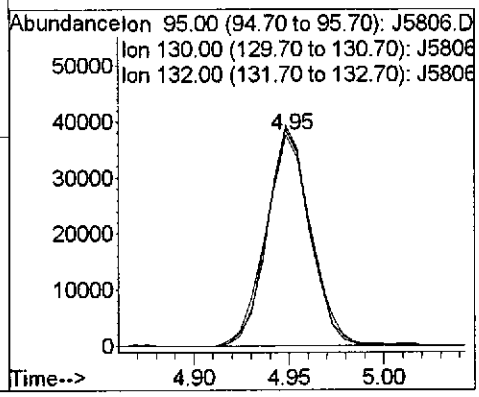


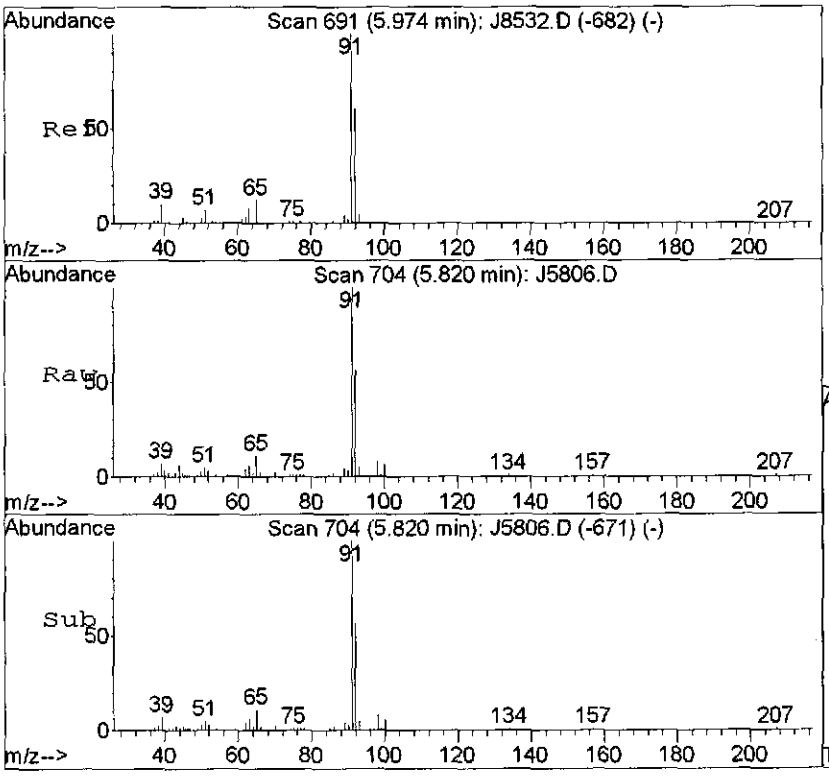


#35
C150 Trichloroethene
Concen: 4.01 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

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

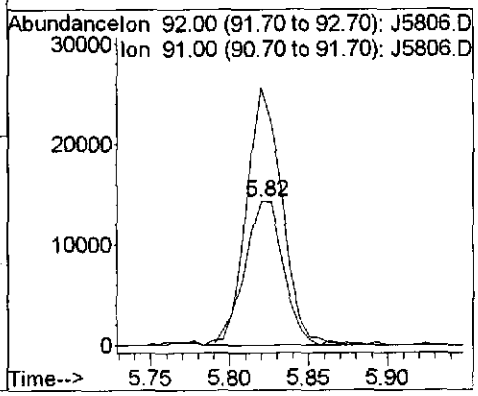


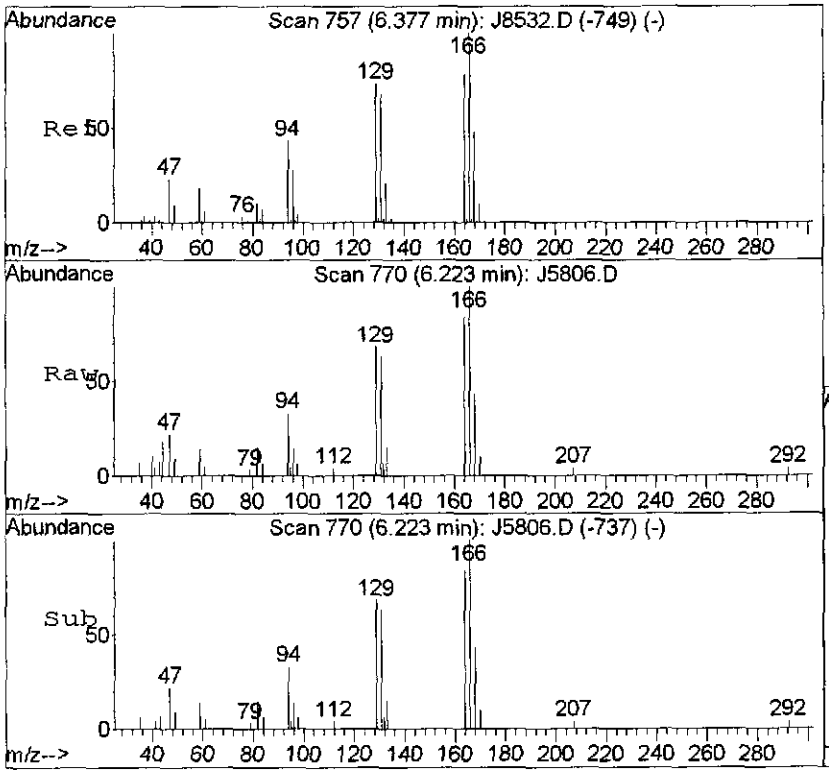


#44
C230 Toluene
Concen: 0.60 ug/L
RT: 5.82 min Scan# 704
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

Tgt Ion: 92 Resp: 24700

Ion	Ratio	Lower	Upper
92	100		
91	178.9	147.0	187.0

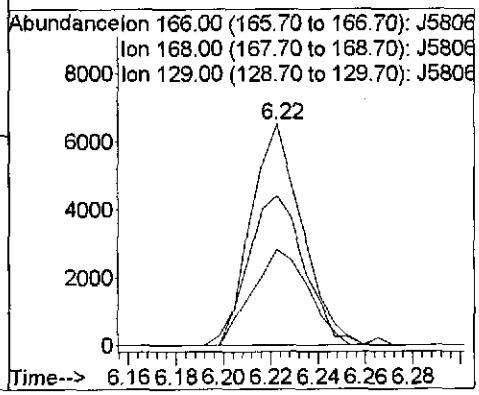




#49
C220 Tetrachloroethene
Concen: 0.59 ug/L
RT: 6.22 min Scan# 770
Delta R.T. -0.00 min
Lab File: J5806.D
Acq: 6 Jul 2010 16:43

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.		

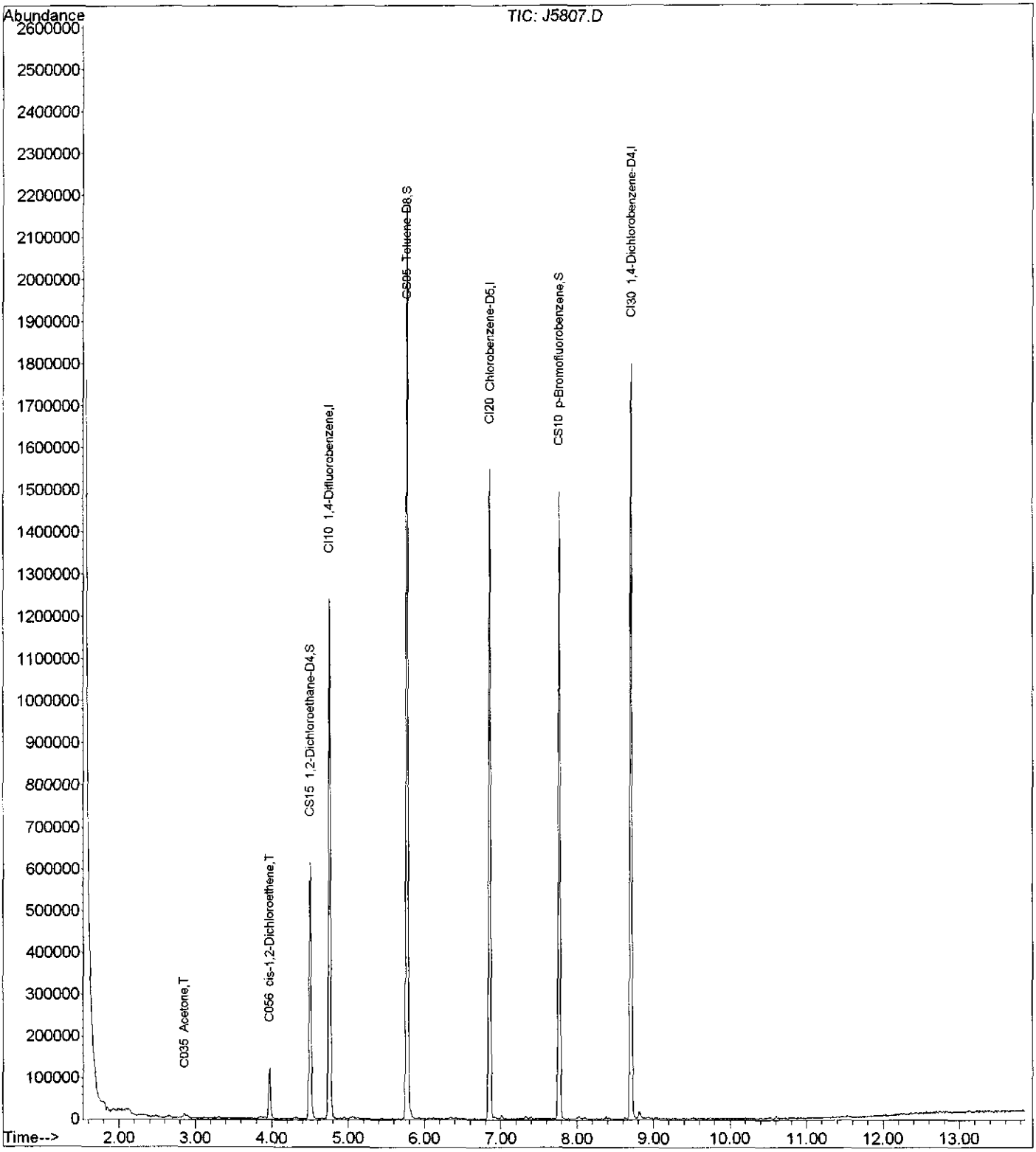
(#) = qualifier out of range (m) = manual integration (+) = signals summed

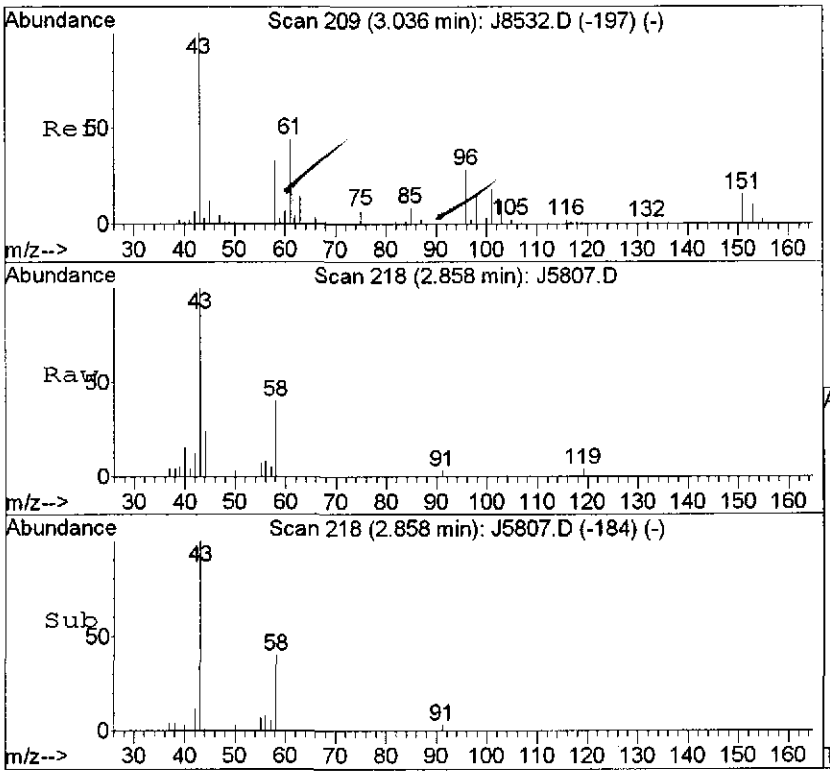
7/7/2010

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

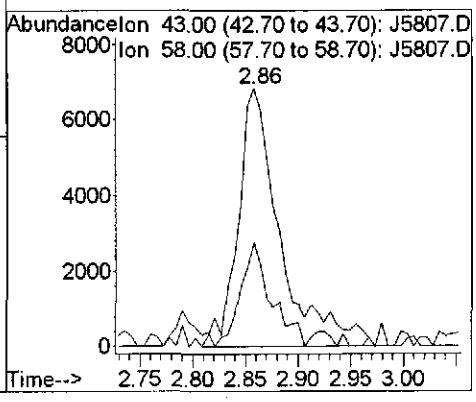


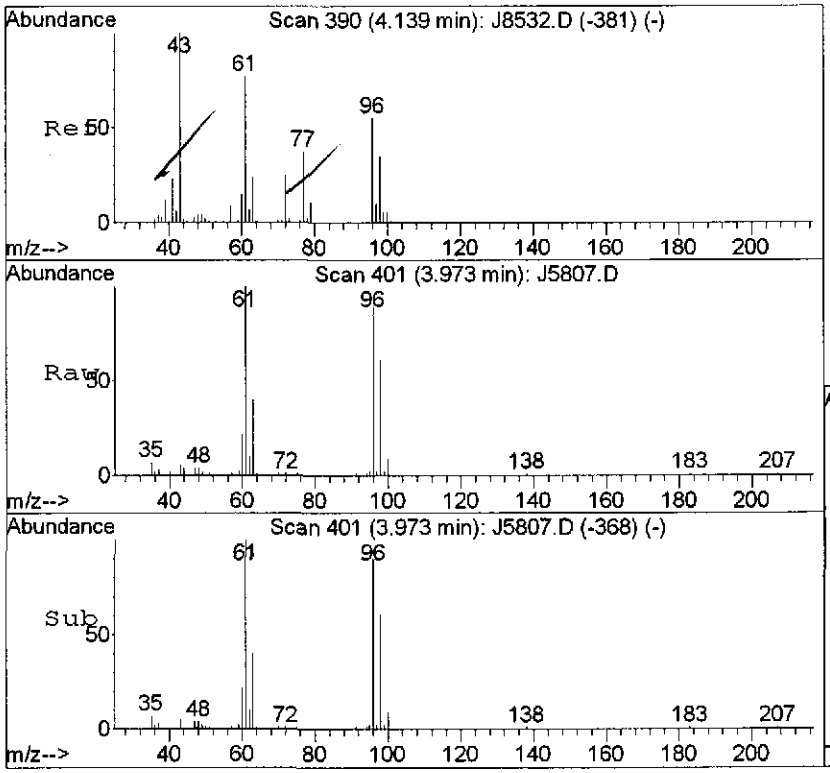


#13
C035 Acetone
Concen: 4.14 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5807.D
Acq: 6 Jul 2010 17:04

Tgt Ion: 43 Resp: 18846

Ion	Ratio	Lower	Upper
43	100		
58	40.4	28.6	43.0

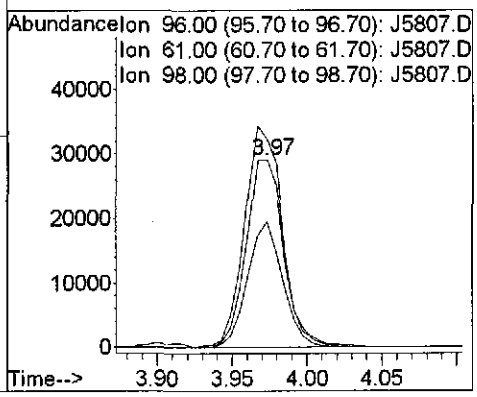




#23
C056 cis-1,2-Dichloroethene
Concen: 3.09 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5807.D
Acq: 6 Jul 2010 17:04

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

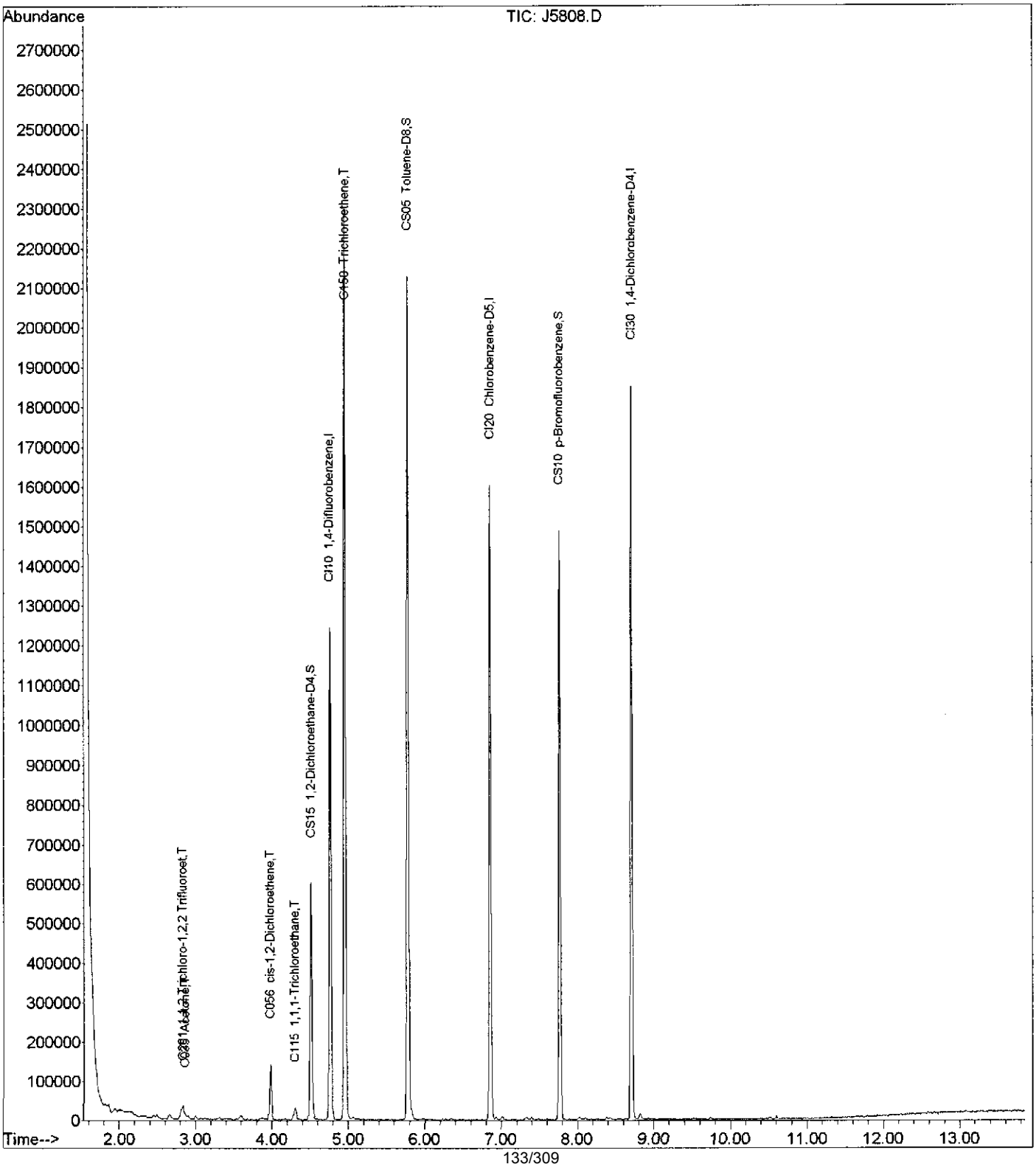
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.47	75	97	N.D.	
44) C230	Toluene	5.82	92	8453	N.D.	
45) C170	trans-1,3-Dichloro	5.97	75	86	N.D.	
46) C284	Ethyl Methacrylate	6.00	69	83	N.D.	
47) C160	1,1,2-Trichloroeth	6.13	83	78	N.D.	
48) C210	4-Methyl-2-pentano	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.	

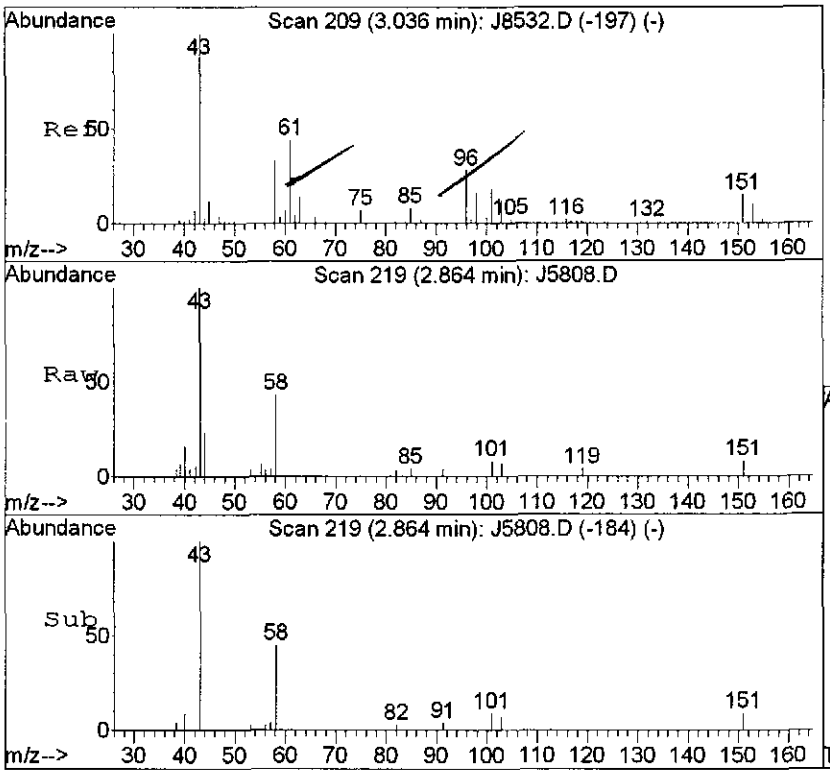
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

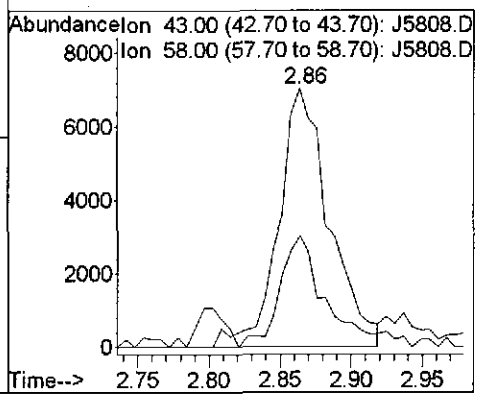


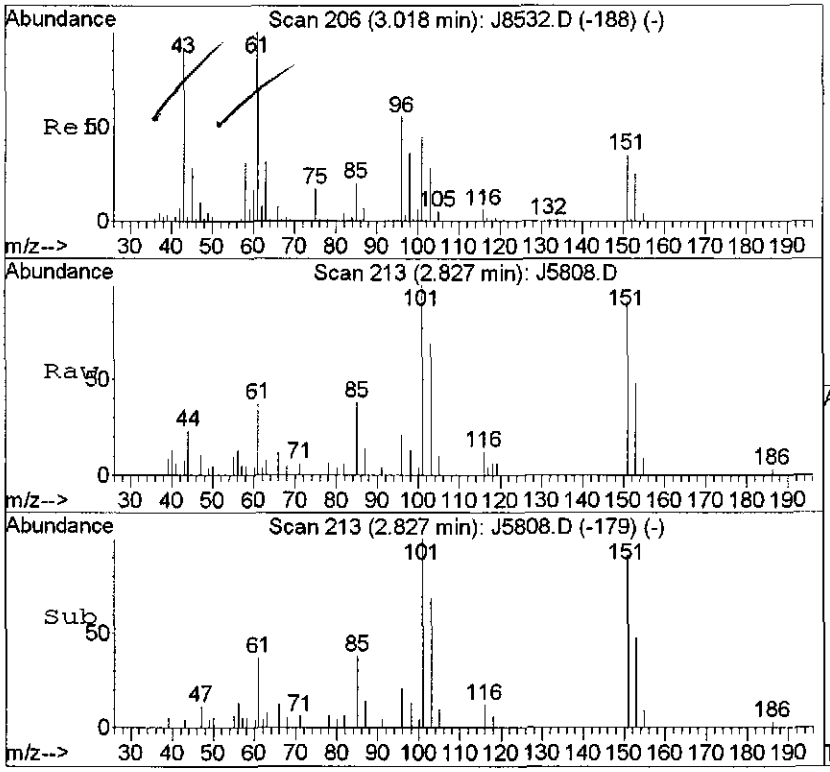


#13
C035 Acetone
Concen: 3.74 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

Tgt Ion: 43 Resp: 17506

Ion	Ratio	Lower	Upper
43	100		
58	43.1	28.6	43.0#

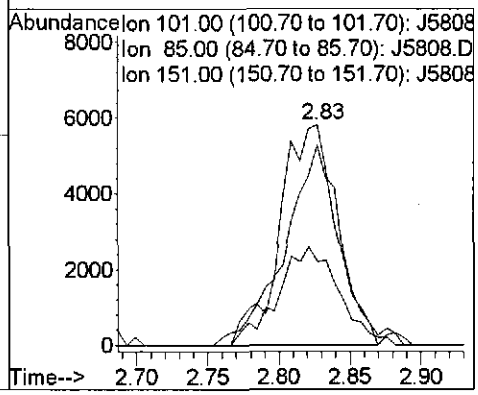


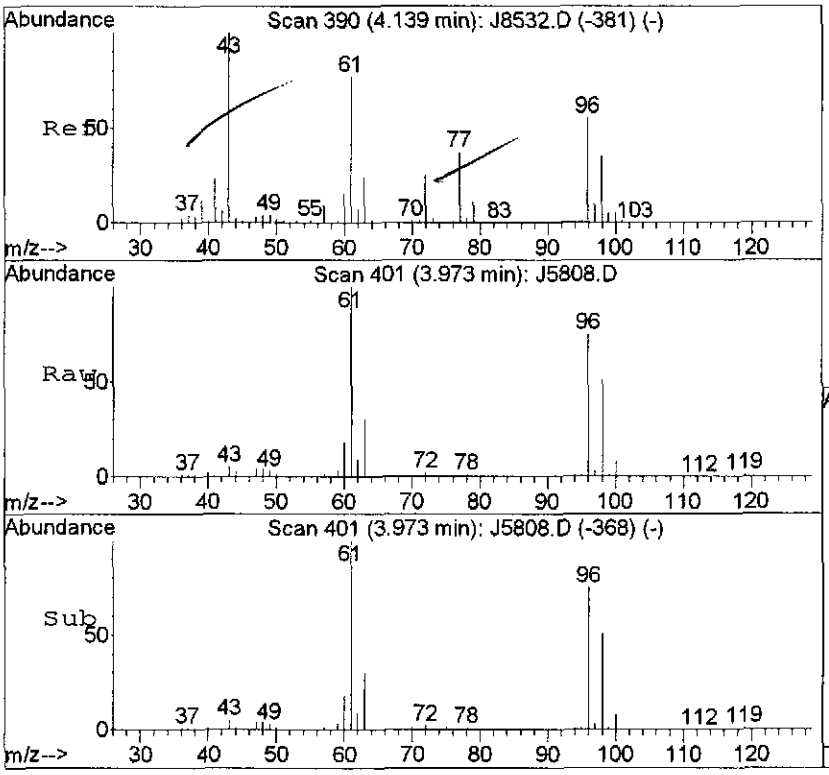


#16
C291 1,1,2 Trichloro-1,2,2 Trif
Concen: 1.31 ug/L
RT: 2.83 min Scan# 213
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

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

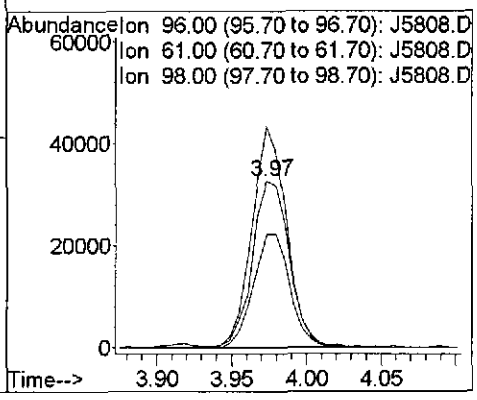


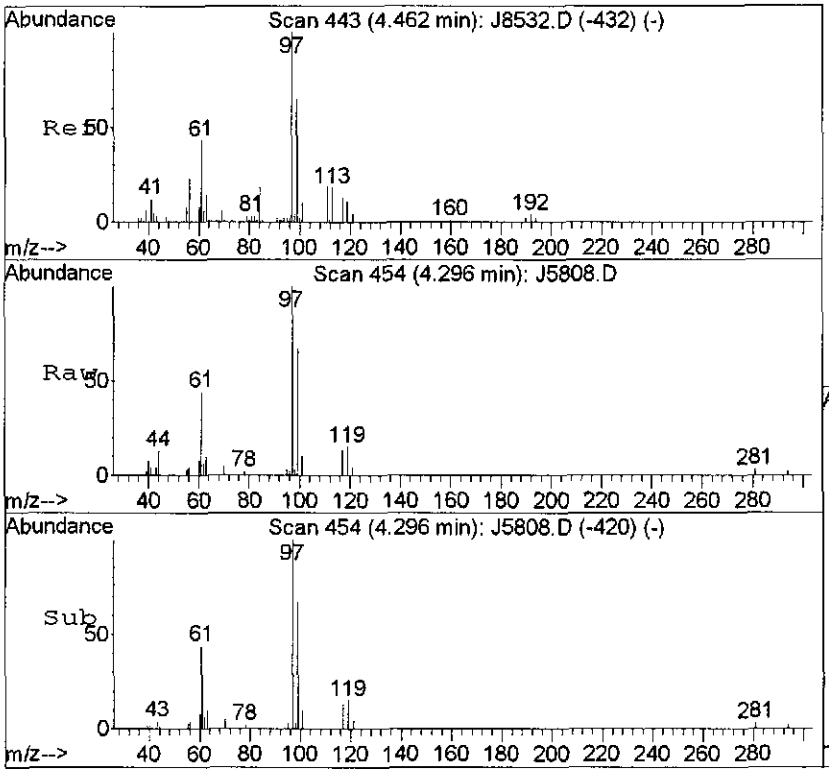


#23
C056 cis-1,2-Dichloroethene
Concen: 3.33 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

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

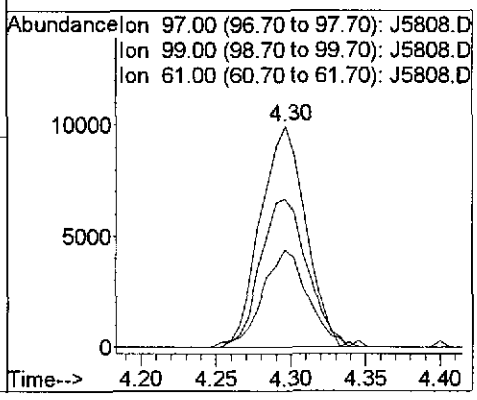


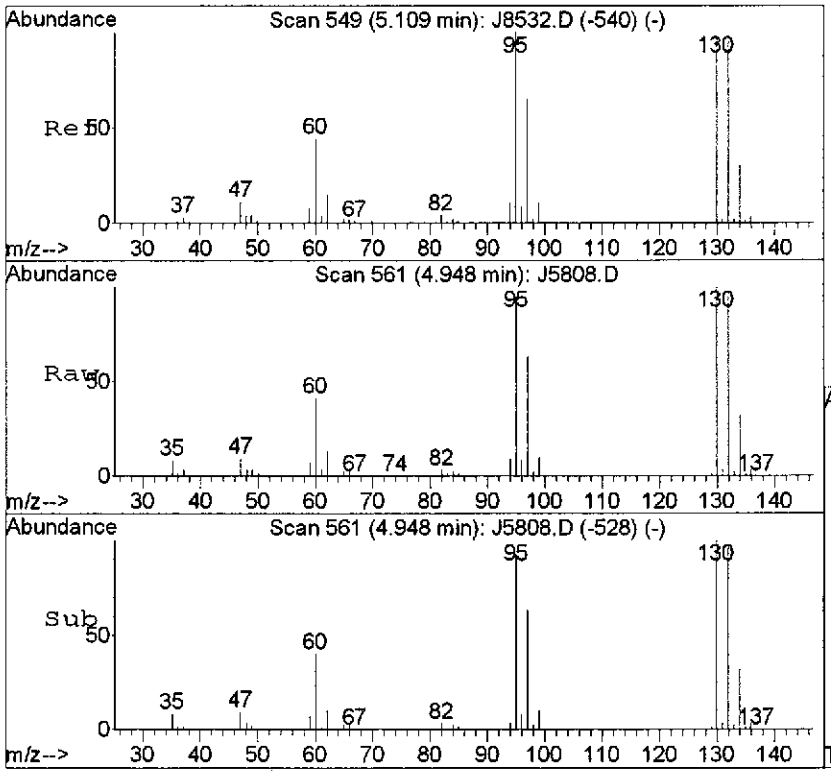


#27
C115 1,1,1-Trichloroethane
Concen: 0.95 ug/L
RT: 4.30 min Scan# 454
Delta R.T. 0.01 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

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

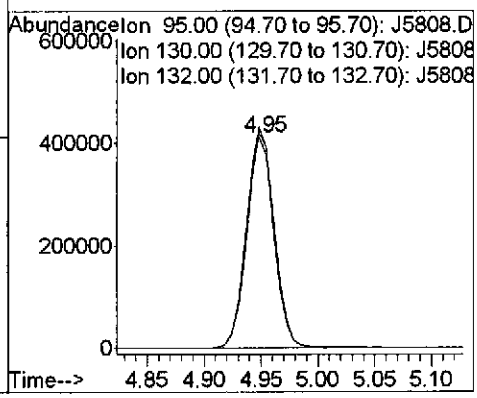




#35
C150 Trichloroethene
Concen: 44.40 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5808.D
Acq: 6 Jul 2010 17:26

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.	

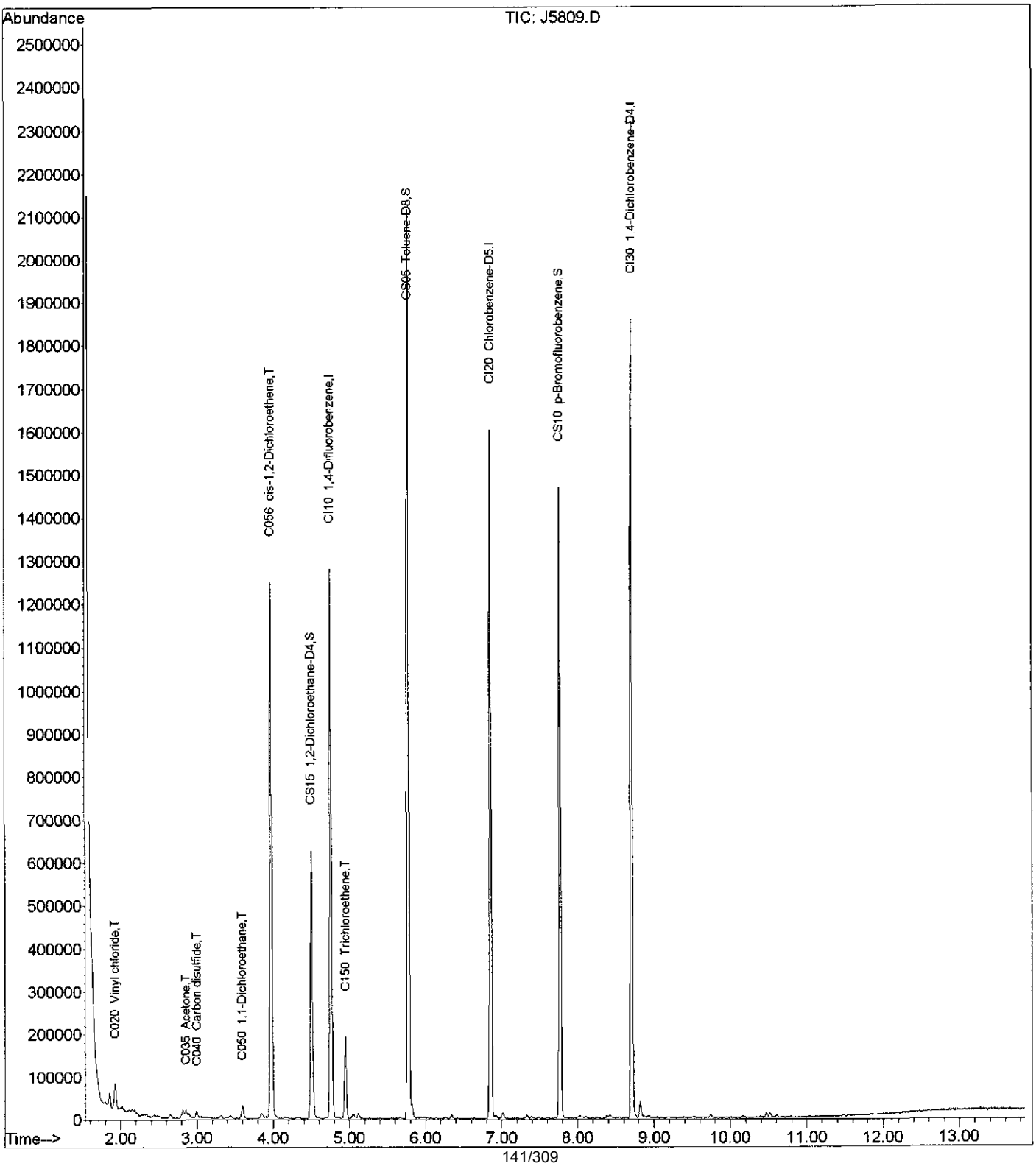
(#) = qualifier out of range (m) = manual integration (+) = signals summed

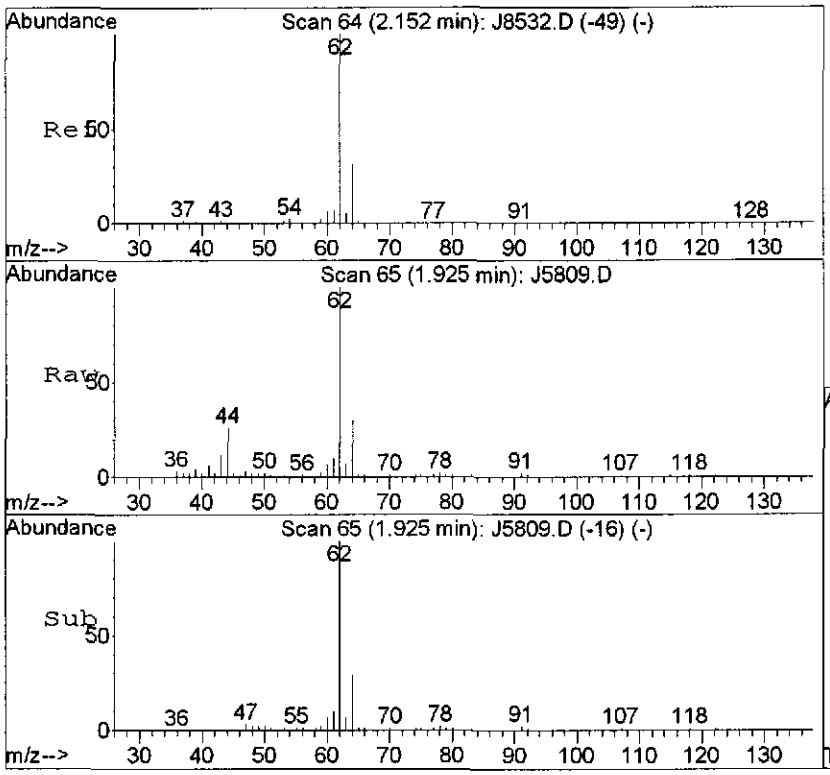
7/7/10

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

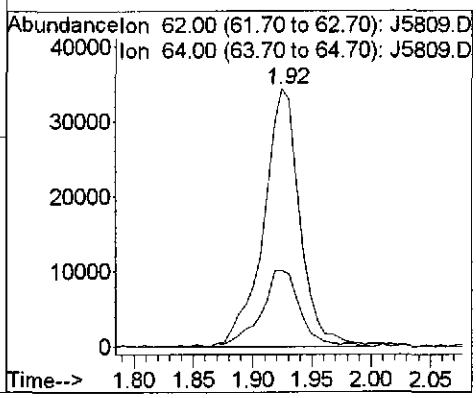


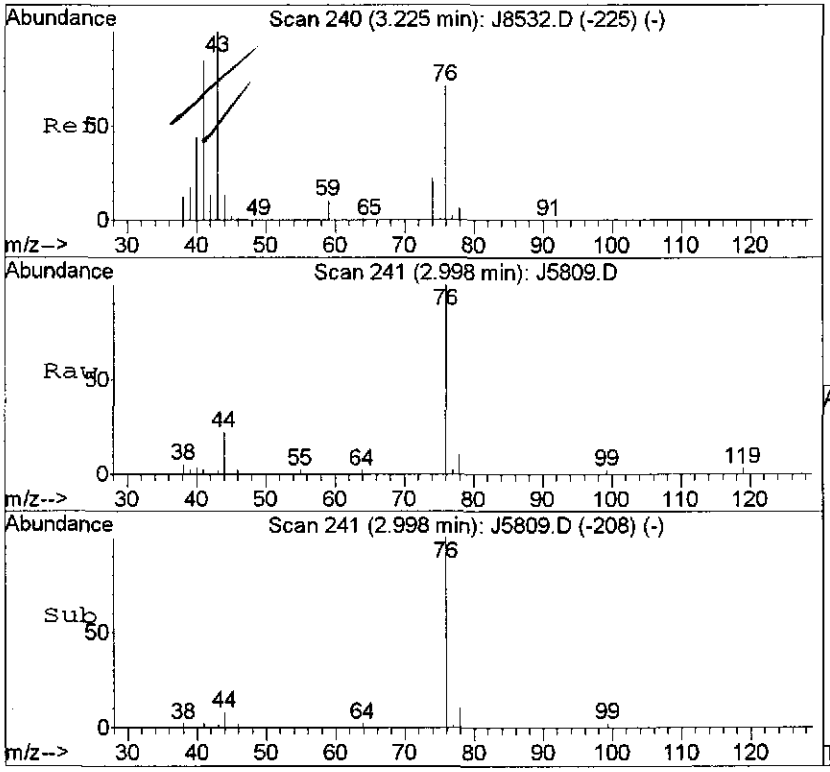


#4
C020 Vinyl chloride
Concen: 6.11 ug/L
RT: 1.92 min Scan# 65
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 62 Resp: 73600

Ion	Ratio	Lower	Upper
62	100		
64	29.6	10.4	50.4

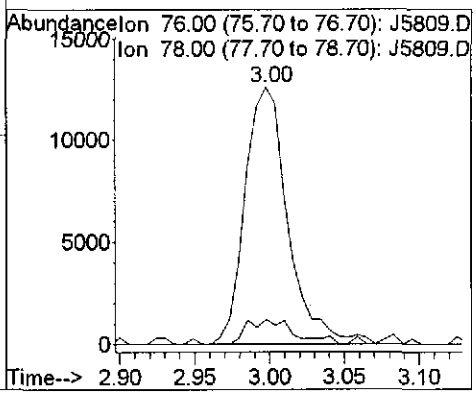


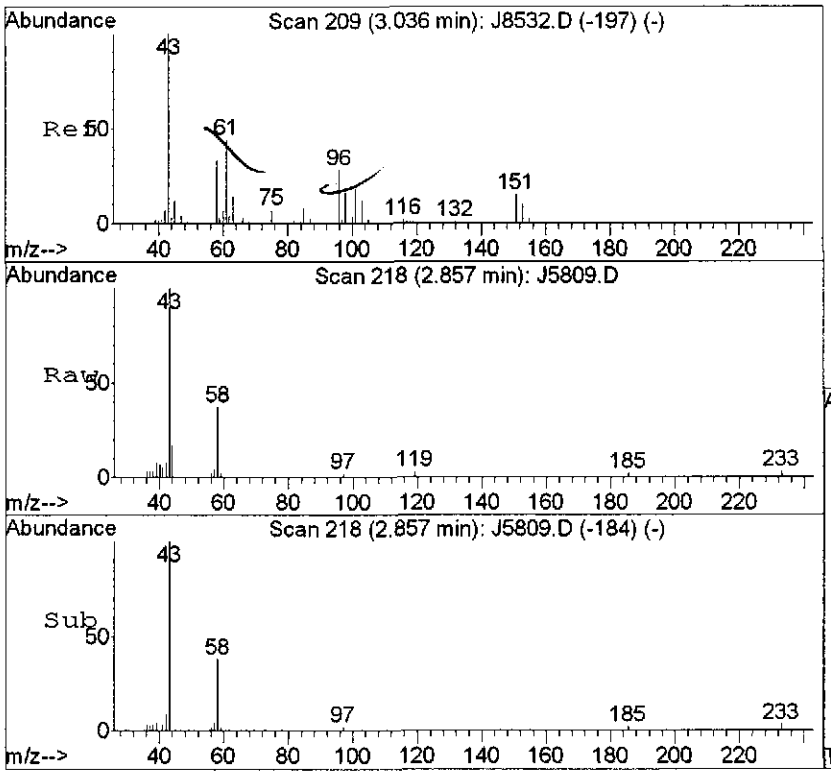


#10
C040 Carbon disulfide
Concen: 0.60 ug/L
RT: 3.00 min Scan# 241
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 76 Resp: 25099

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

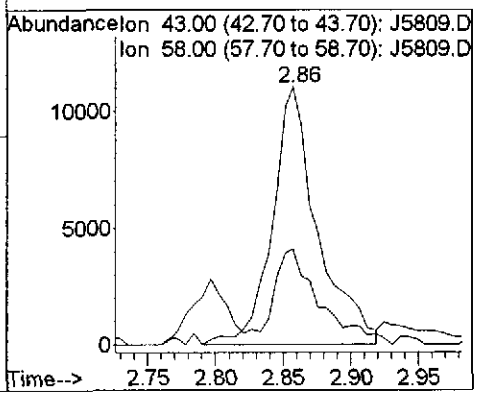


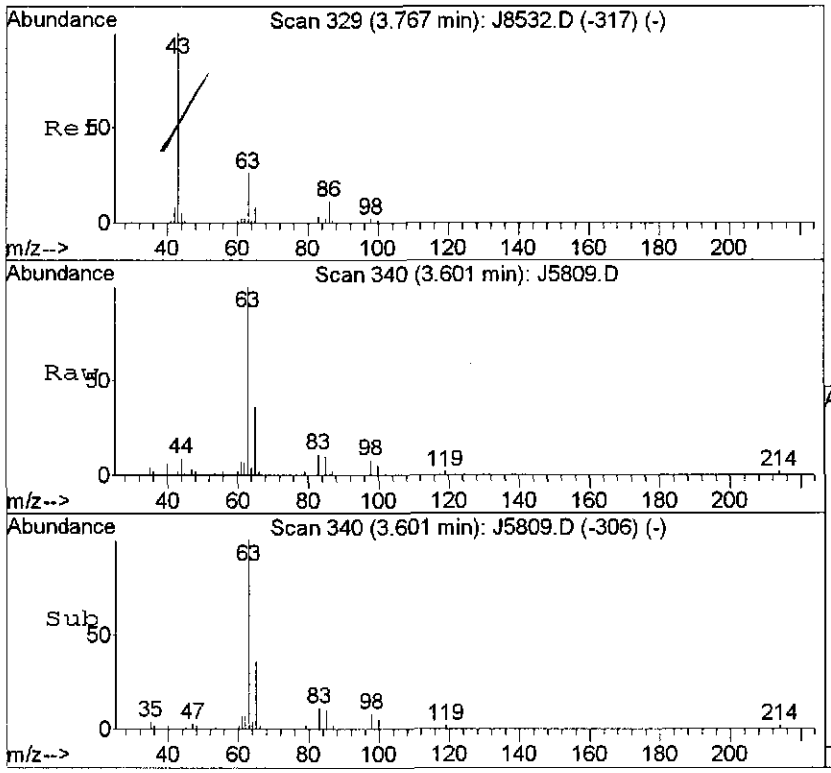


#13
C035 Acetone
Concen: 5.54 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

Tgt Ion: 43 Resp: 25787

Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.6	43.0

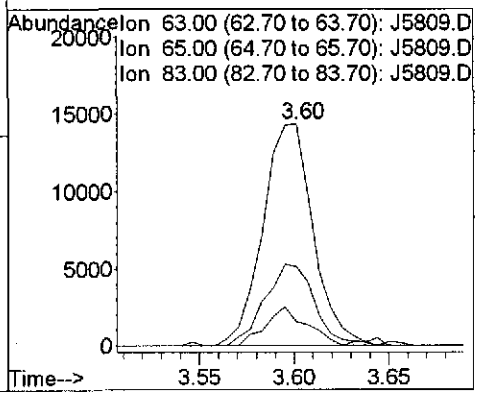


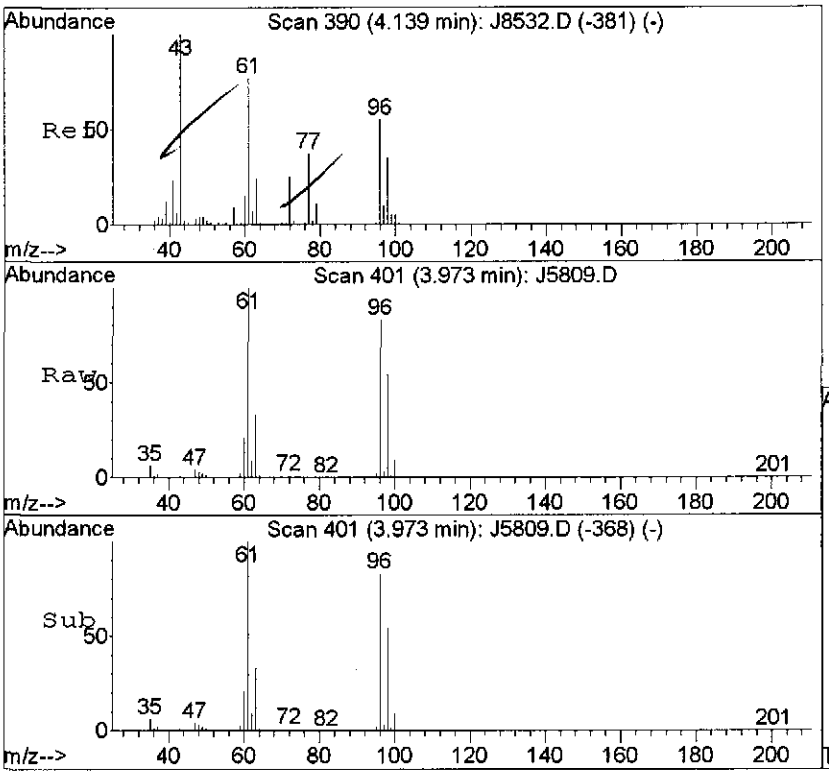


#20
C050 1,1-Dichloroethane
Concen: 1.02 ug/L
RT: 3.60 min Scan# 340
Delta R.T. 0.01 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

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

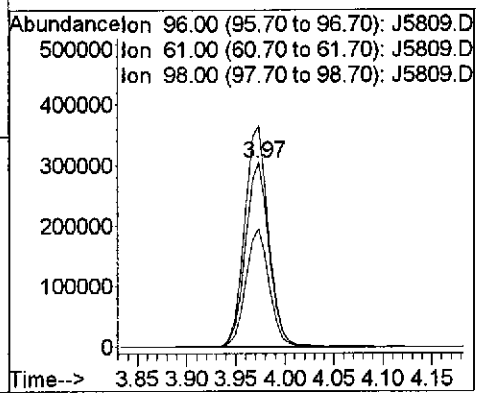


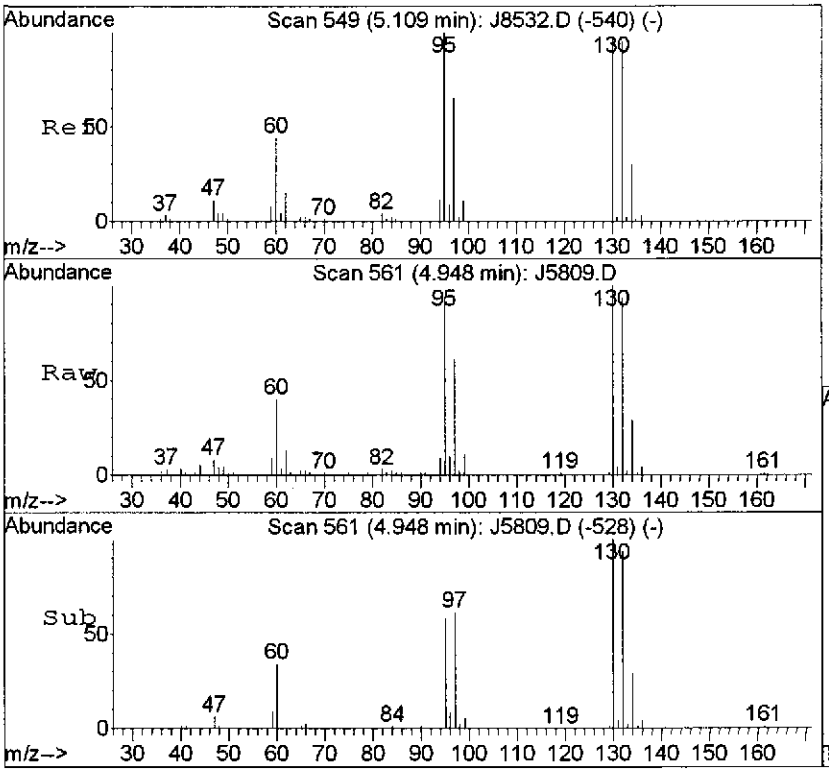


#23
C056 cis-1,2-Dichloroethene
Concen: 30.59 ug/L
RT: 3.97 min Scan# 401
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

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

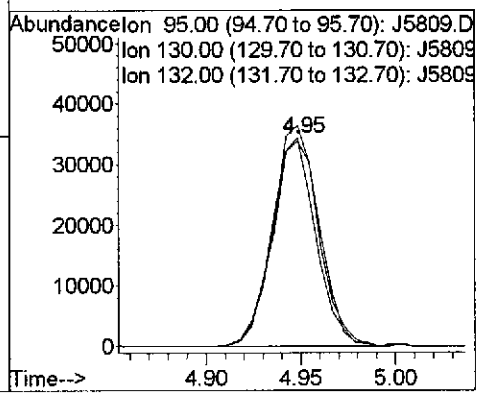




#35
C150 Trichloroethene
Concen: 3.57 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5809.D
Acq: 6 Jul 2010 17:48

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

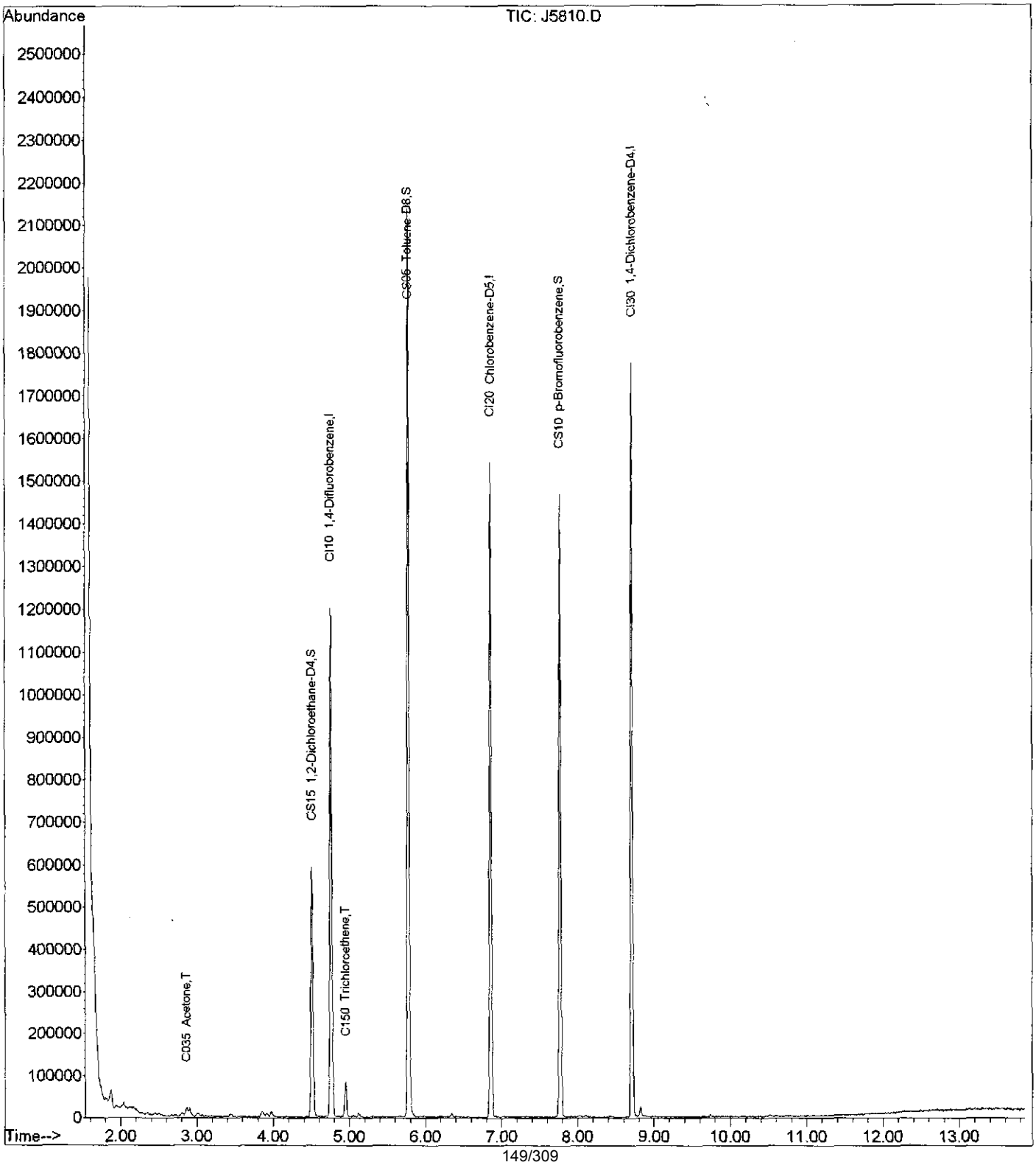
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	2473	N.D.	
45) C170	trans-1,3-Dichloro	5.99	75	83	N.D.	
46) C284	Ethyl Methacrylate	6.05	69	106	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	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.	

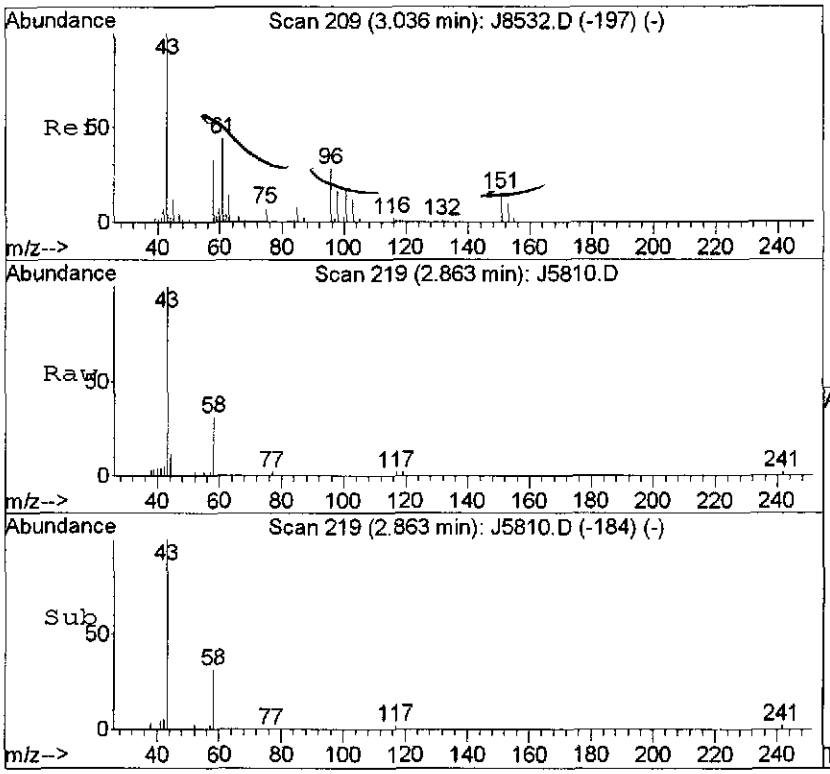
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

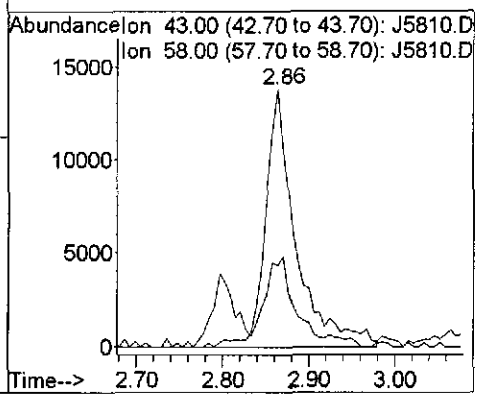


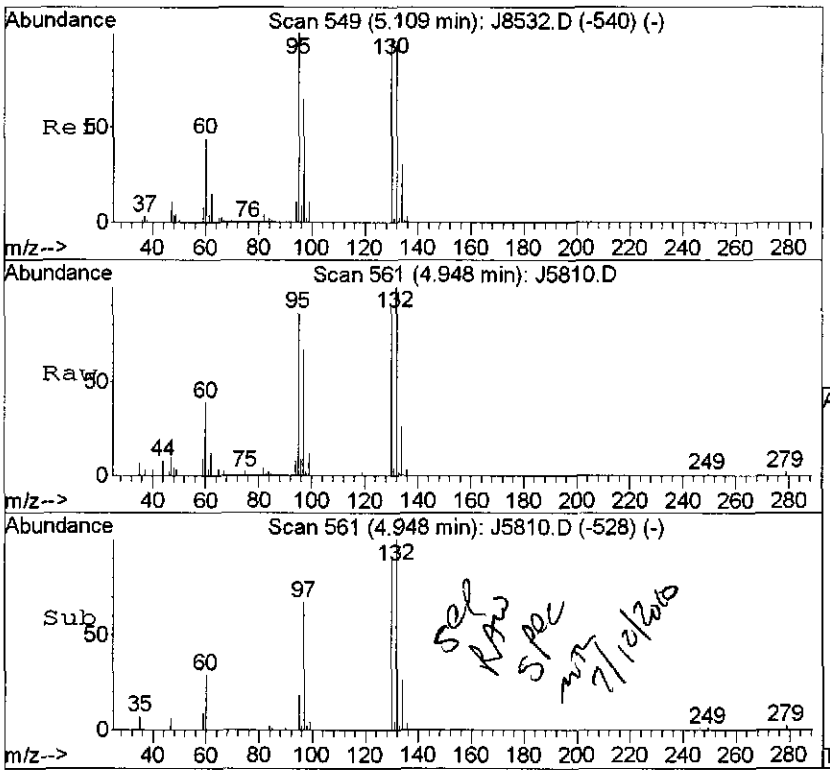


#13
C035 Acetone
Concen: 7.49 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5810.D
Acq: 6 Jul 2010 18:10

Tgt Ion: 43 Resp: 33599

Ion	Ratio	Lower	Upper
43	100		
58	31.4	28.6	43.0

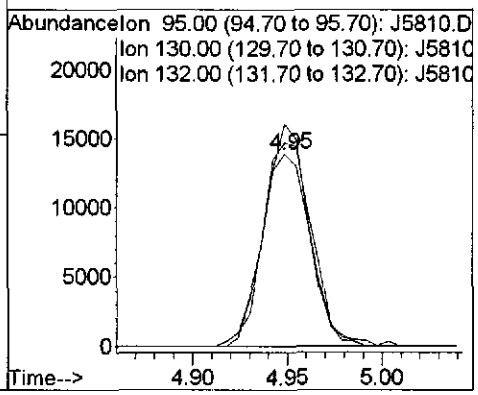




#35
C150 Trichloroethene
Concen: 1.63 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5810.D
Acq: 6 Jul 2010 18:10

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

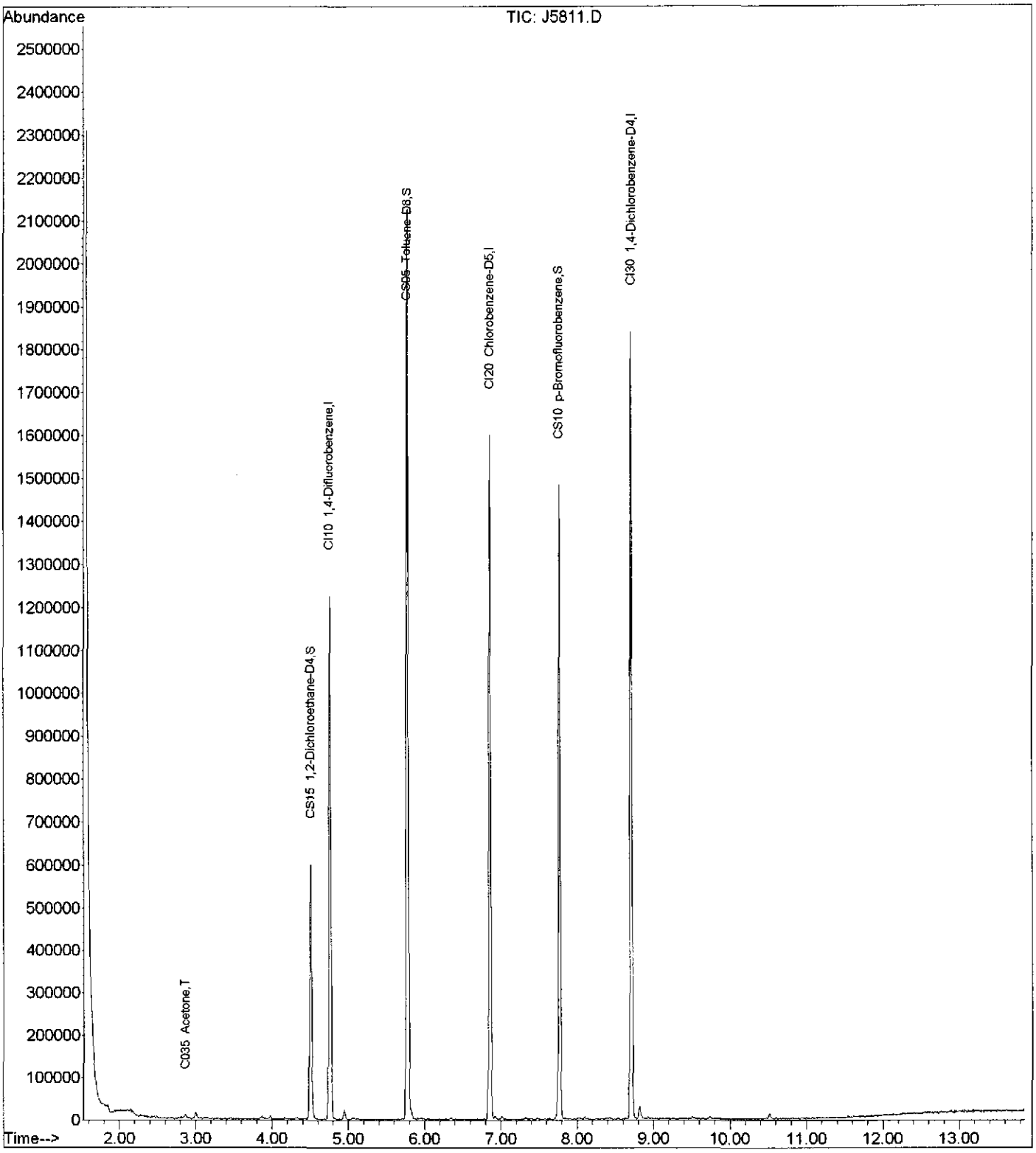
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.58	75	74	N.D.	
44) C230	Toluene	5.82	92	7218	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	5.95	69	73	N.D.	
47) C160	1,1,2-Trichloroeth	6.27	83	83	N.D.	
48) C210	4-Methyl-2-pentano	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.	

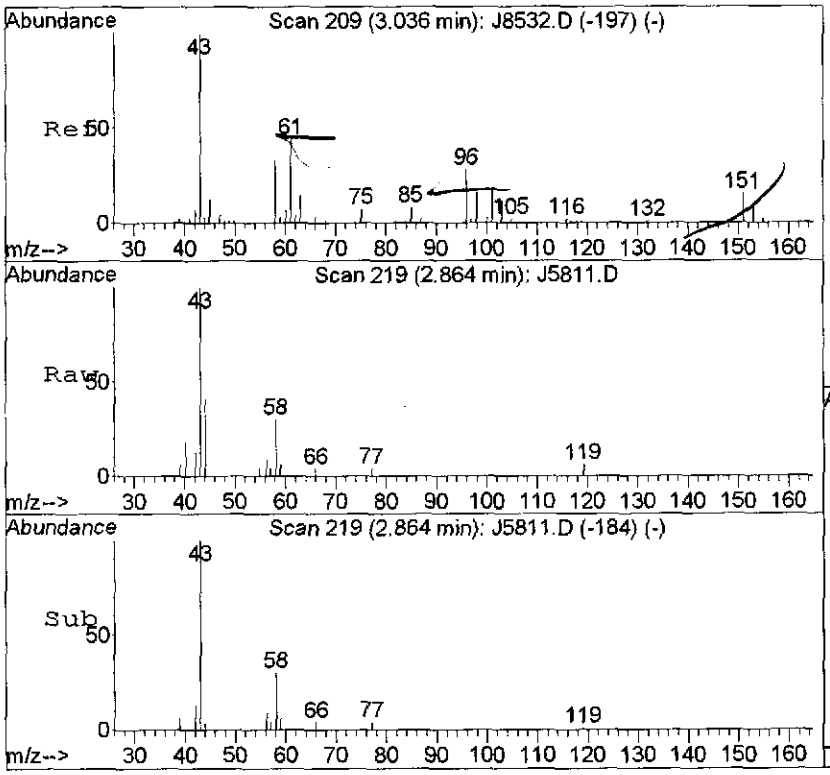
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

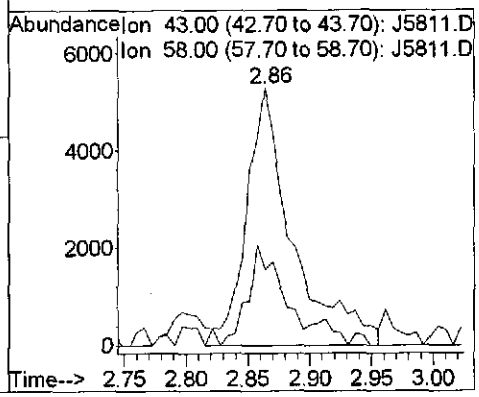




#13
C035 Acetone
Concen: 2.98 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5811.D
Acq: 6 Jul 2010 18:32

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

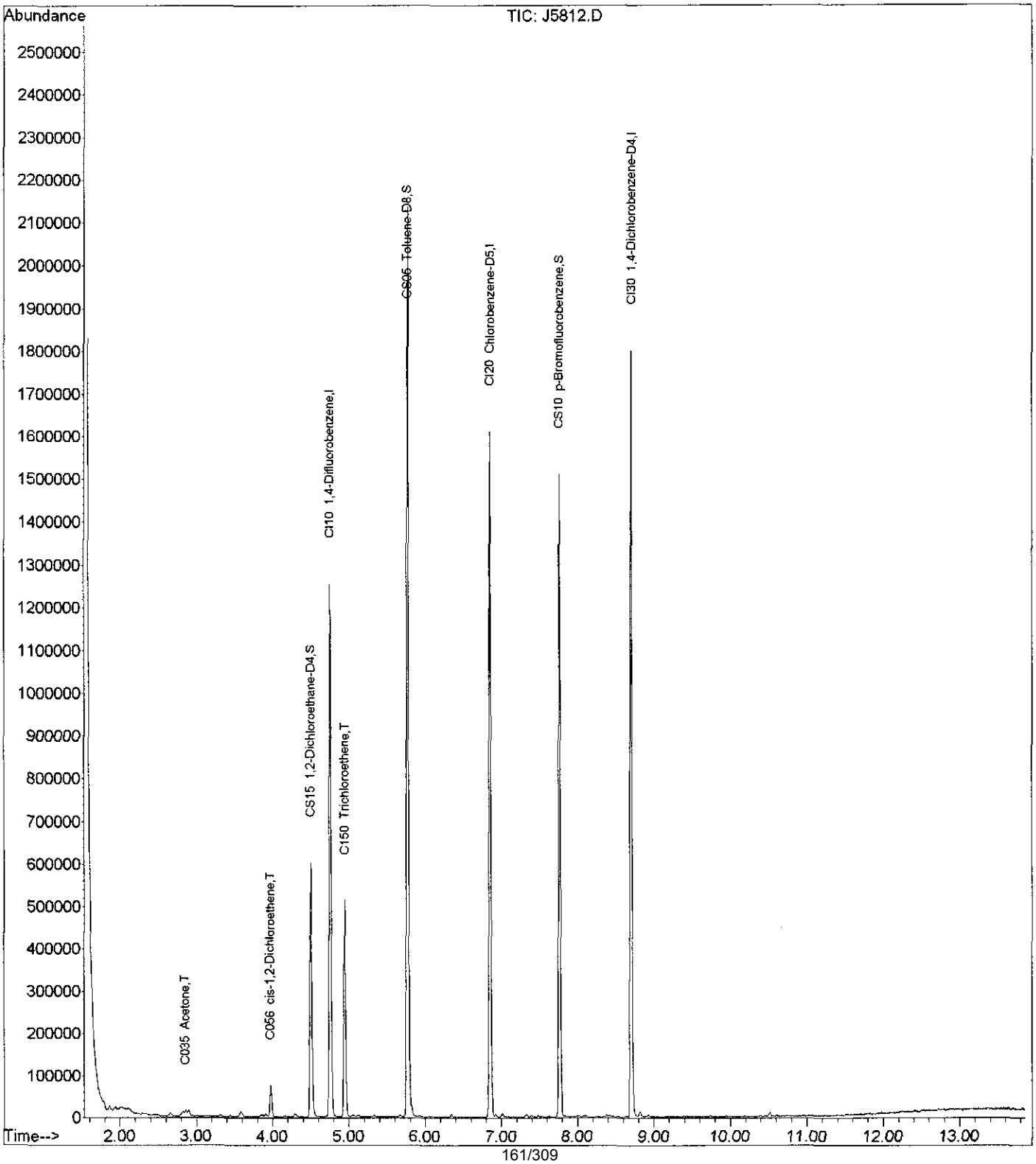
Quant Time: Jul 07 08:37:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration

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.	

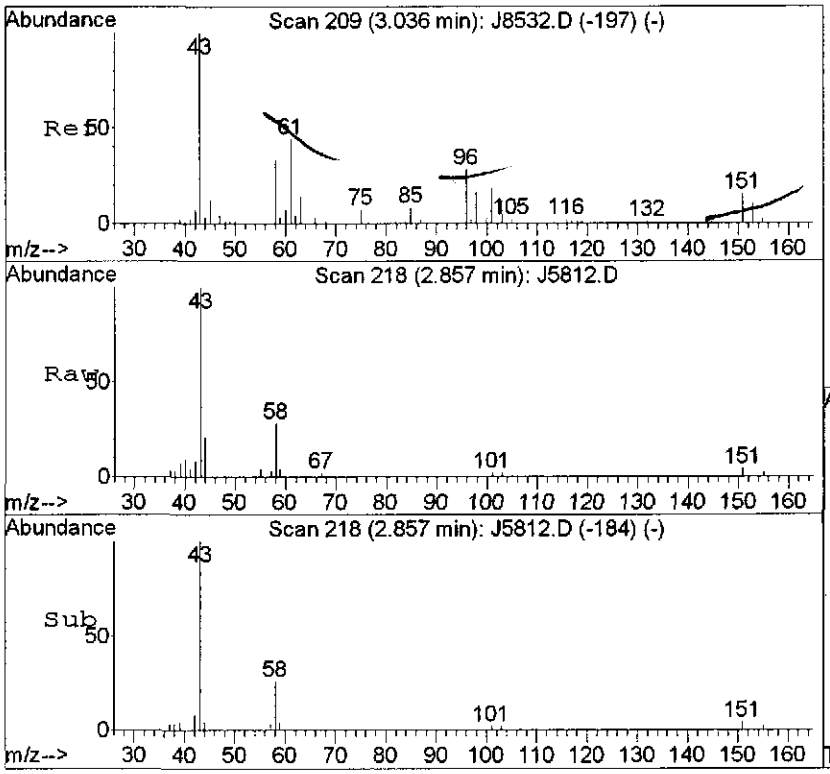
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



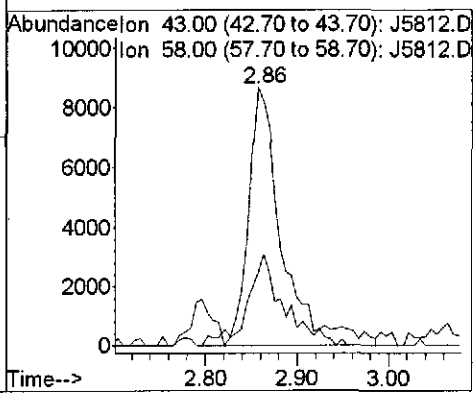
161/309

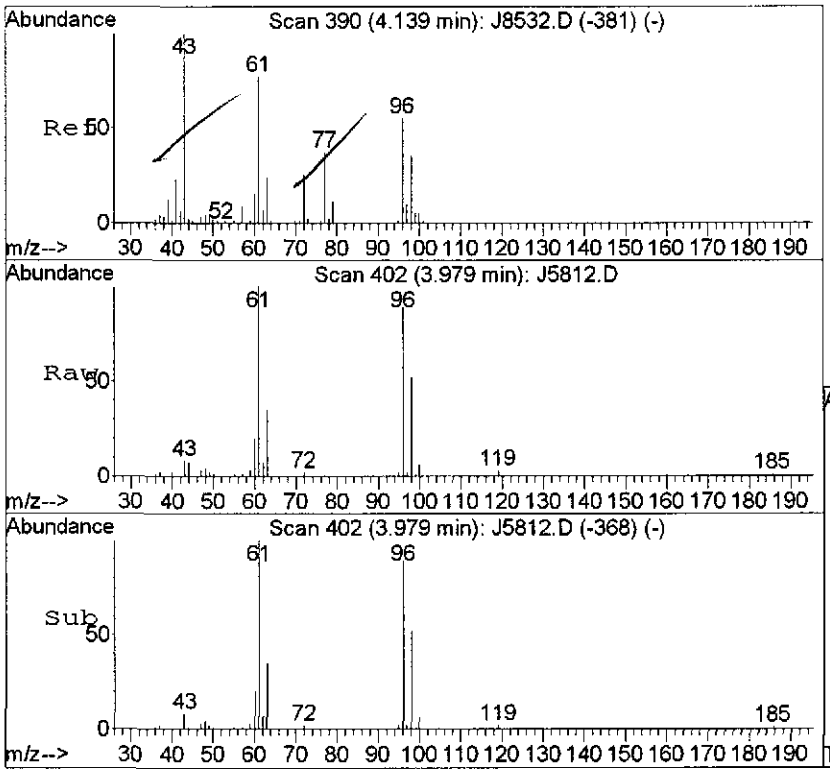


#13
C035 Acetone
Concen: 4.89 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

Tgt Ion: 43 Resp: 22520

Ion	Ratio	Lower	Upper
43	100		
58	28.1	28.6	43.0#

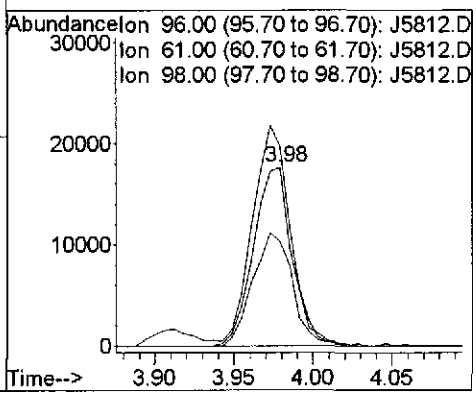


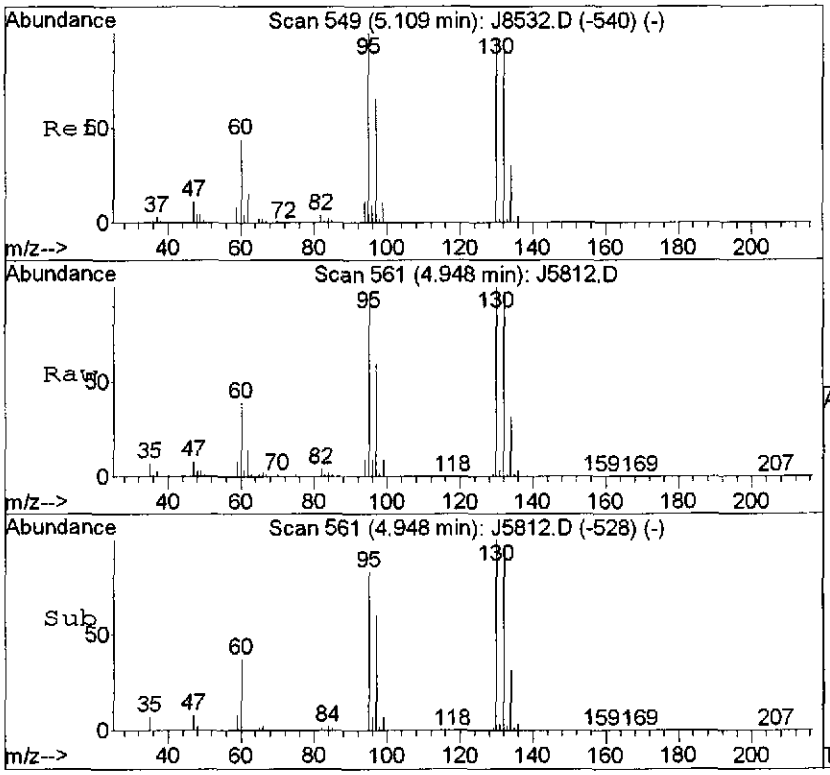


#23
C056 cis-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 3.98 min Scan# 402
Delta R.T. 0.01 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

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

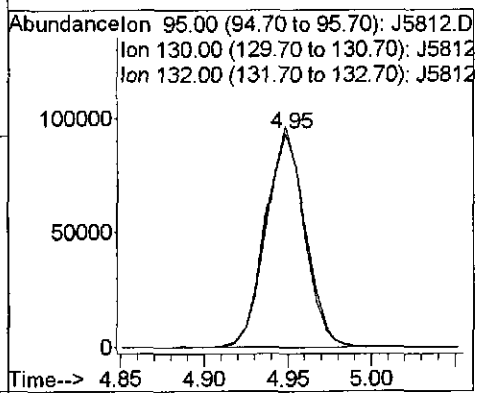




#35
C150 Trichloroethene
Concen: 9.90 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5812.D
Acq: 6 Jul 2010 18:53

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.		

mT 7/8/2010

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.	

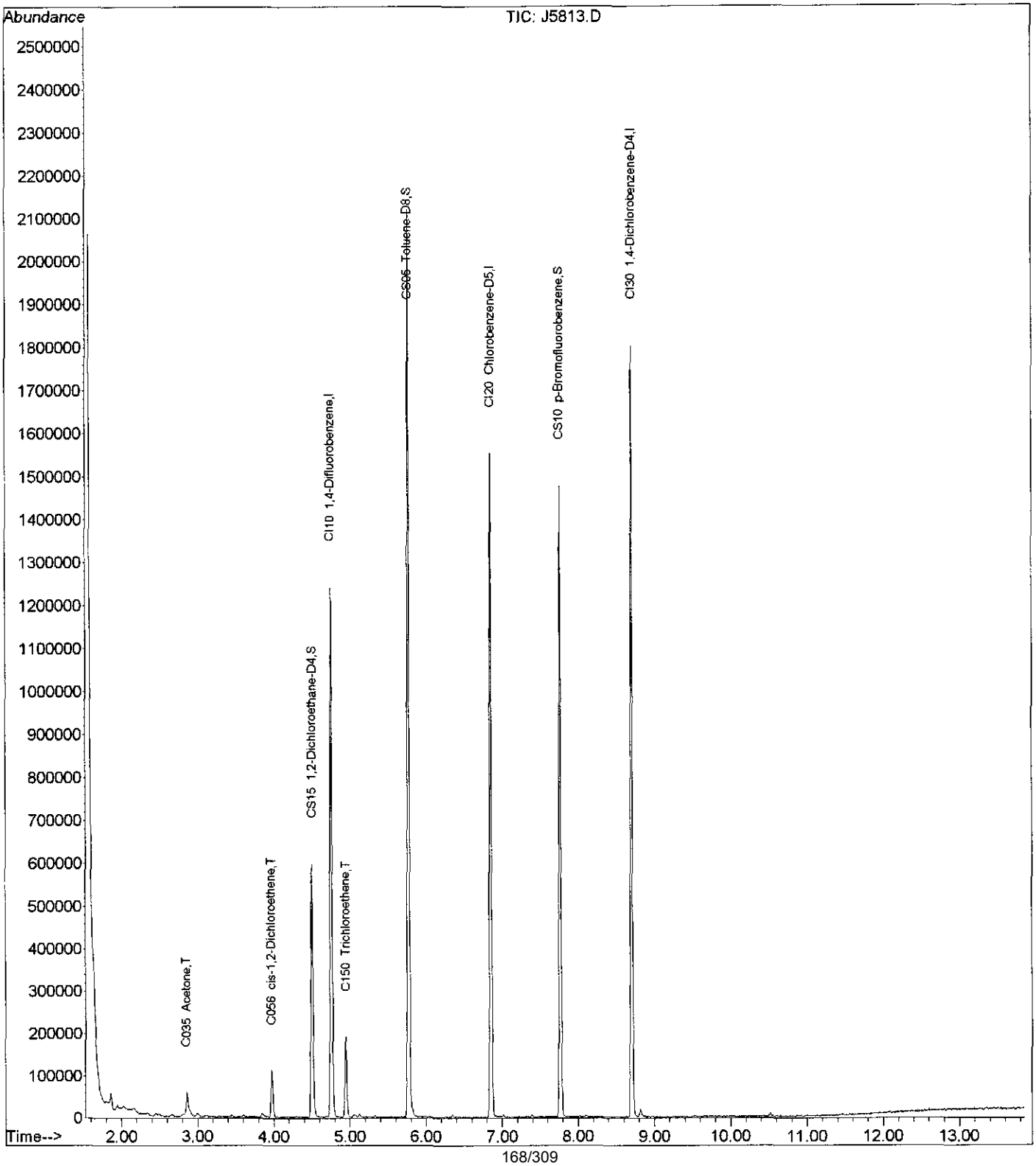
(#) = qualifier out of range (m) = manual integration (+) = signals summed

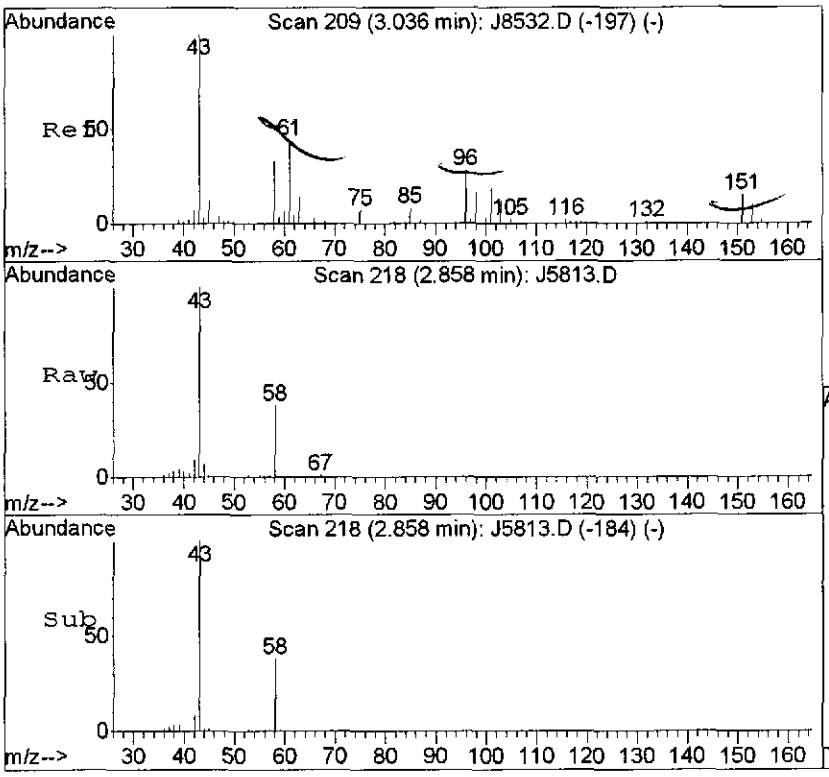
7/12/2010

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

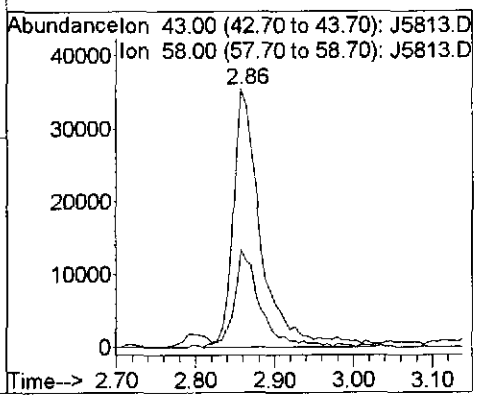


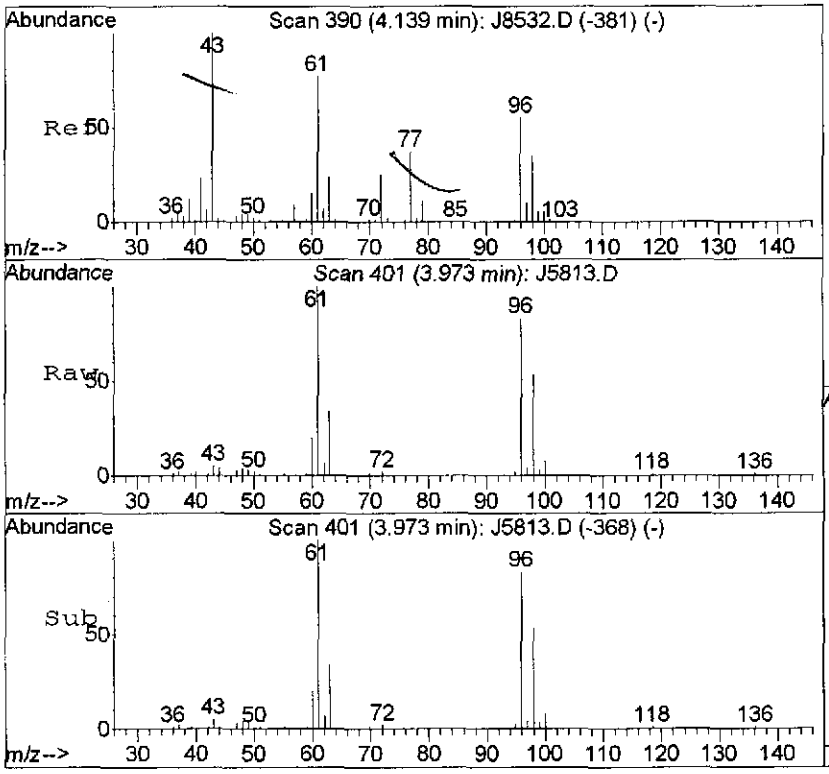


#13
C035 Acetone
Concen: 18.92 ug/L
RT: 2.86 min Scan# 218
Delta R.T. 0.01 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

Tgt Ion: 43 Resp: 87328

Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.6	43.0

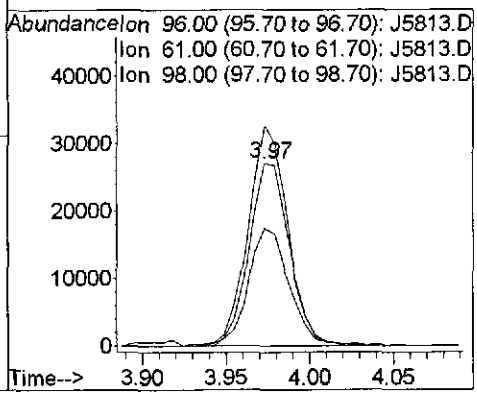


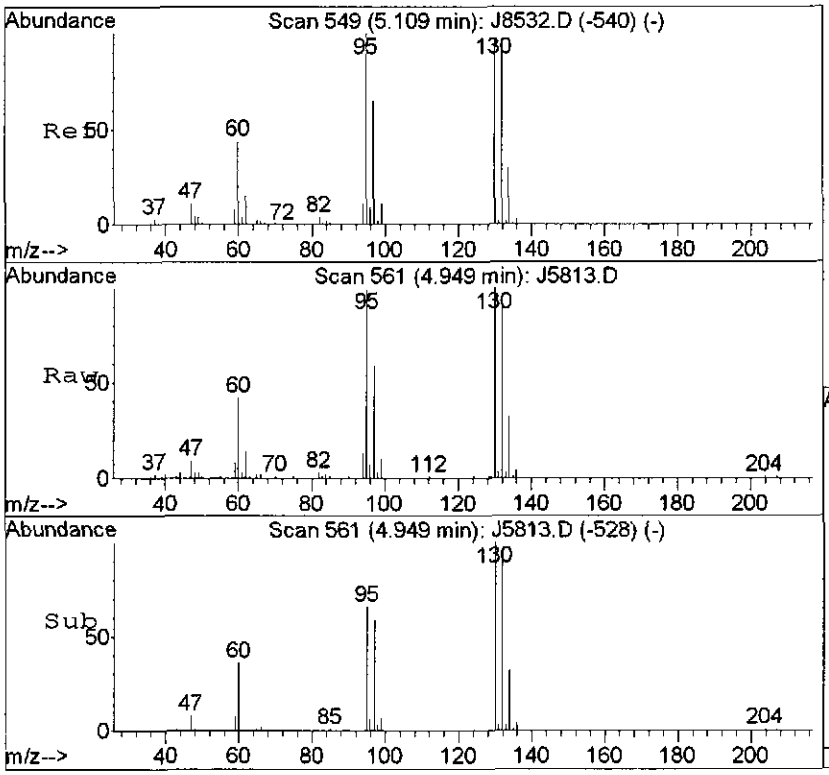


#23
C056 cis-1,2-Dichloroethene
Concen: 2.74 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

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

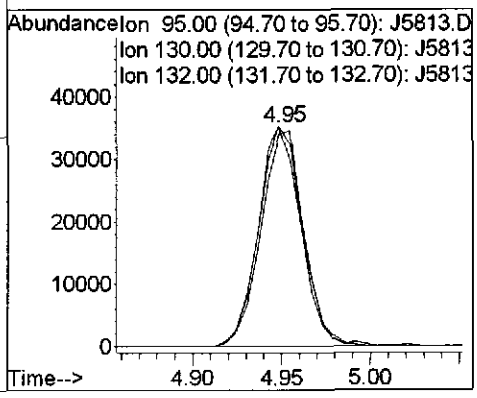




#35
C150 Trichloroethene
Concen: 3.76 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: J5813.D
Acq: 6 Jul 2010 19:15

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.	

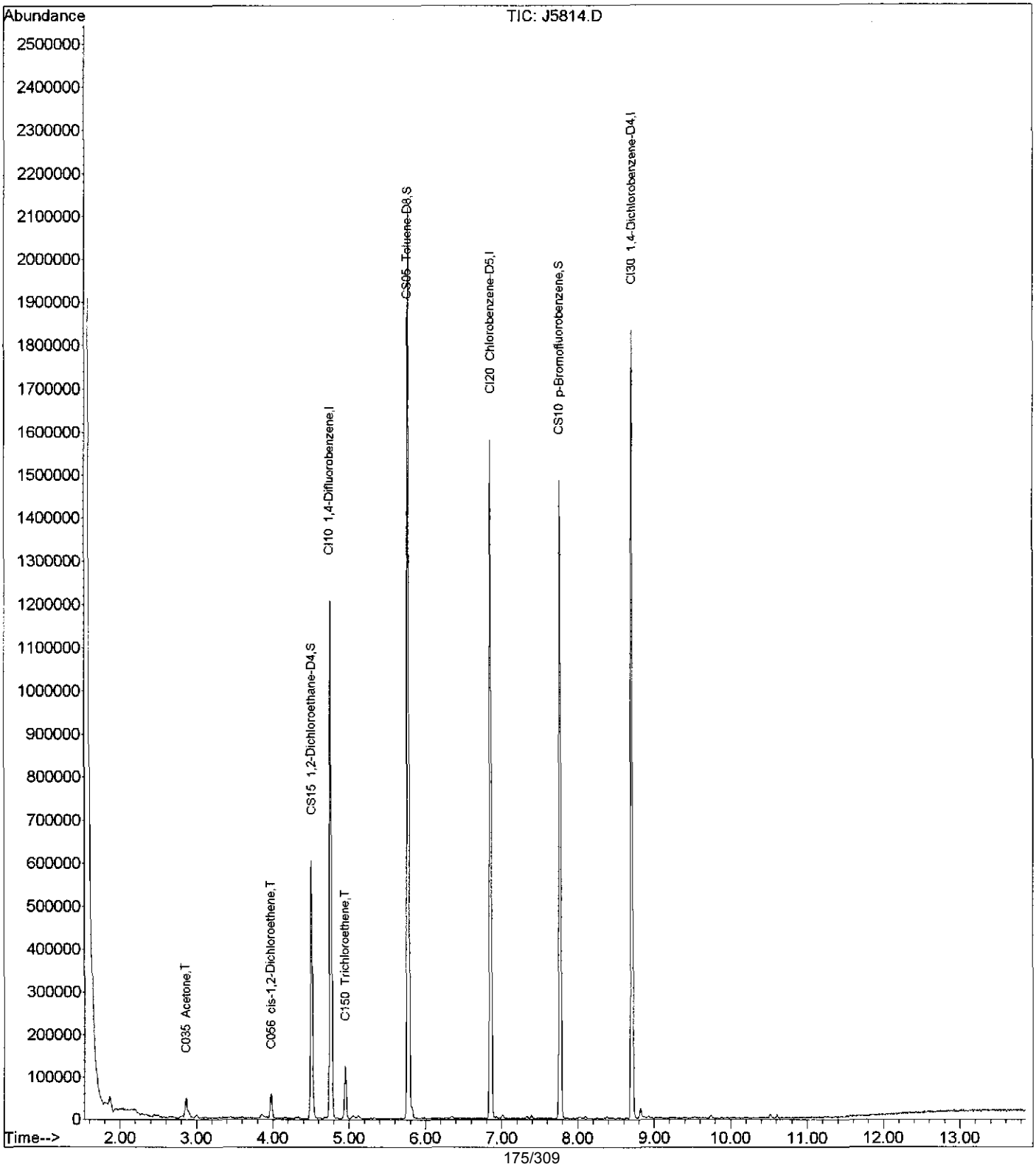
(#) = qualifier out of range (m) = manual integration (+) = signals summed

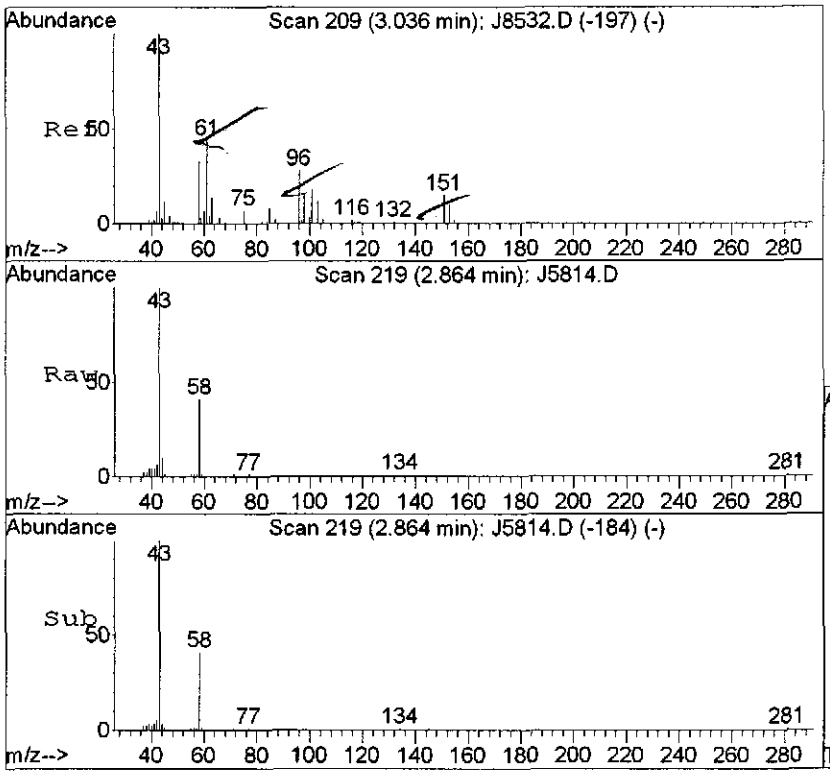
7/12/2010

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

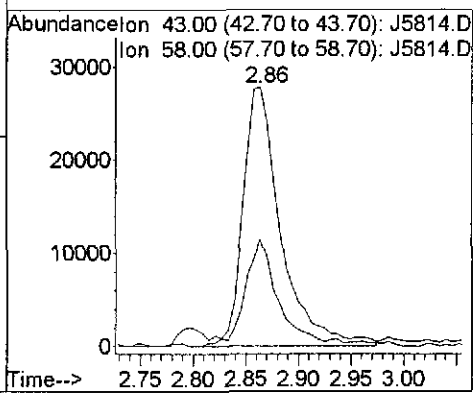


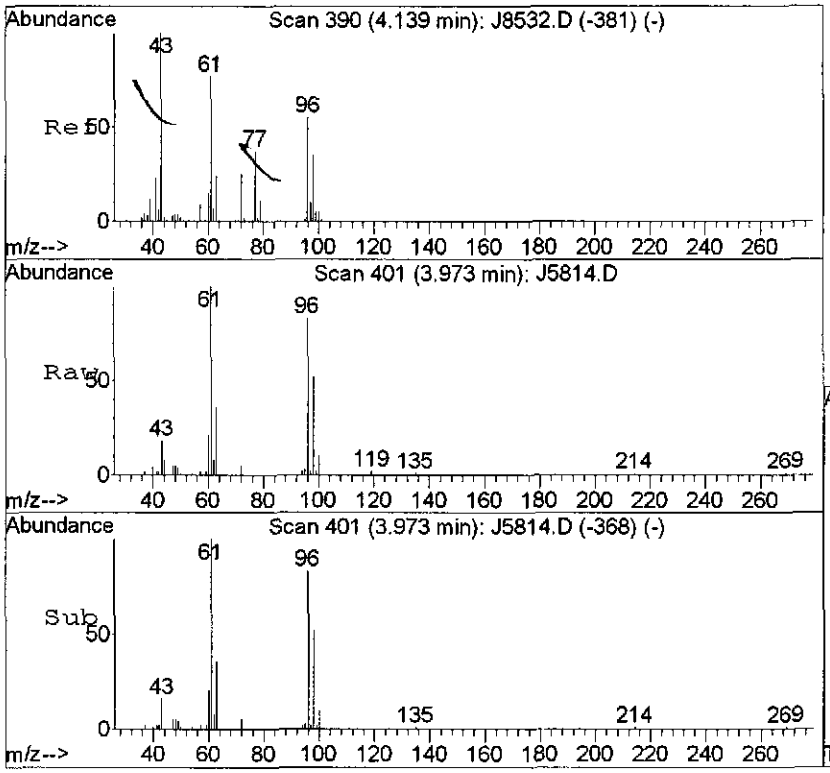


#13
C035 Acetone
Concen: 15.21 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

Tgt Ion: 43 Resp: 69500

Ion	Ratio	Lower	Upper
43	100		
58	41.0	28.6	43.0

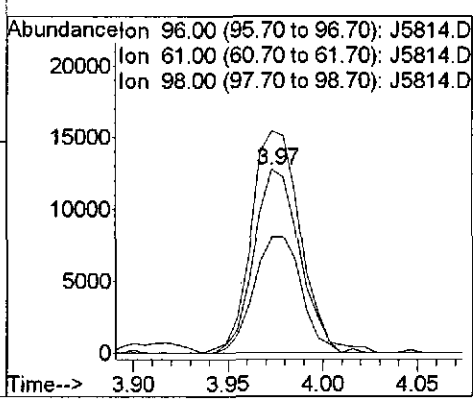


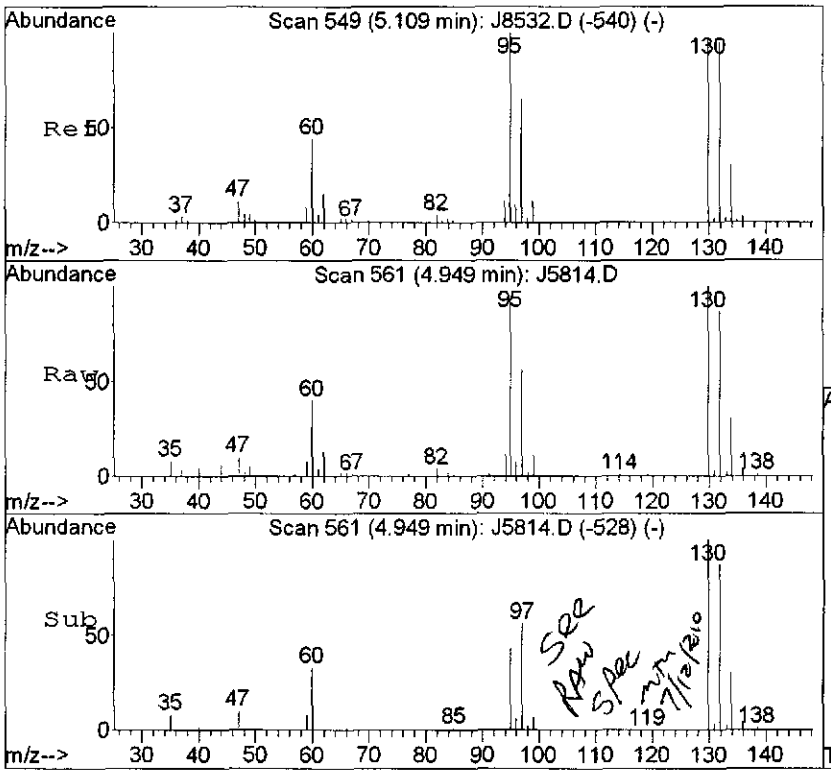


#23
C056 cis-1,2-Dichloroethene
Concen: 1.31 ug/L
RT: 3.97 min Scan# 401
Delta R.T. 0.00 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

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

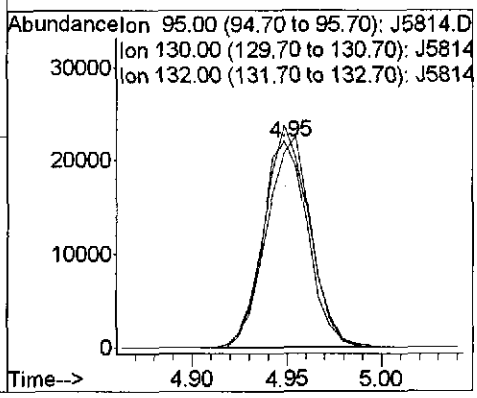




#35
C150 Trichloroethene
Concen: 2.38 ug/L
RT: 4.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: J5814.D
Acq: 6 Jul 2010 19:37

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.	

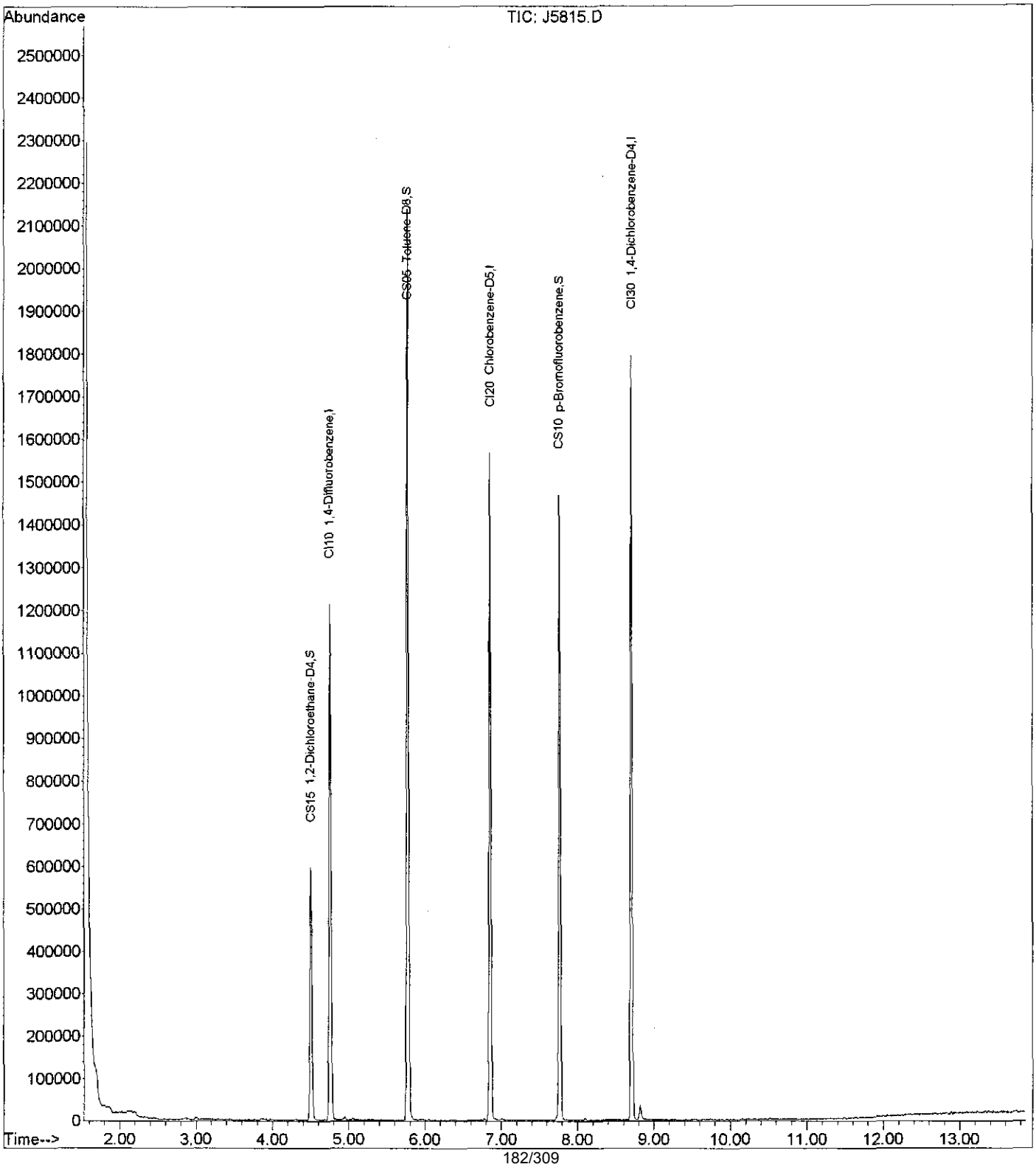
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

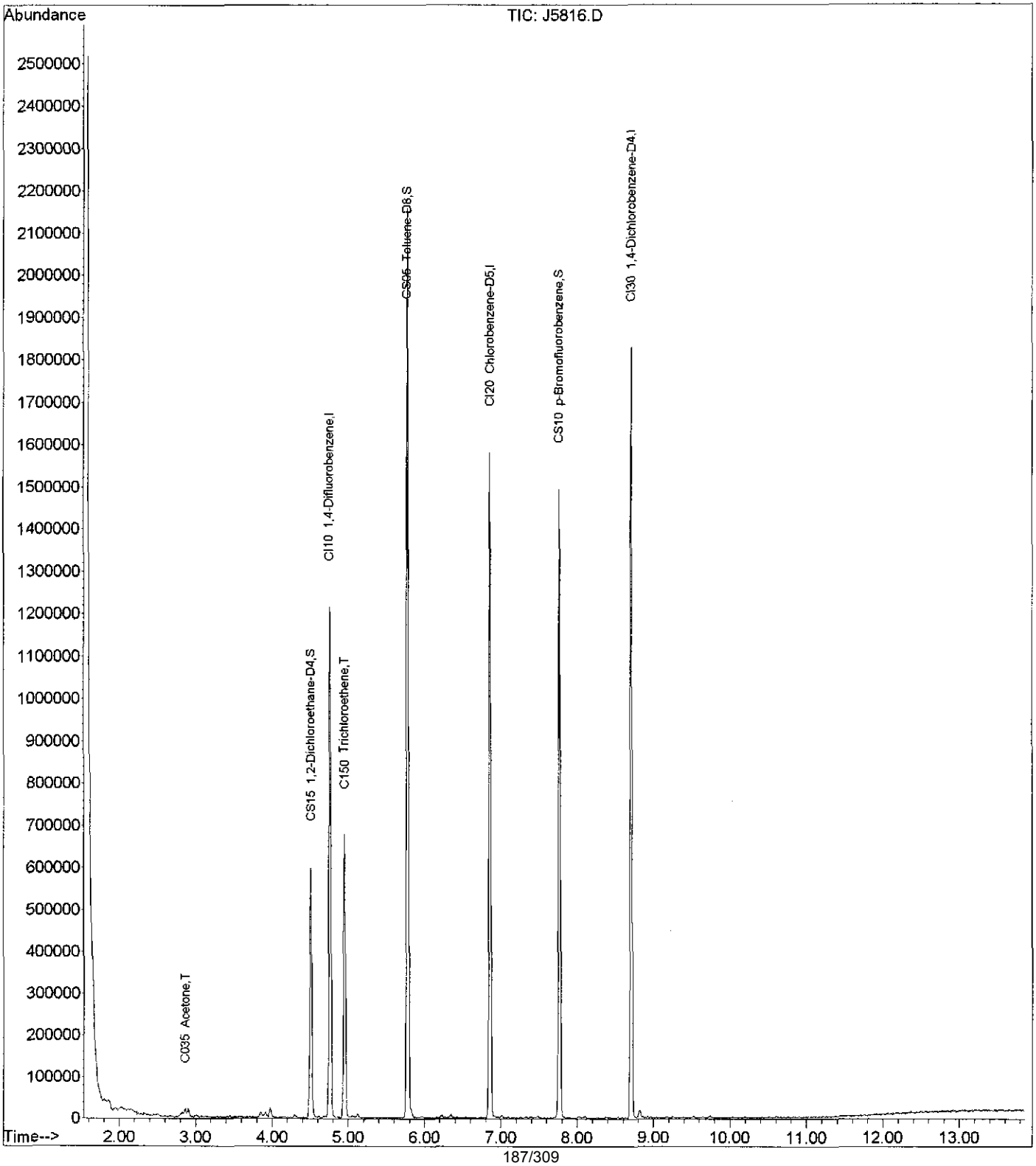
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	5.82	92	6073	N.D.	
45) C170	trans-1,3-Dichloro	6.08	75	75	N.D.	
46) C284	Ethyl Methacrylate	5.87	69	107	N.D.	
47) C160	1,1,2-Trichloroeth	6.19	83	86	N.D.	
48) C210	4-Methyl-2-pentano	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.	

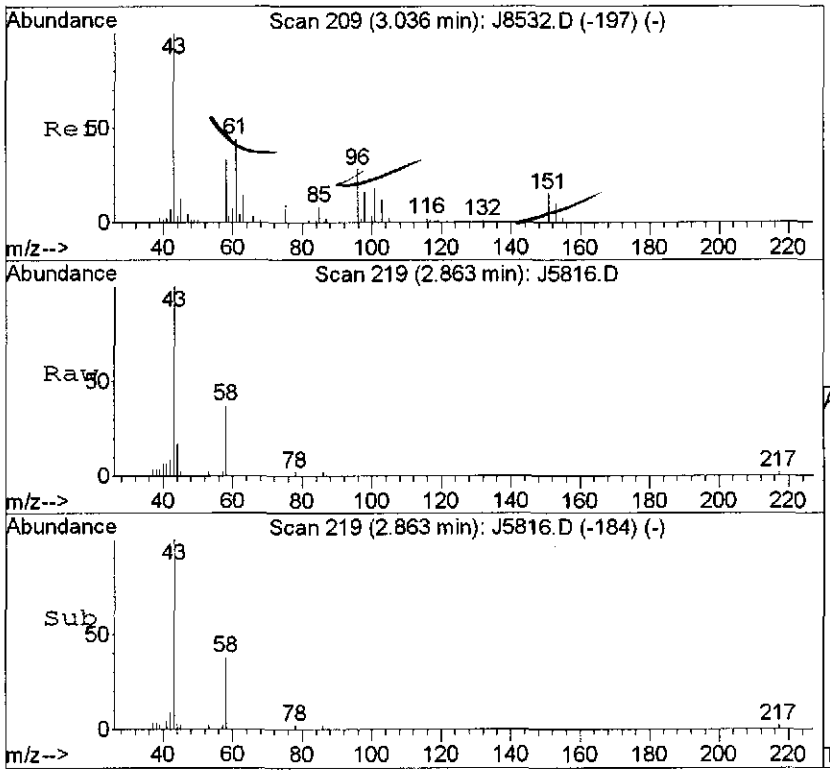
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

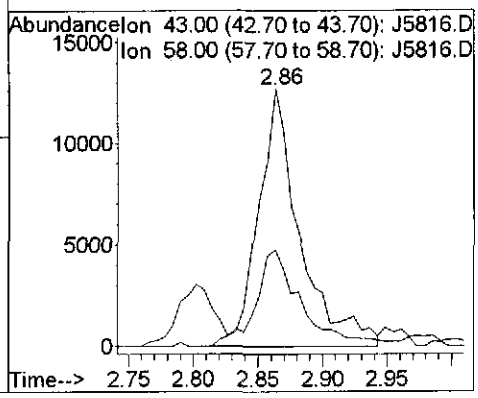


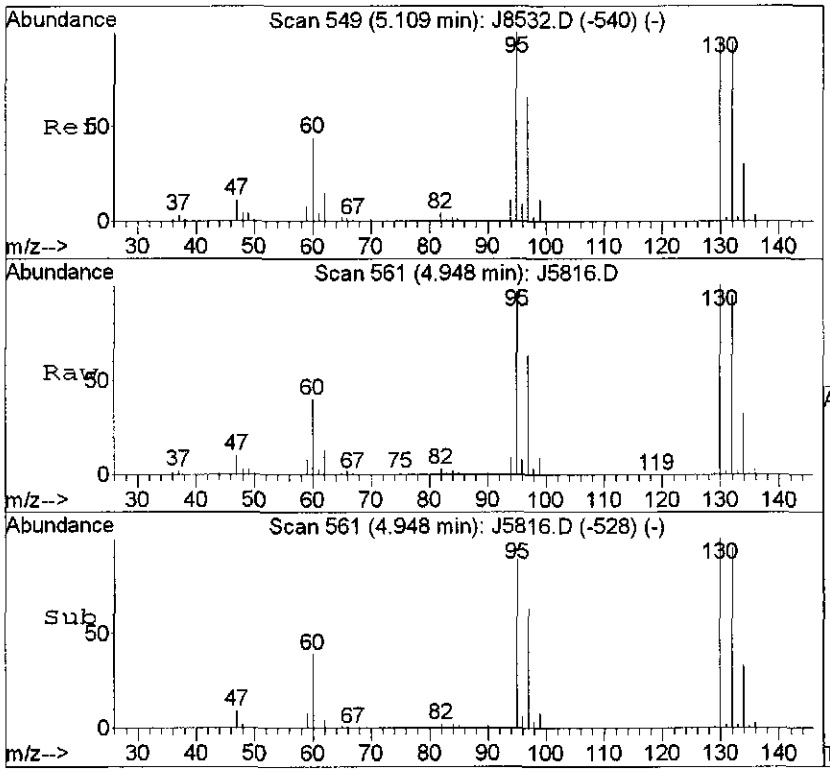


#13
C035 Acetone
Concen: 6.17 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5816.D
Acq: 6 Jul 2010 20:21

Tgt Ion: 43 Resp: 28145

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.6	43.0

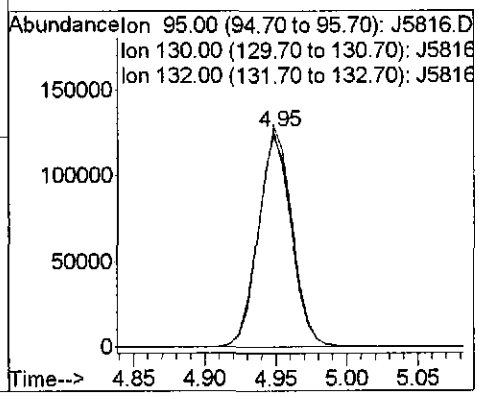




#35
C150 Trichloroethene
Concen: 13.28 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5816.D
Acq: 6 Jul 2010 20:21

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.	

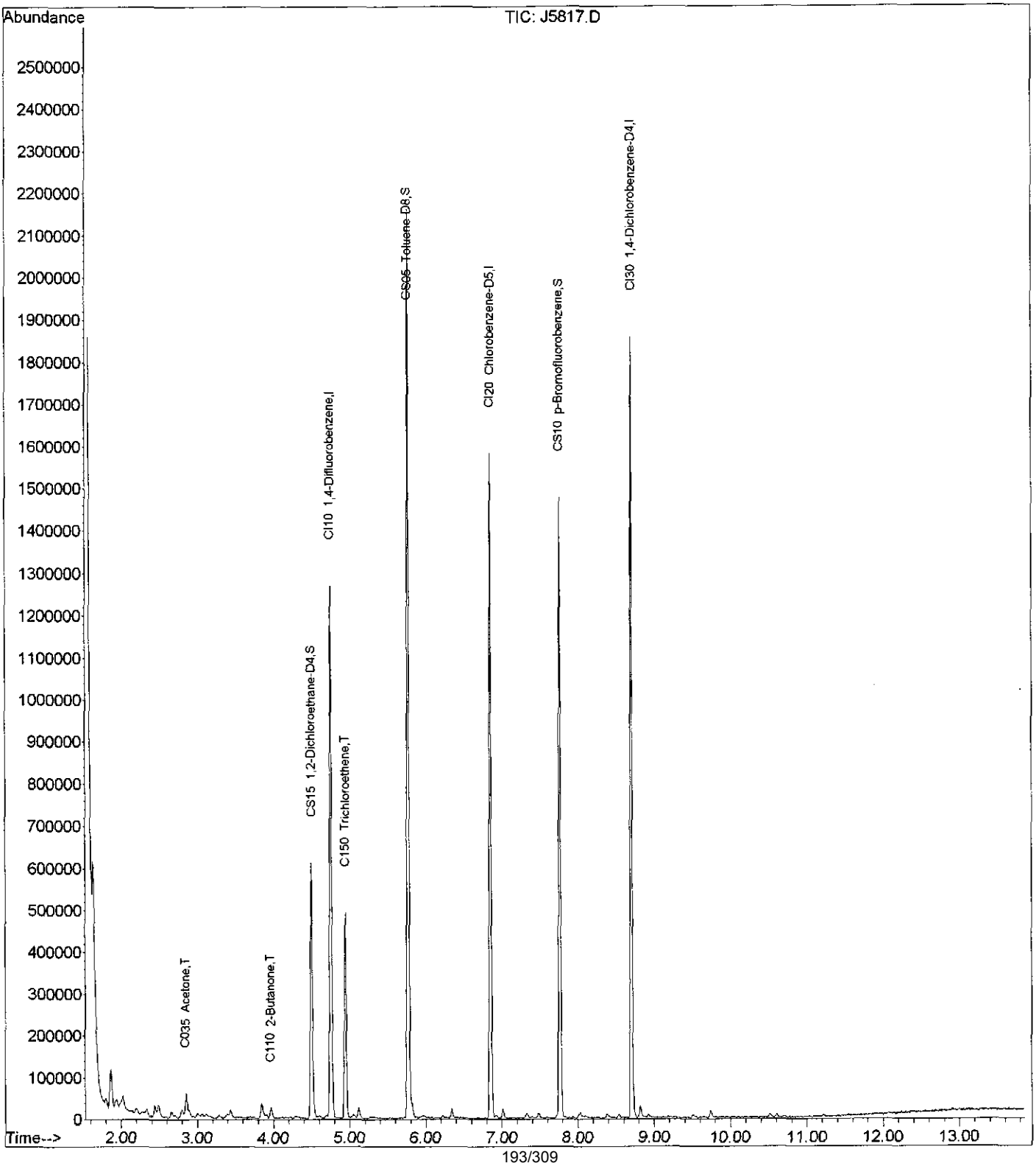
(#) = qualifier out of range (m) = manual integration (+) = signals summed

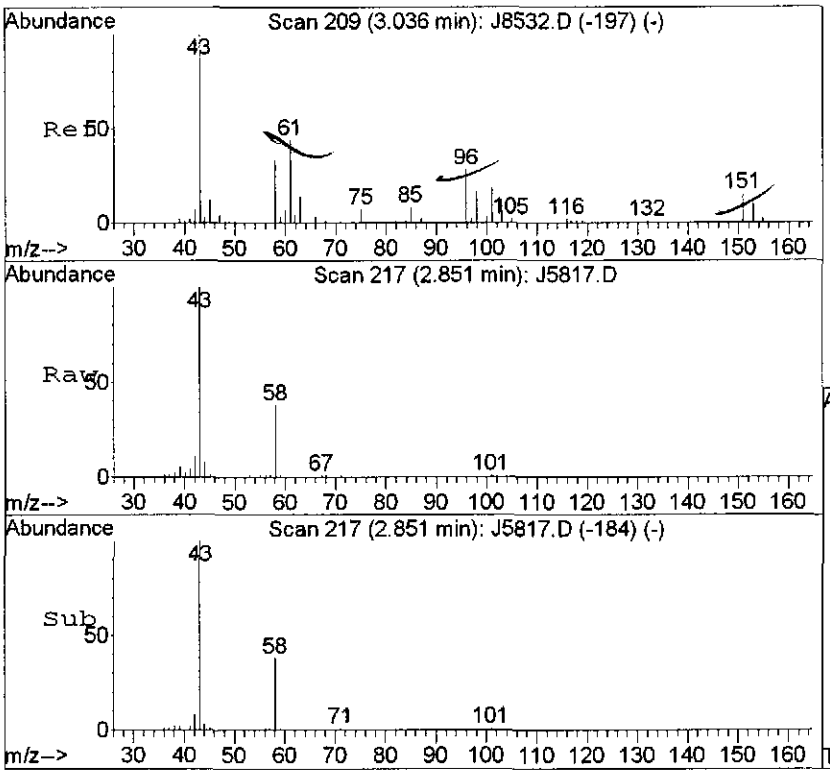
7/12/2010

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

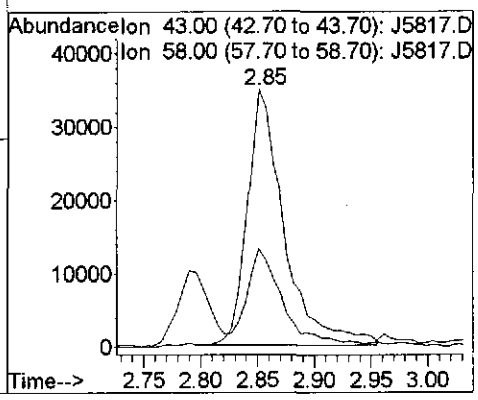


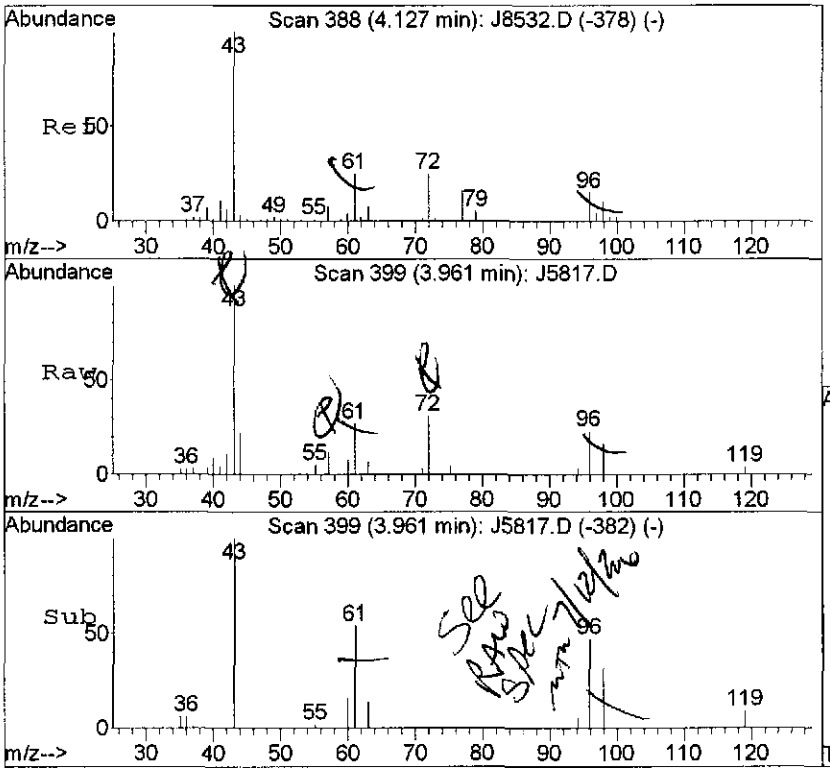


#13
C035 Acetone
Concen: 17.10 ug/L
RT: 2.85 min Scan# 217
Delta R.T. -0.00 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

Tgt Ion: 43 Resp: 78779

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.6	43.0

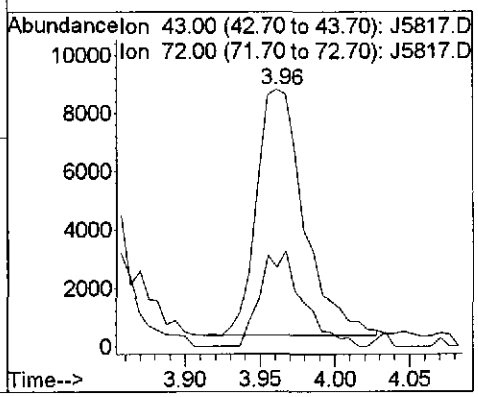


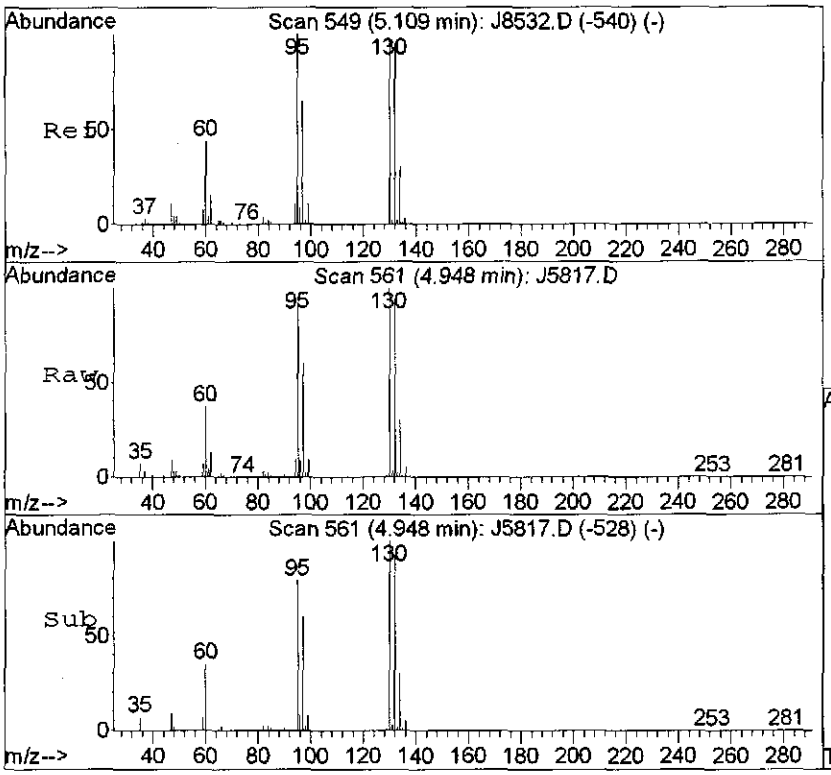


#33
C110 2-Butanone
Concen: 2.55 ug/L
RT: 3.96 min Scan# 399
Delta R.T. 0.01 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

Tgt Ion: 43 Resp: 18723

Ion	Ratio	Lower	Upper
43	100		
72	30.9	26.2	39.2

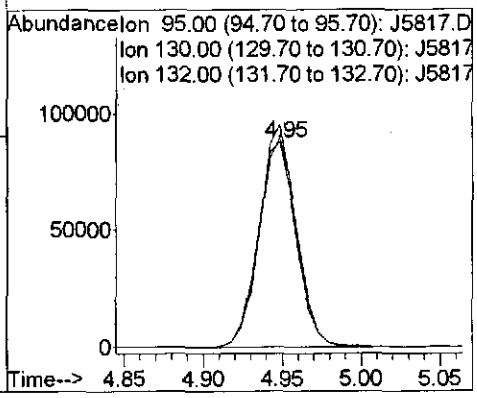




#35
C150 Trichloroethene
Concen: 9.46 ug/L
RT: 4.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: J5817.D
Acq: 6 Jul 2010 20:43

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.	

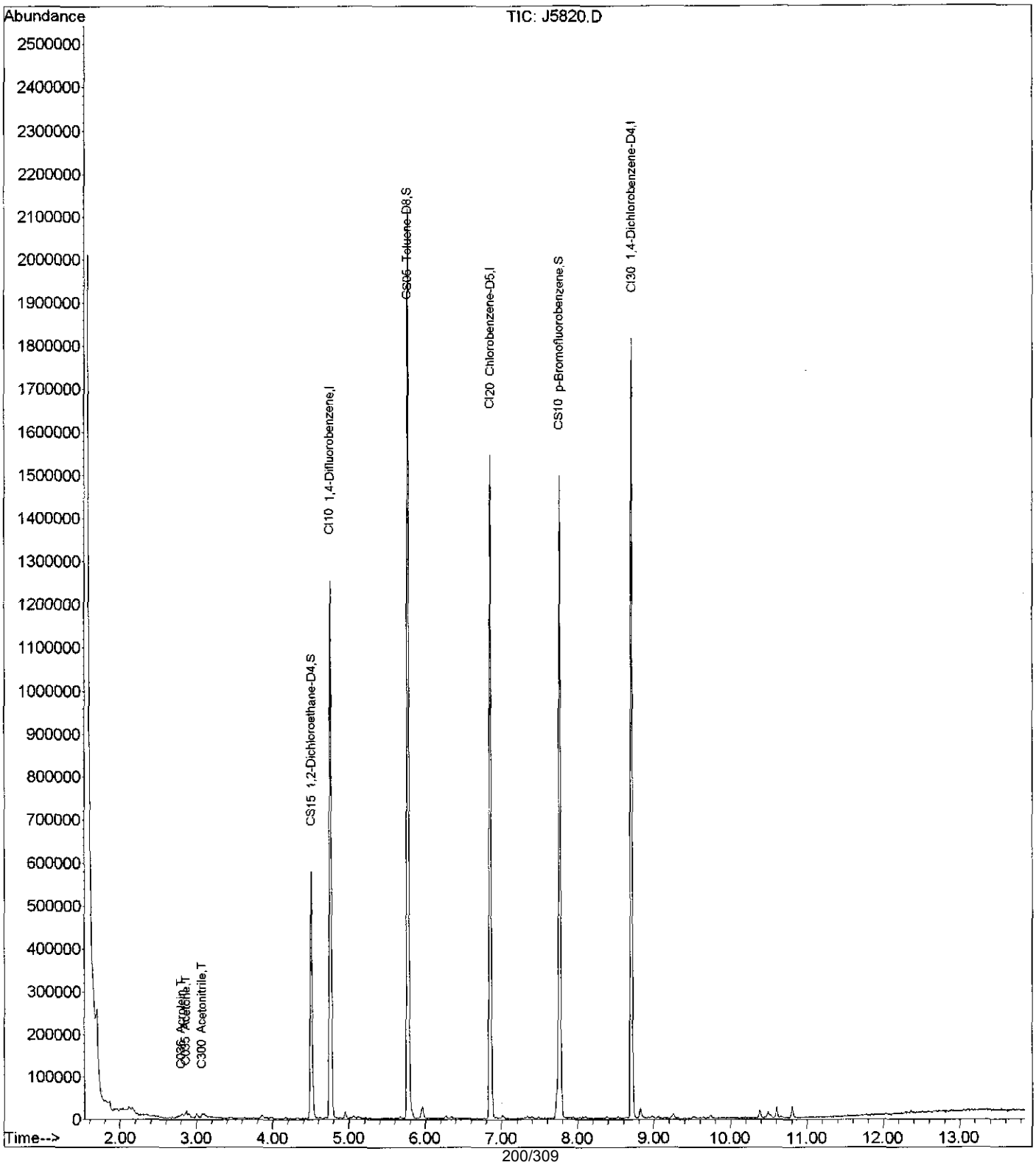
(#) = qualifier out of range (m) = manual integration (+) = signals summed

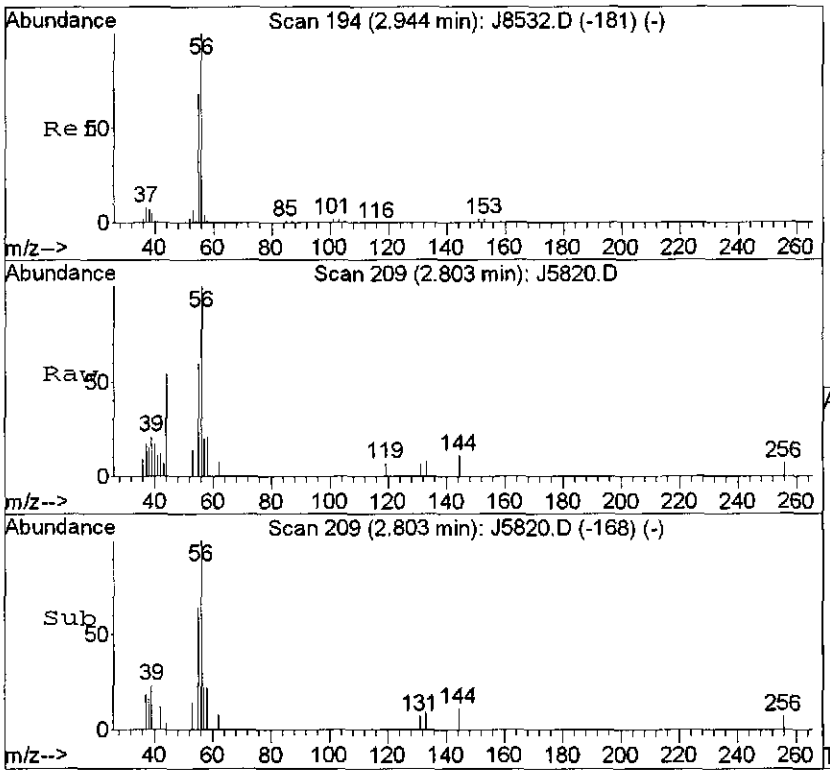
7/12/2010

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

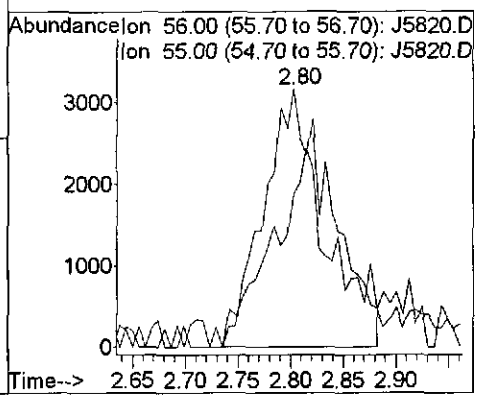


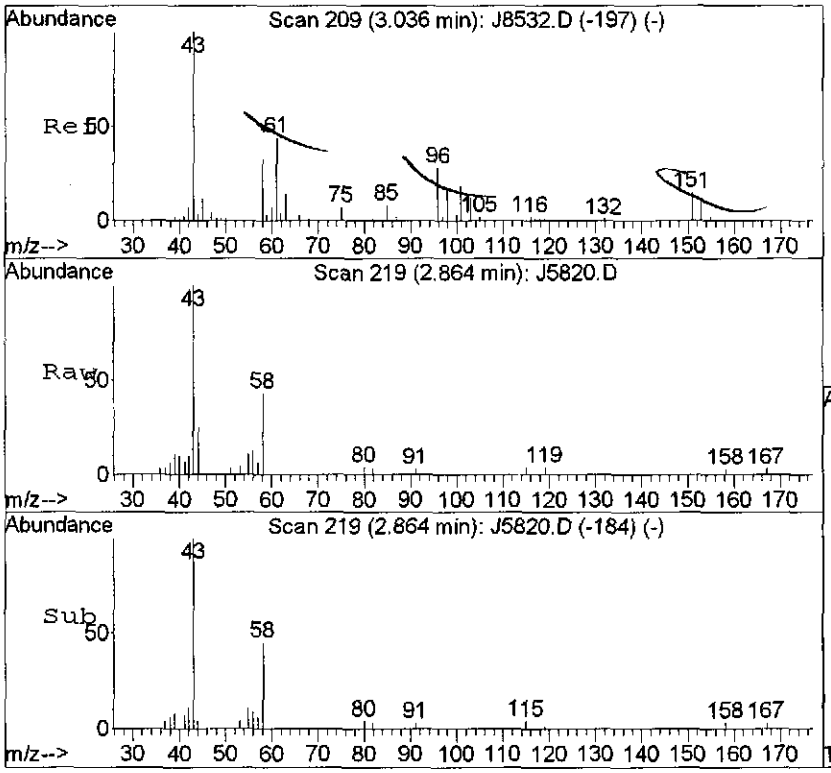


#11
C036 Acrolein
Concen: 13.32 ug/L
RT: 2.80 min Scan# 209
Delta R.T. 0.05 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

Tgt Ion: 56 Resp: 13909

Ion	Ratio	Lower	Upper
56	100		
55	72.5	58.7	88.1

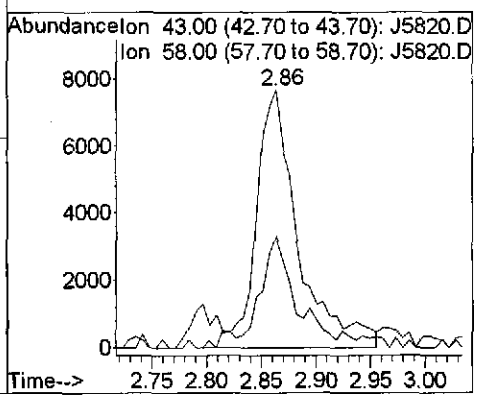


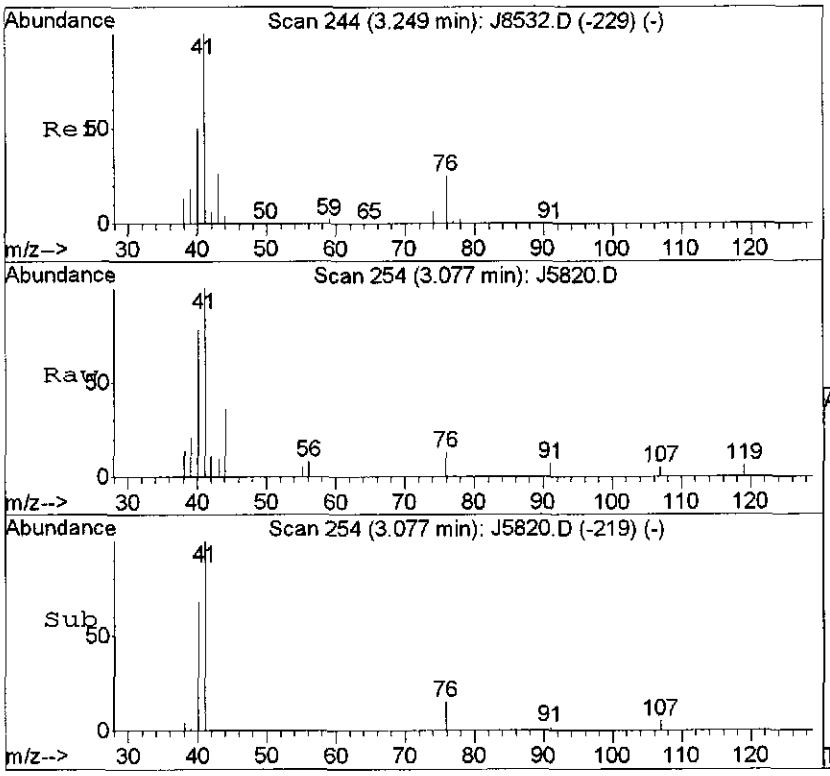


#13
C035 Acetone
Concen: 4.42 ug/L
RT: 2.86 min Scan# 219
Delta R.T. 0.01 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

Tgt Ion: 43 Resp: 20360

Ion	Ratio	Lower	Upper
43	100		
58	42.8	28.6	43.0

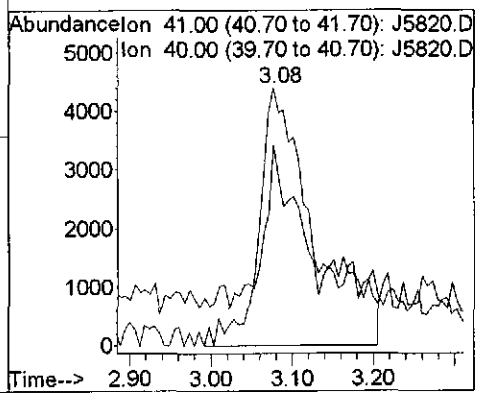




#14
C300 Acetonitrile
Concen: 11.06 ug/L
RT: 3.08 min Scan# 254
Delta R.T. 0.01 min
Lab File: J5820.D
Acq: 6 Jul 2010 21:49

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

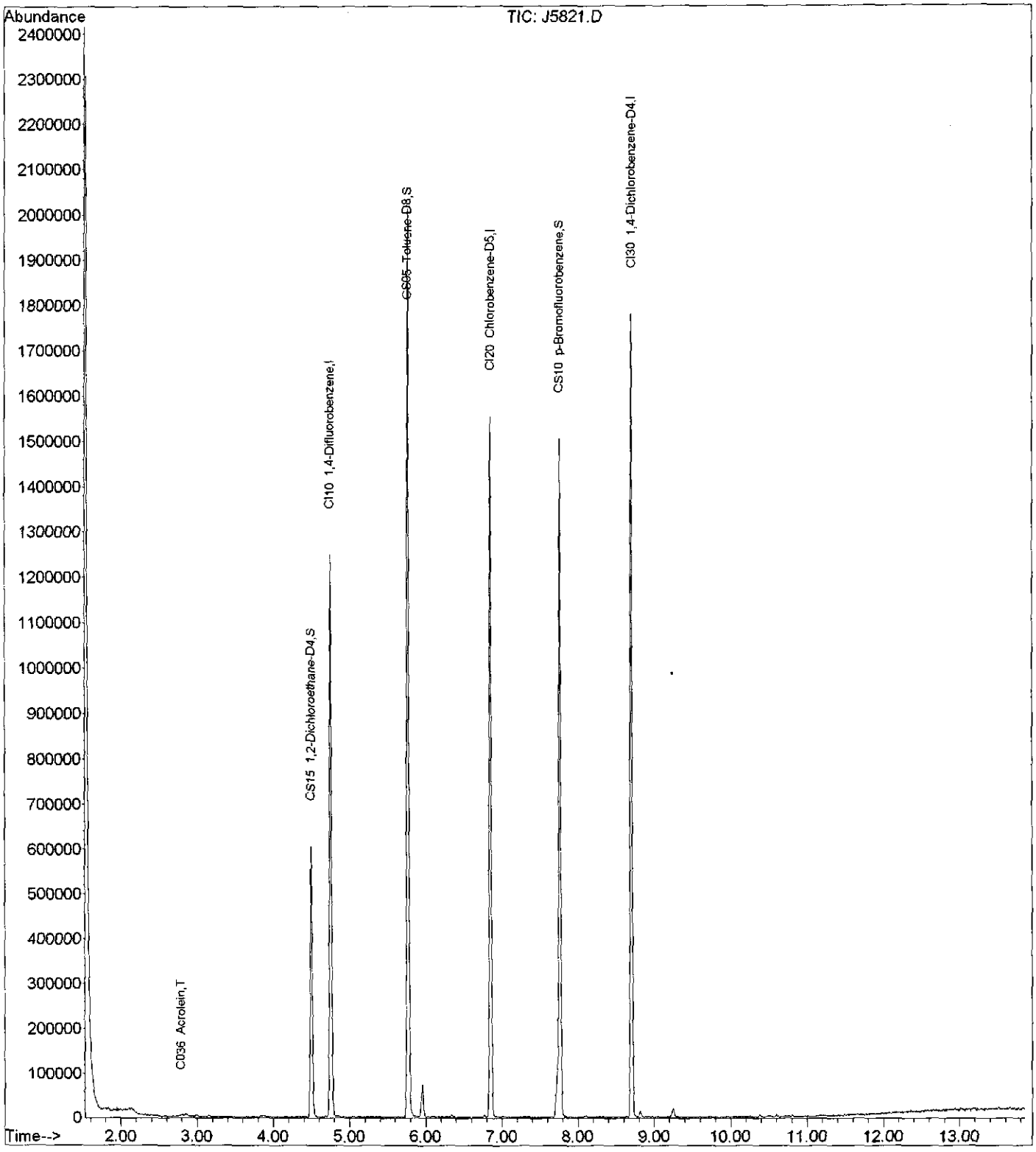
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloropr	5.58	75	82	N.D.	
44) C230	Toluene	5.82	92	1727	N.D.	
45) C170	trans-1,3-Dichloro	5.95	75	1138	N.D.	
46) C284	Ethyl Methacrylate	5.98	69	84	N.D.	
47) C160	1,1,2-Trichloroeth	6.09	83	91	N.D.	
48) C210	4-Methyl-2-pentano	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

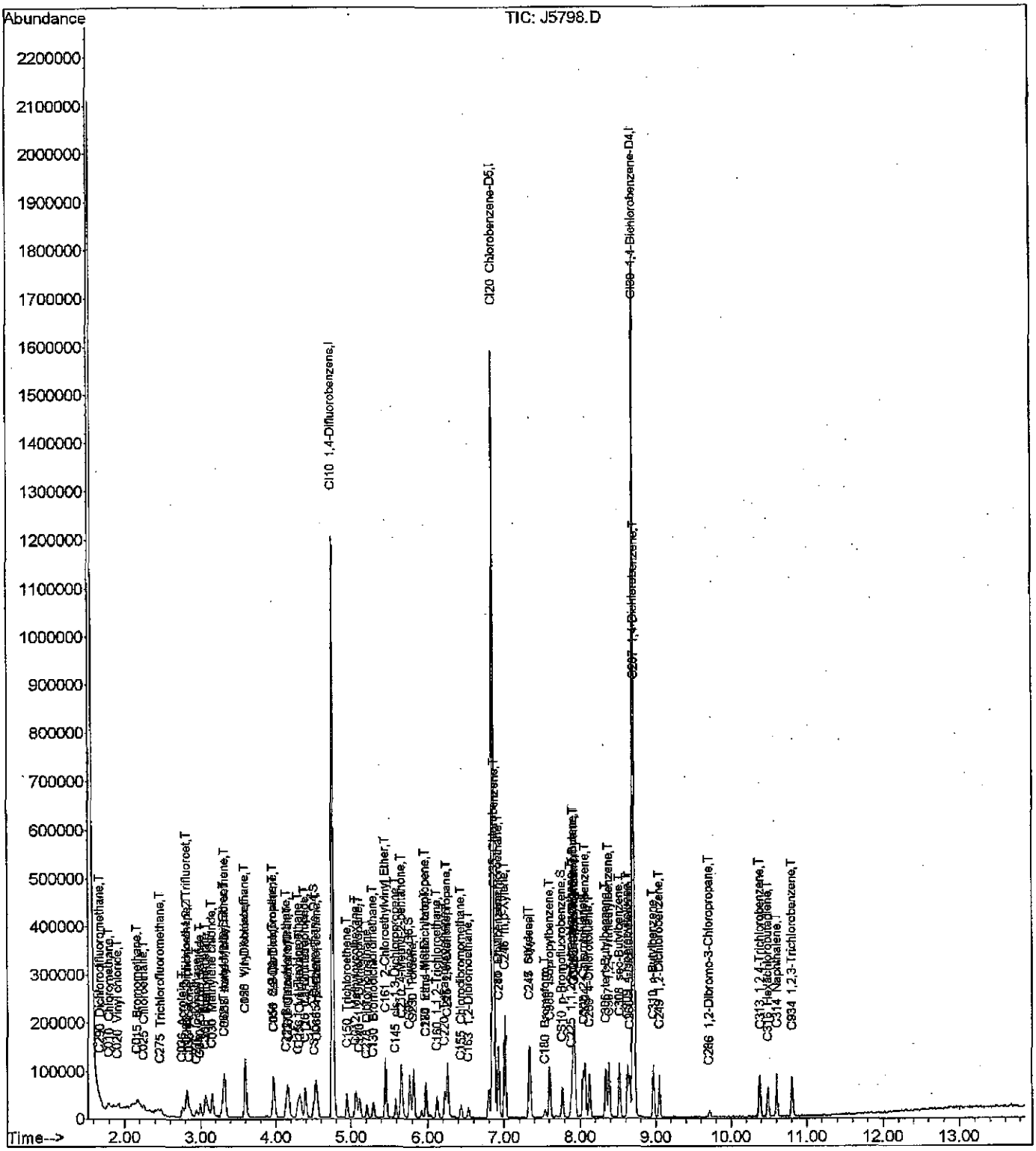
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	22648	0.92	ug/L		92
44)	C230	Toluene	5.82	92	41536	1.00	ug/L		97
45)	C170	trans-1,3-Dichloropr	5.98	75	20277	0.88	ug/L		85
46)	C284	Ethyl Methacrylate	5.98	69	18478	0.84	ug/L	#	84
47)	C160	1,1,2-Trichloroethan	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

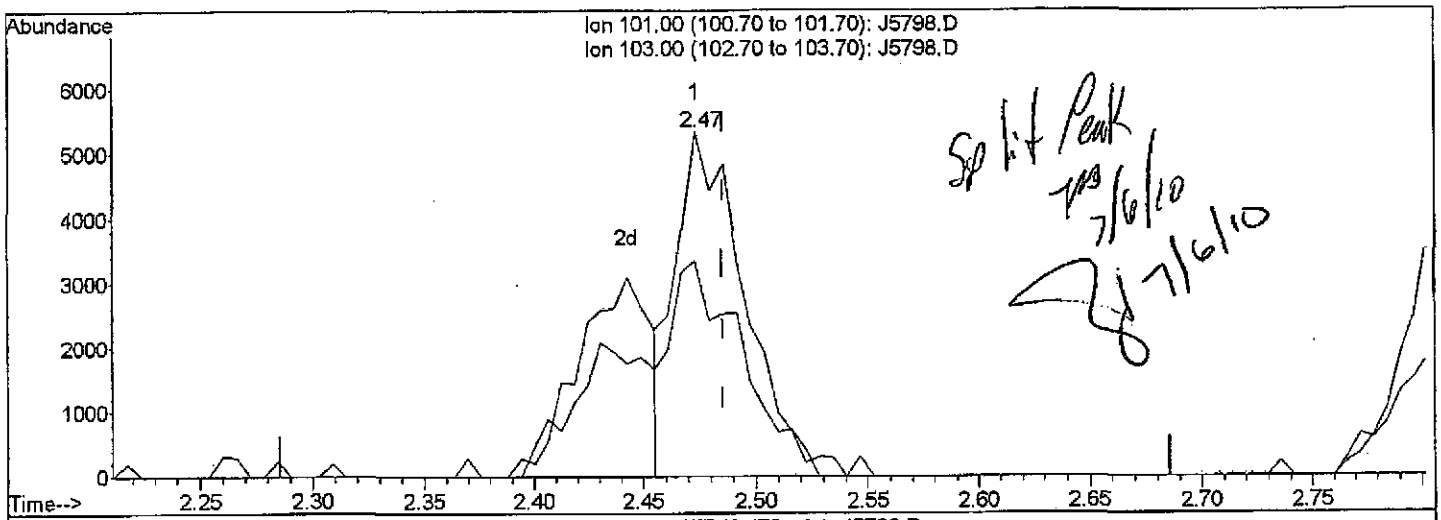
Quant Time: Jul 06 14:08:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

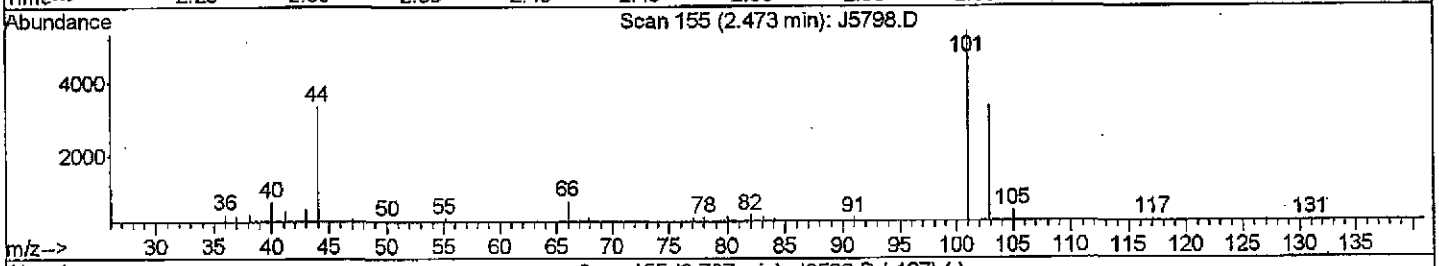


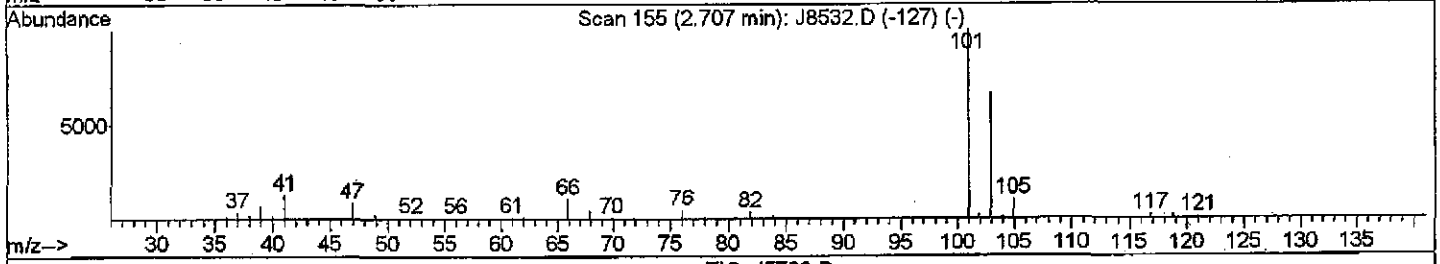
Quantitation Report (Qedit)

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

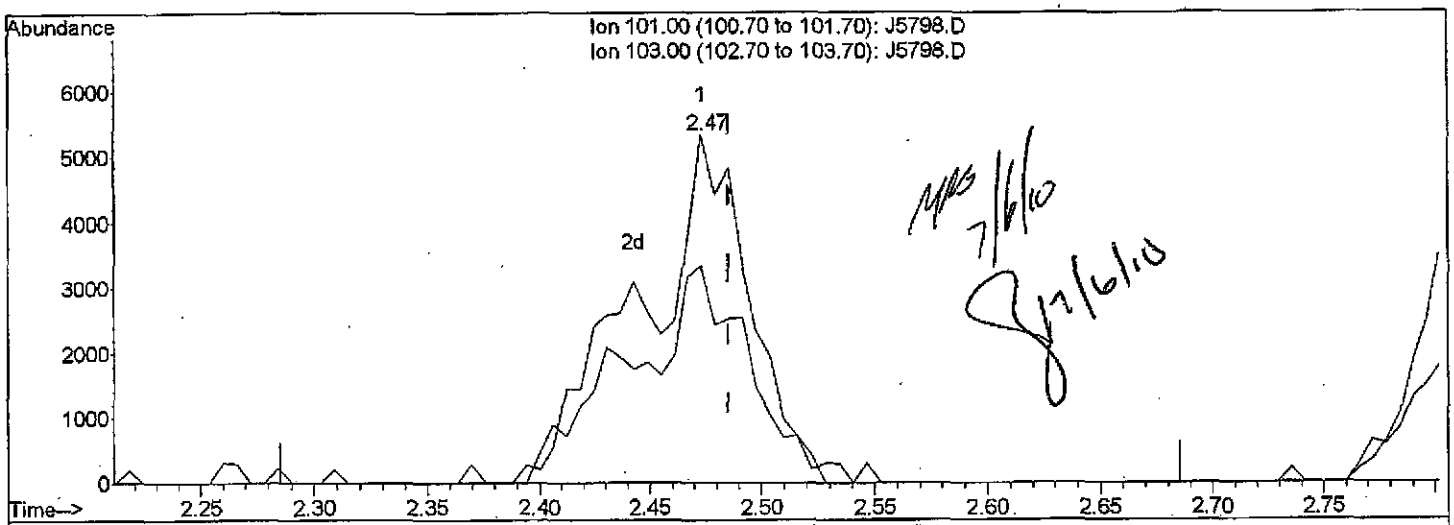
response 11366

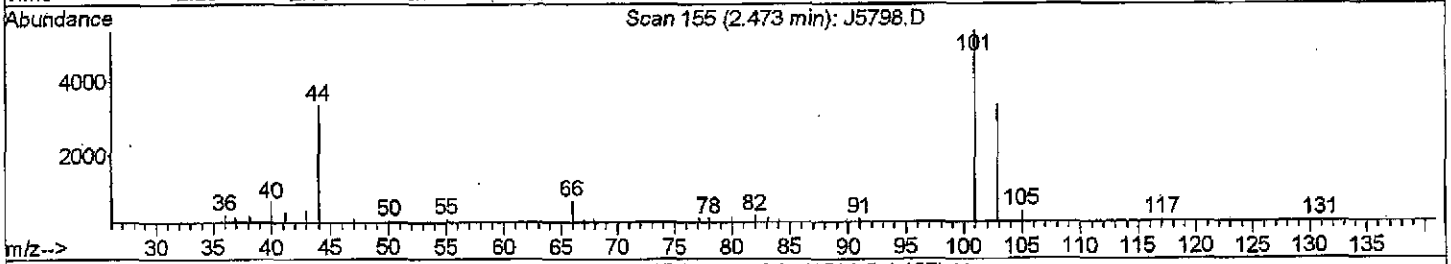
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.69
0.00	0.00	0.00
0.00	0.00	0.00

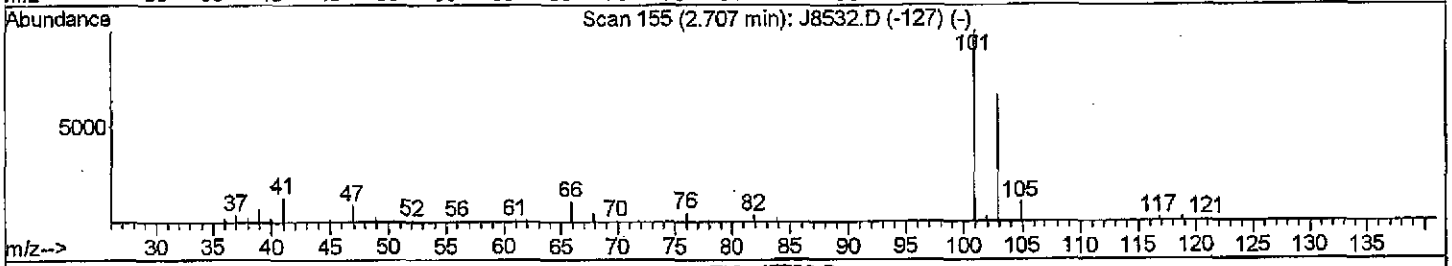
Quantitation Report (Qedit)

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

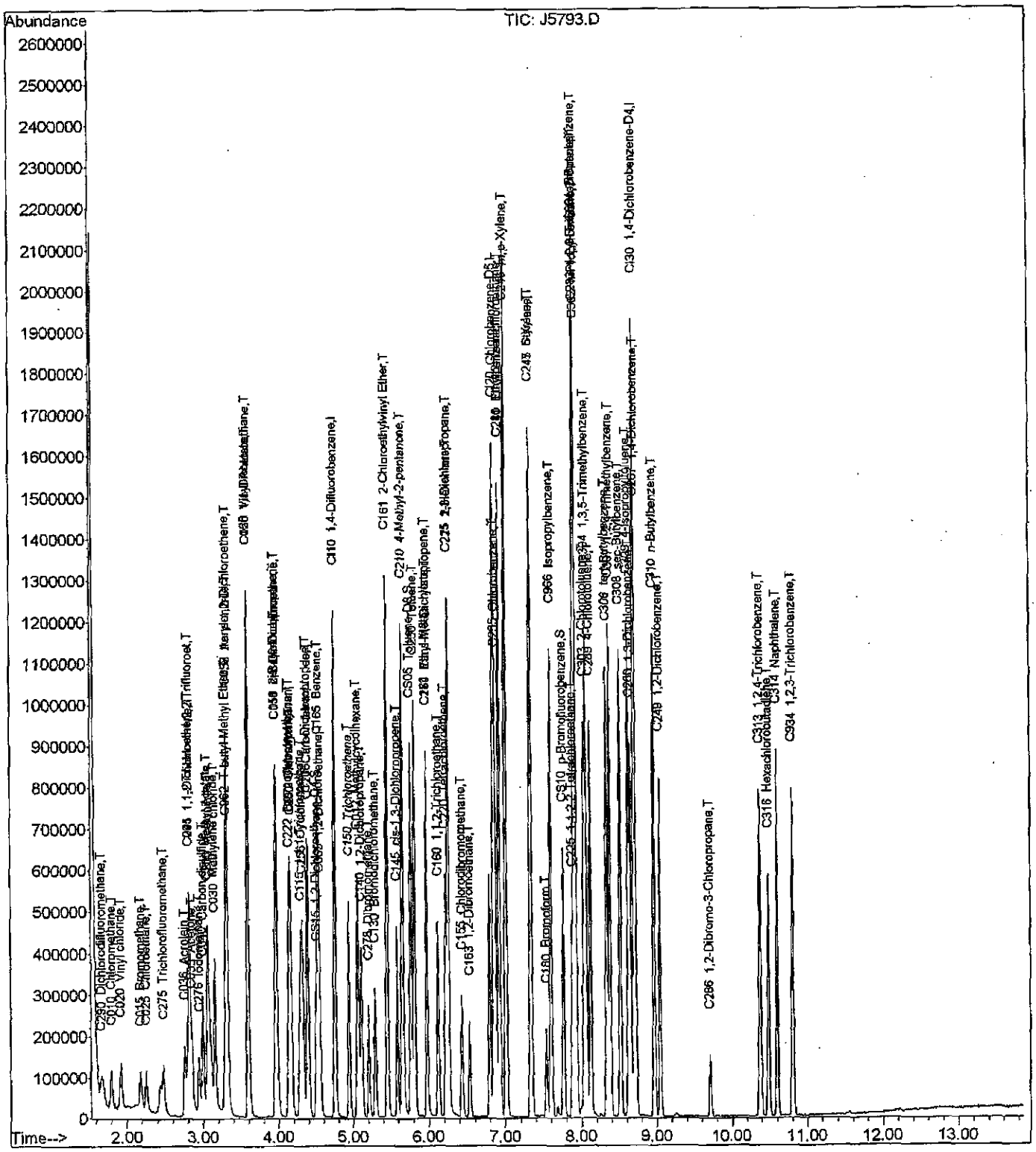
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	250438	10.34	ug/L		92
44)	C230	Toluene	5.82	92	416047	10.31	ug/L		99
45)	C170	trans-1,3-Dichloropr	5.98	75	234069	10.43	ug/L		91
46)	C284	Ethyl Methacrylate	5.98	69	215715	10.02	ug/L	#	74
47)	C160	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

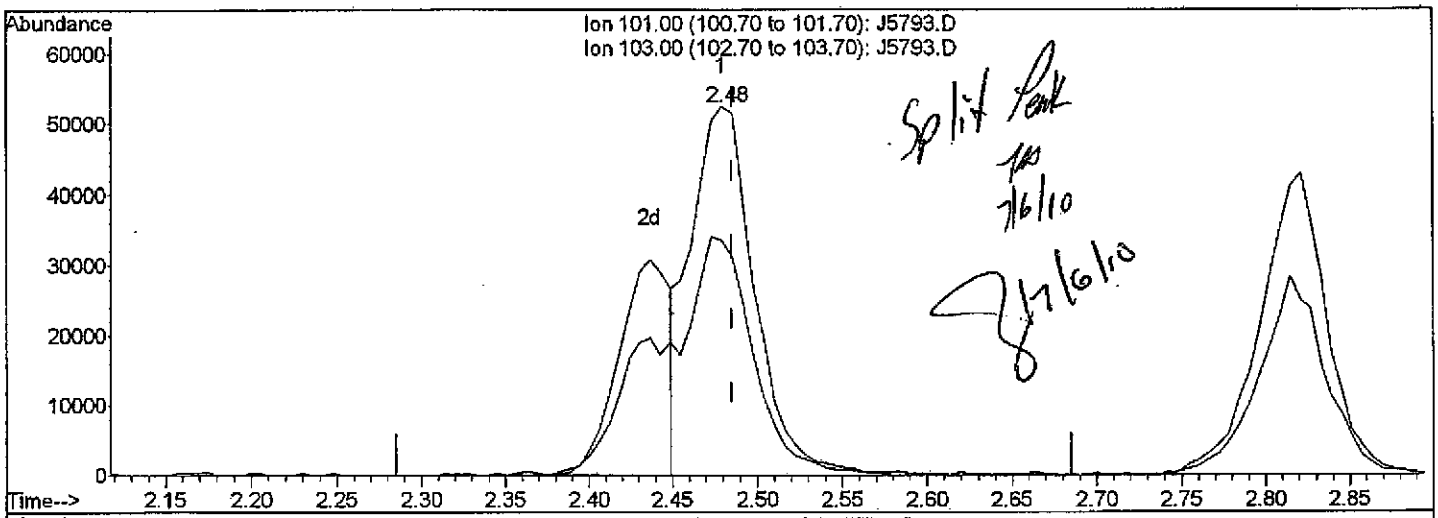
Quant Time: Jul 06 14:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration

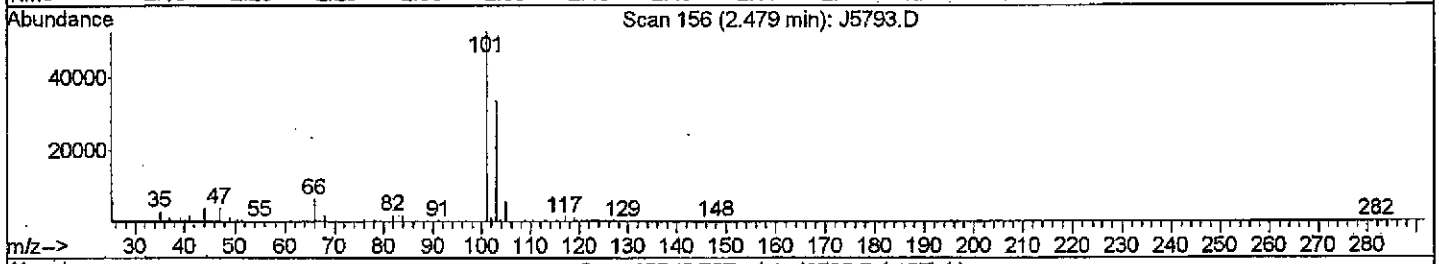


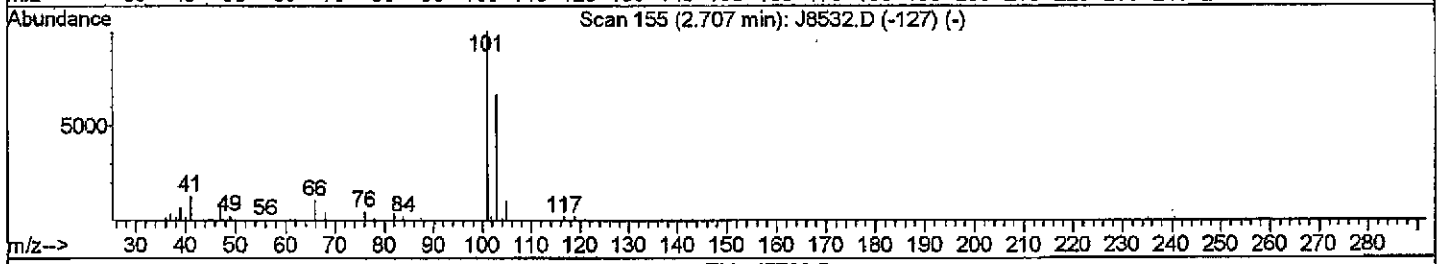
Quantitation Report (Qedit)

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

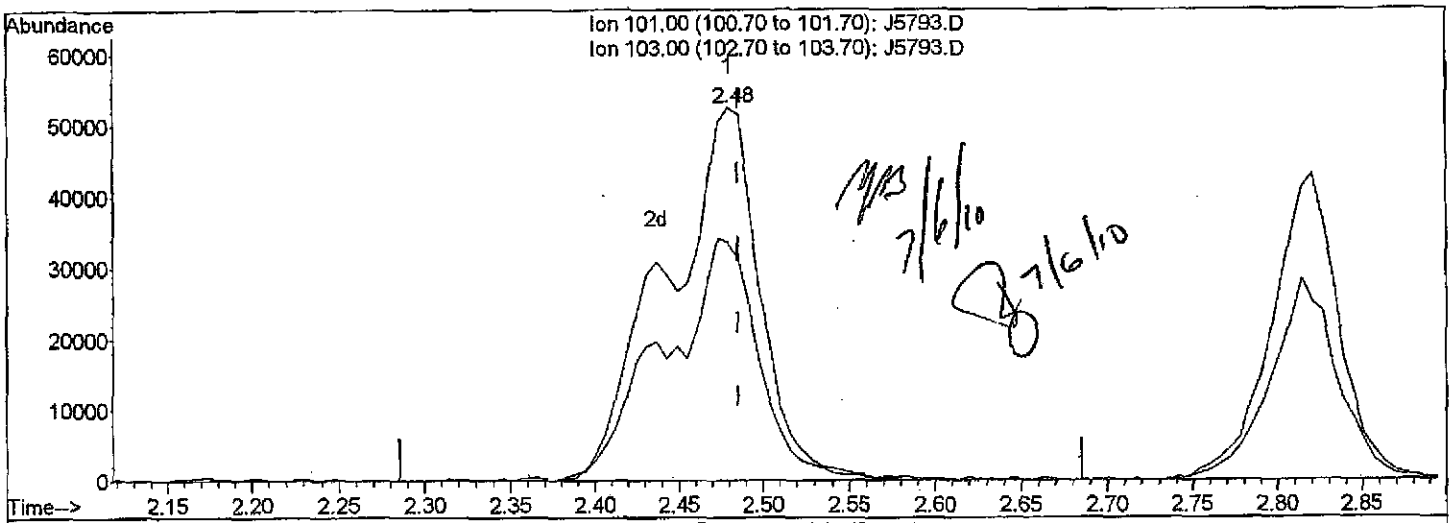
response 137132

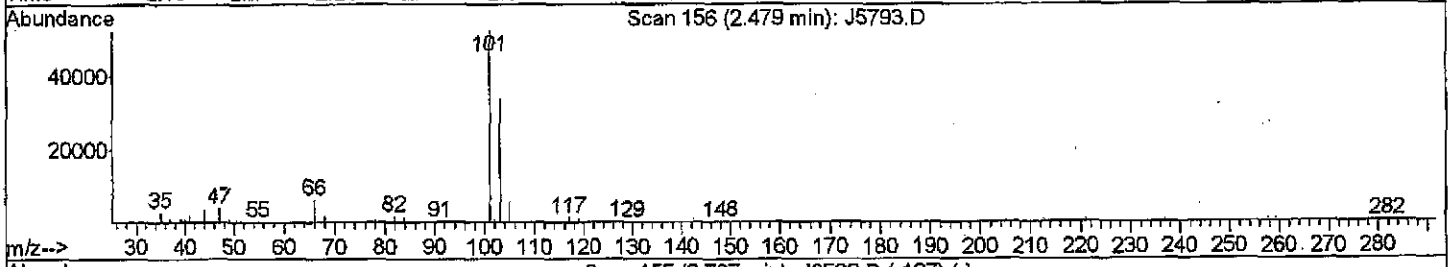
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.03
0.00	0.00	0.00
0.00	0.00	0.00

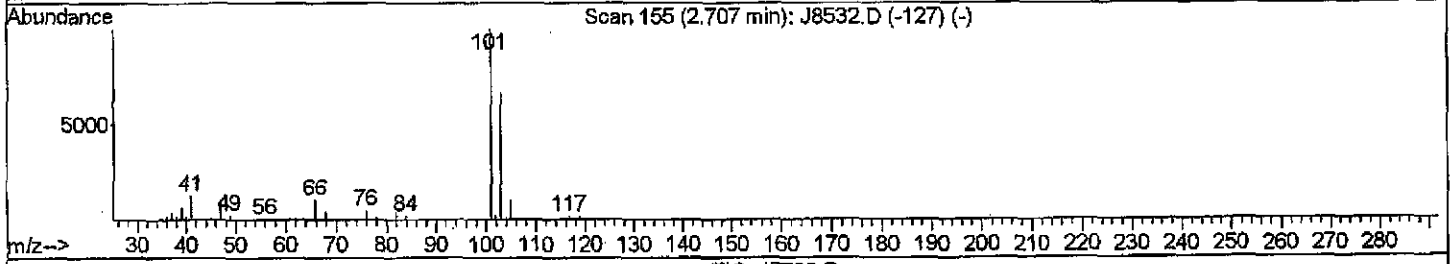
Quantitation Report (Qedit)

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
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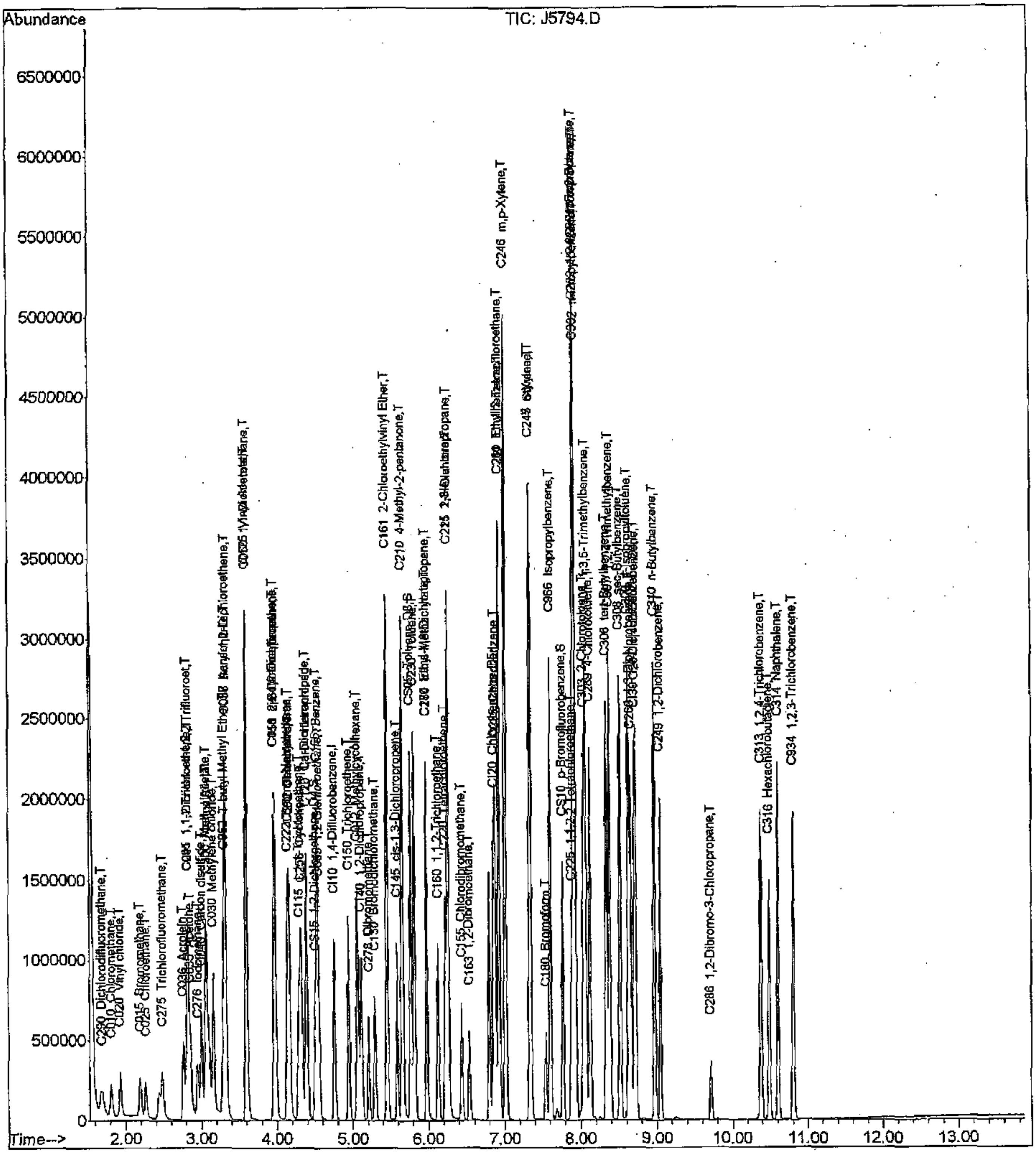
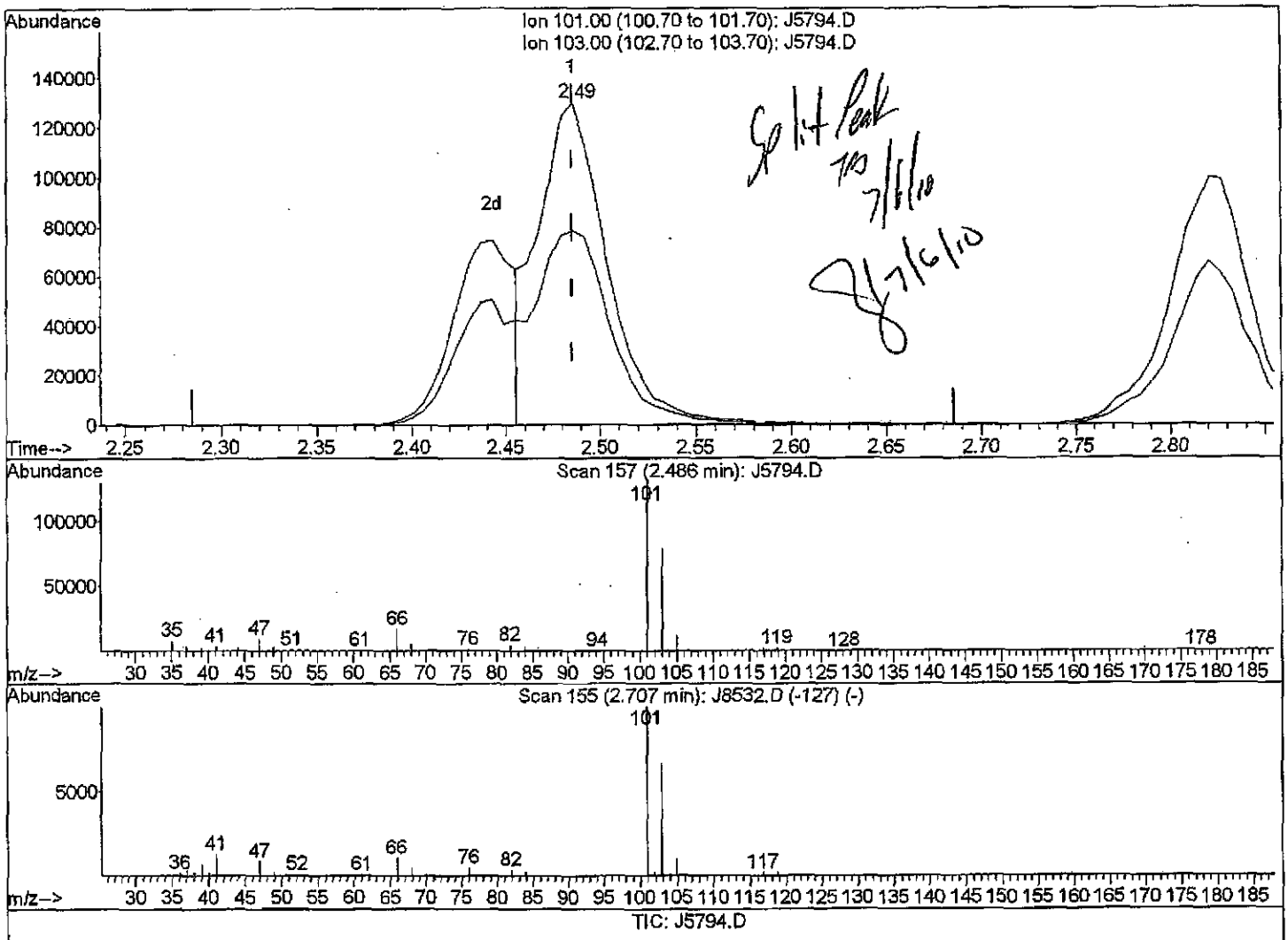


Quantitation Report (Qedit)

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

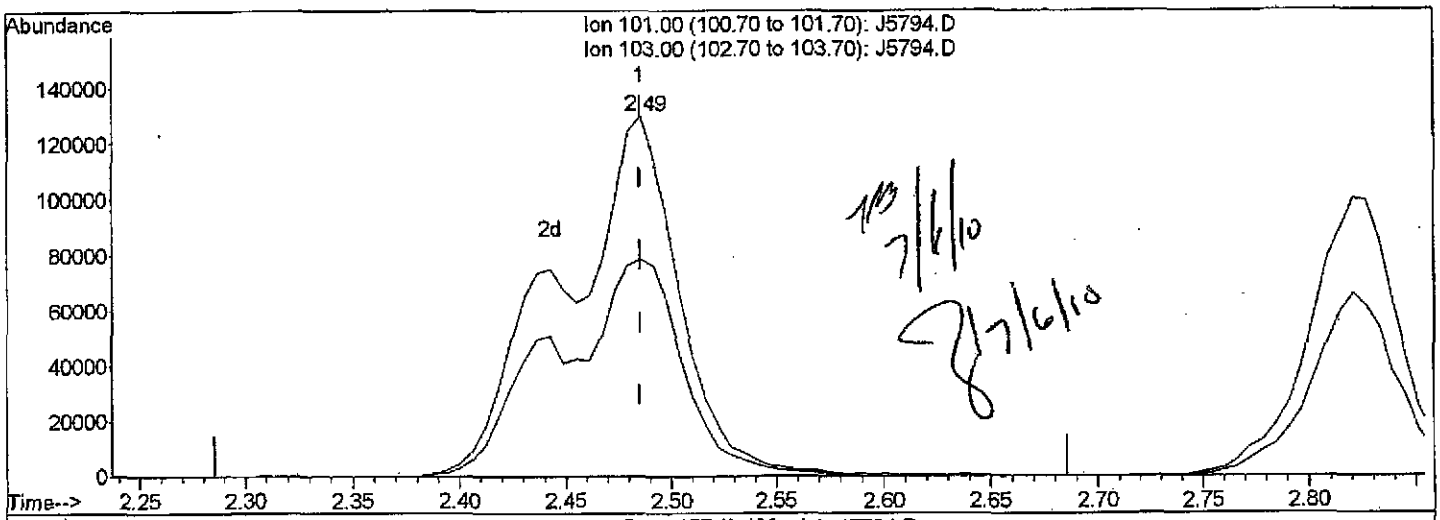
response 329429

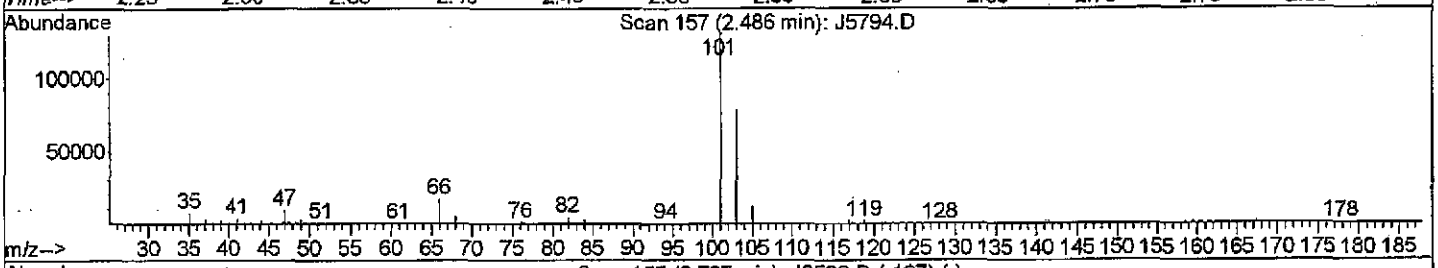
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	60.57
0.00	0.00	0.00
0.00	0.00	0.00

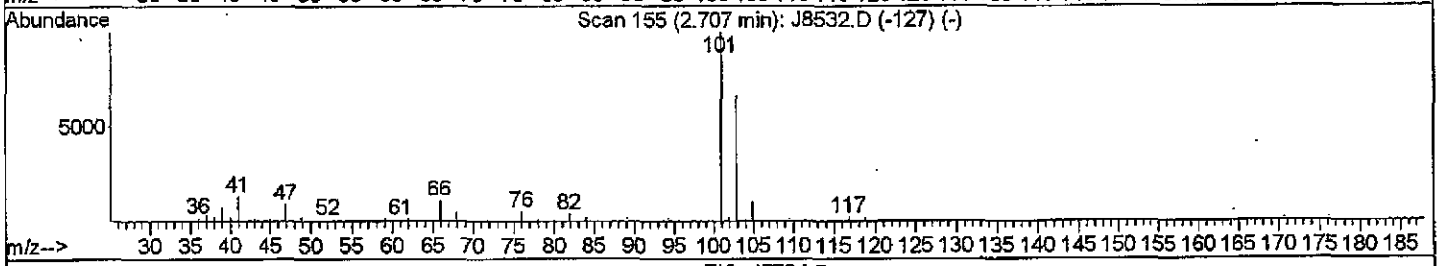
Quantitation Report (Qedit)

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

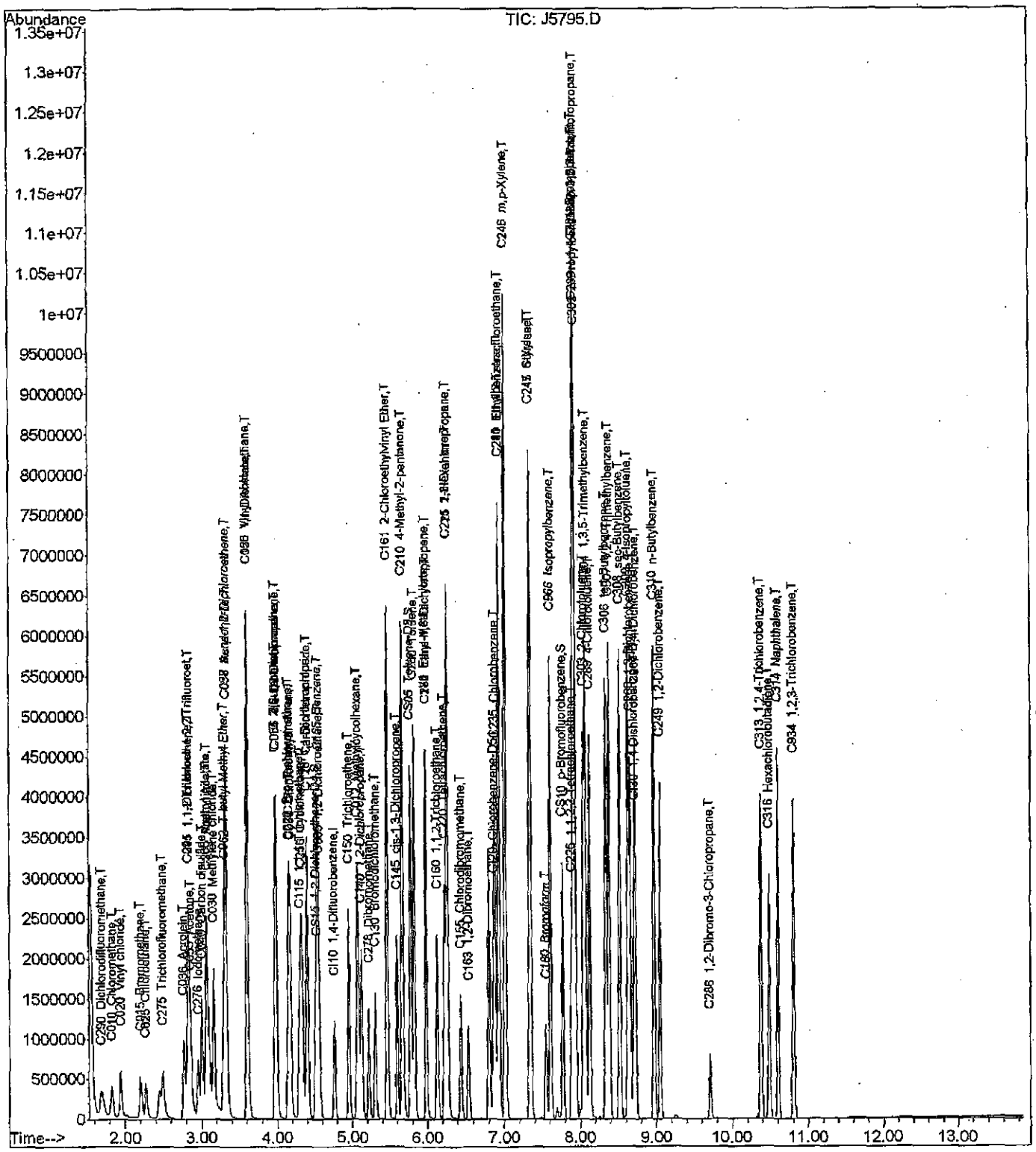
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	1269585	51.49	ug/L		94
44)	C230	Toluene	5.82	92	2081481	50.10	ug/L		96
45)	C170	trans-1,3-Dichloropr	5.98	75	1194541	51.71	ug/L		88
46)	C284	Ethyl Methacrylate	5.98	69	1180172	53.21	ug/L	#	73
47)	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

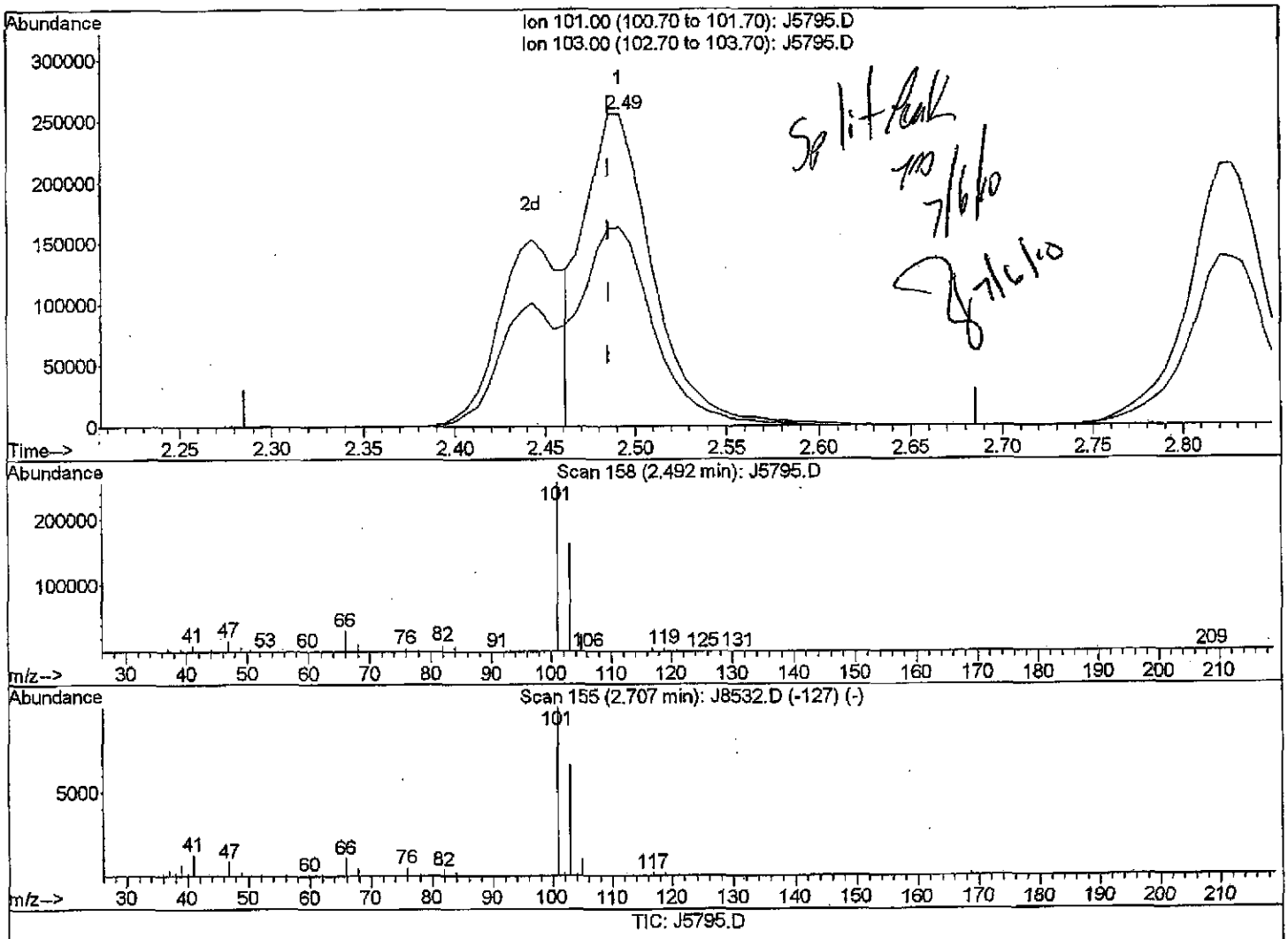
Quant Time: Jul 06 14:07:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



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

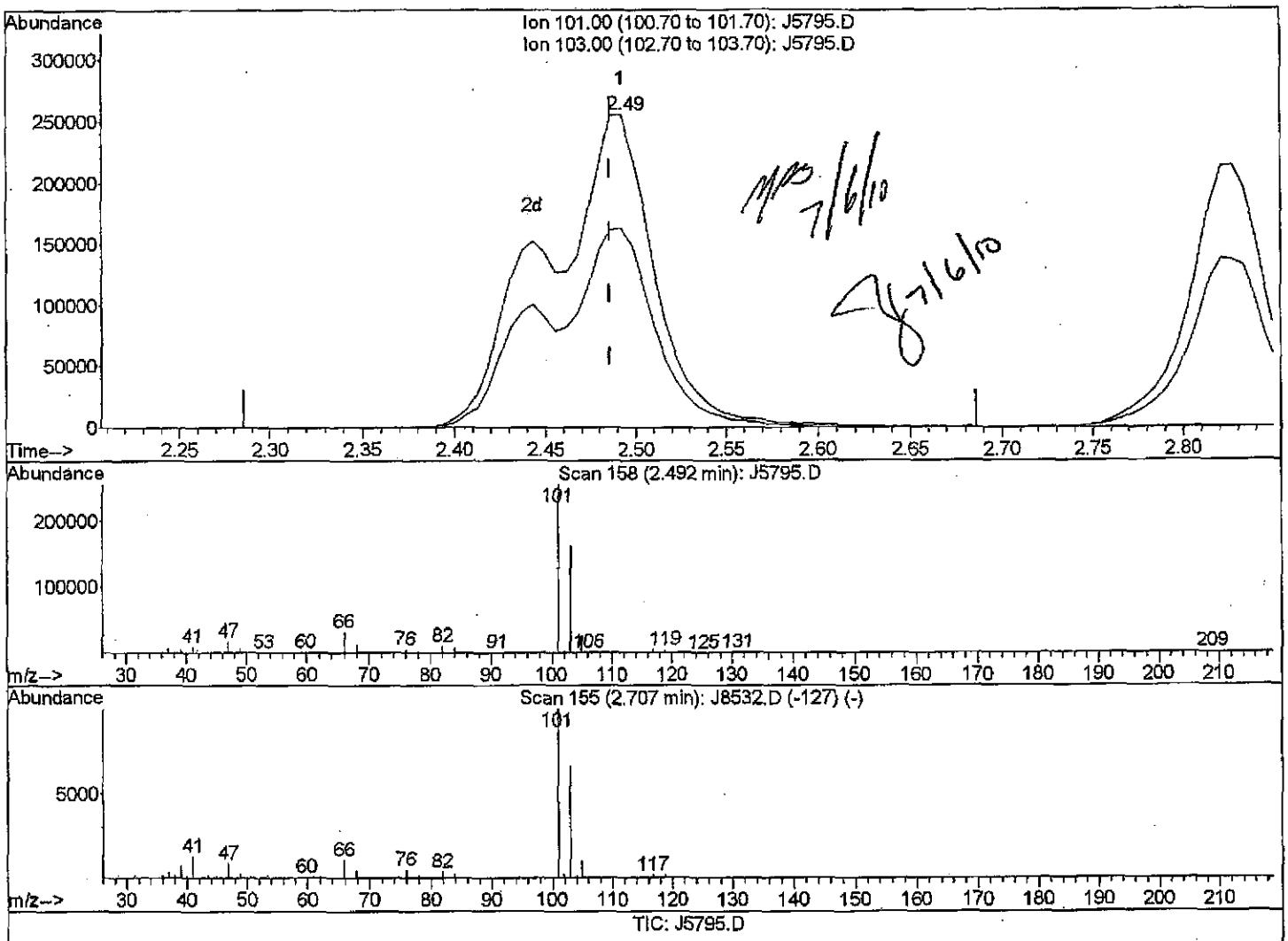
response 681321

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

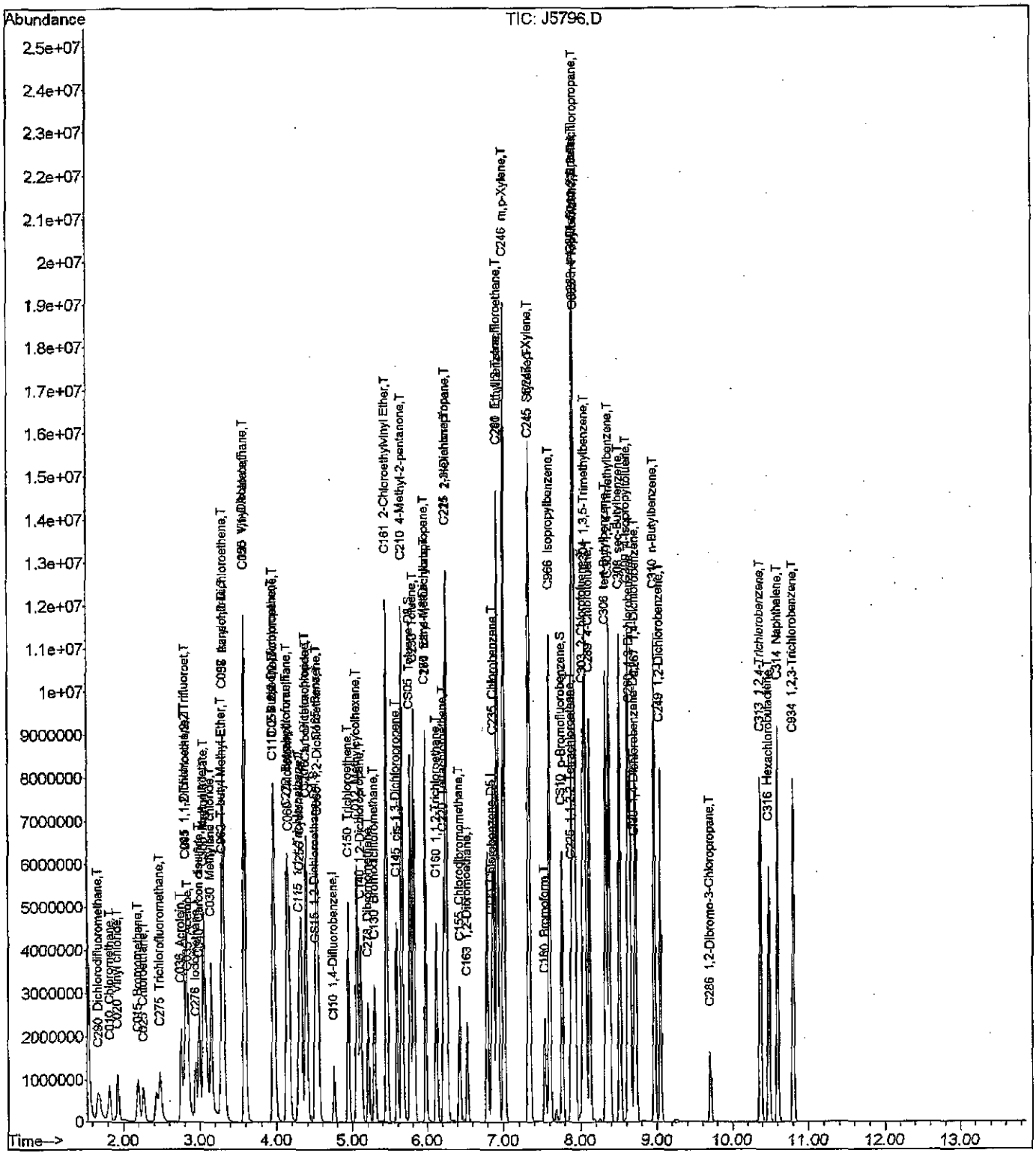
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	2554910	97.87	ug/L		95
44)	C230	Toluene	5.82	92	4107245	93.79	ug/L		96
45)	C170	trans-1,3-Dichloropr	5.98	75	2391910	98.23	ug/L		90
46)	C284	Ethyl Methacrylate	5.98	69	2347303	100.41	ug/L	#	73
47)	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

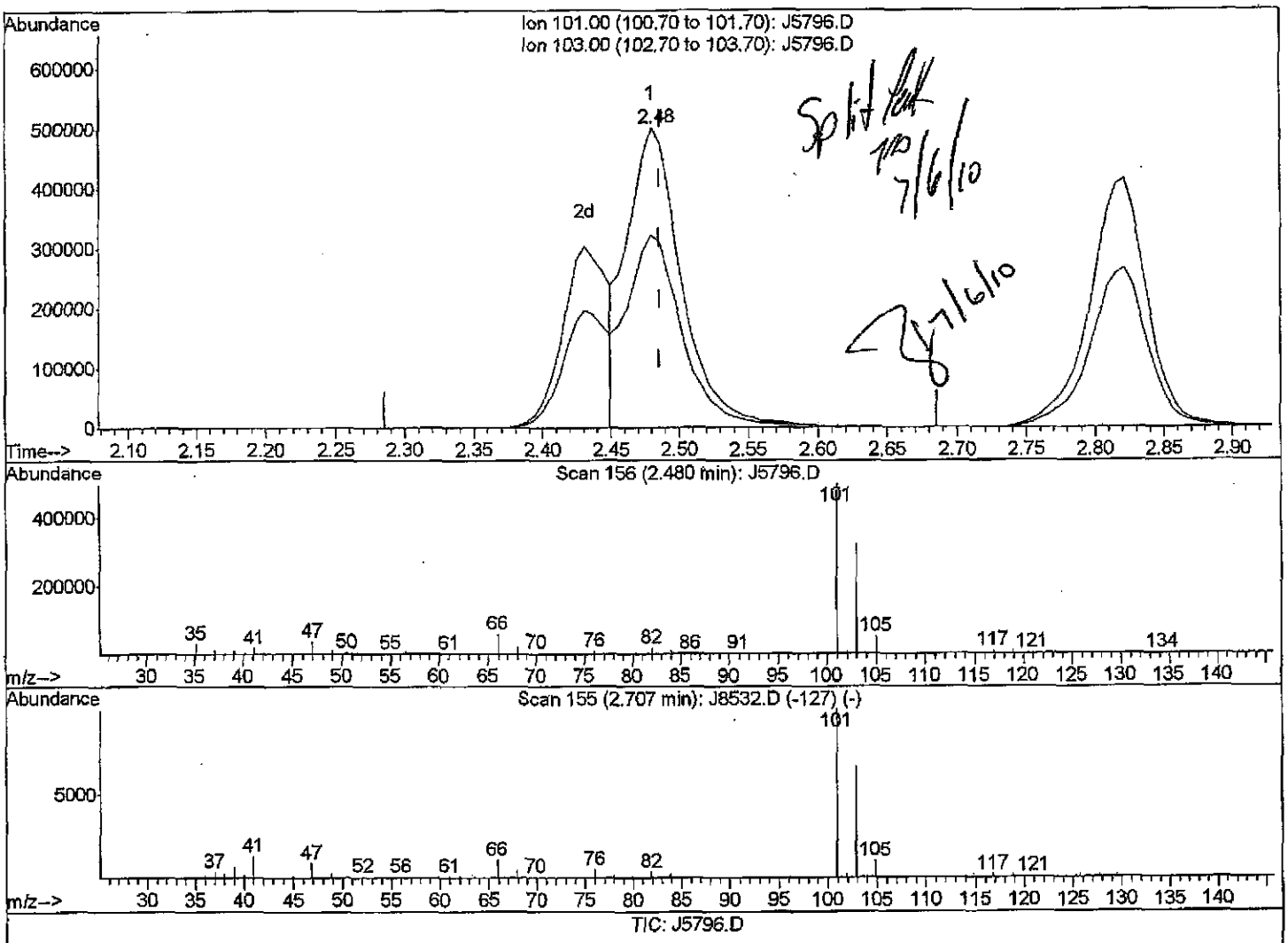
Quant Time: Jul 06 14:08:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:05:02 2010
Response via : Initial Calibration



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)

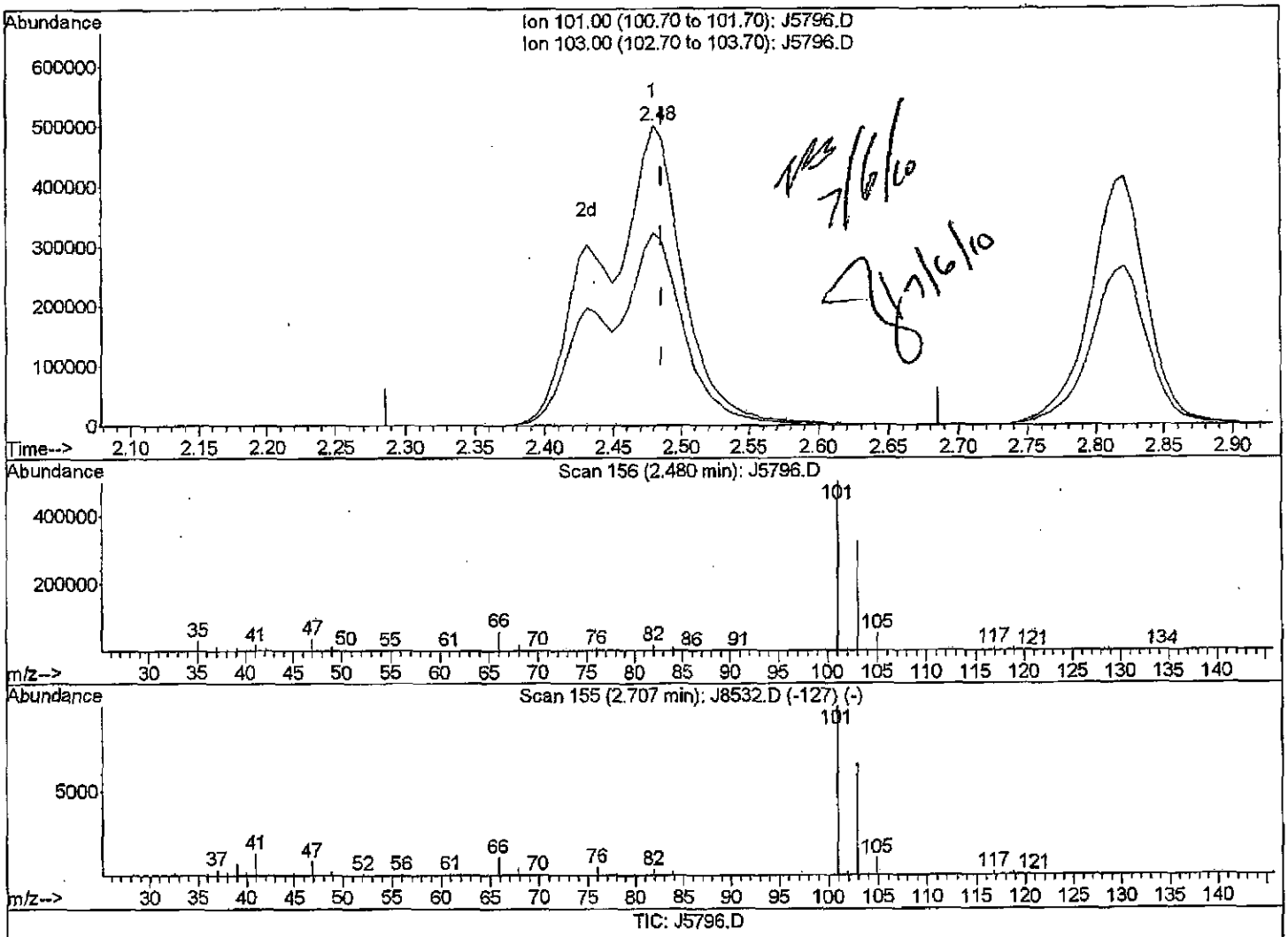
2.48min (-0.006) 64.85ug/L

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

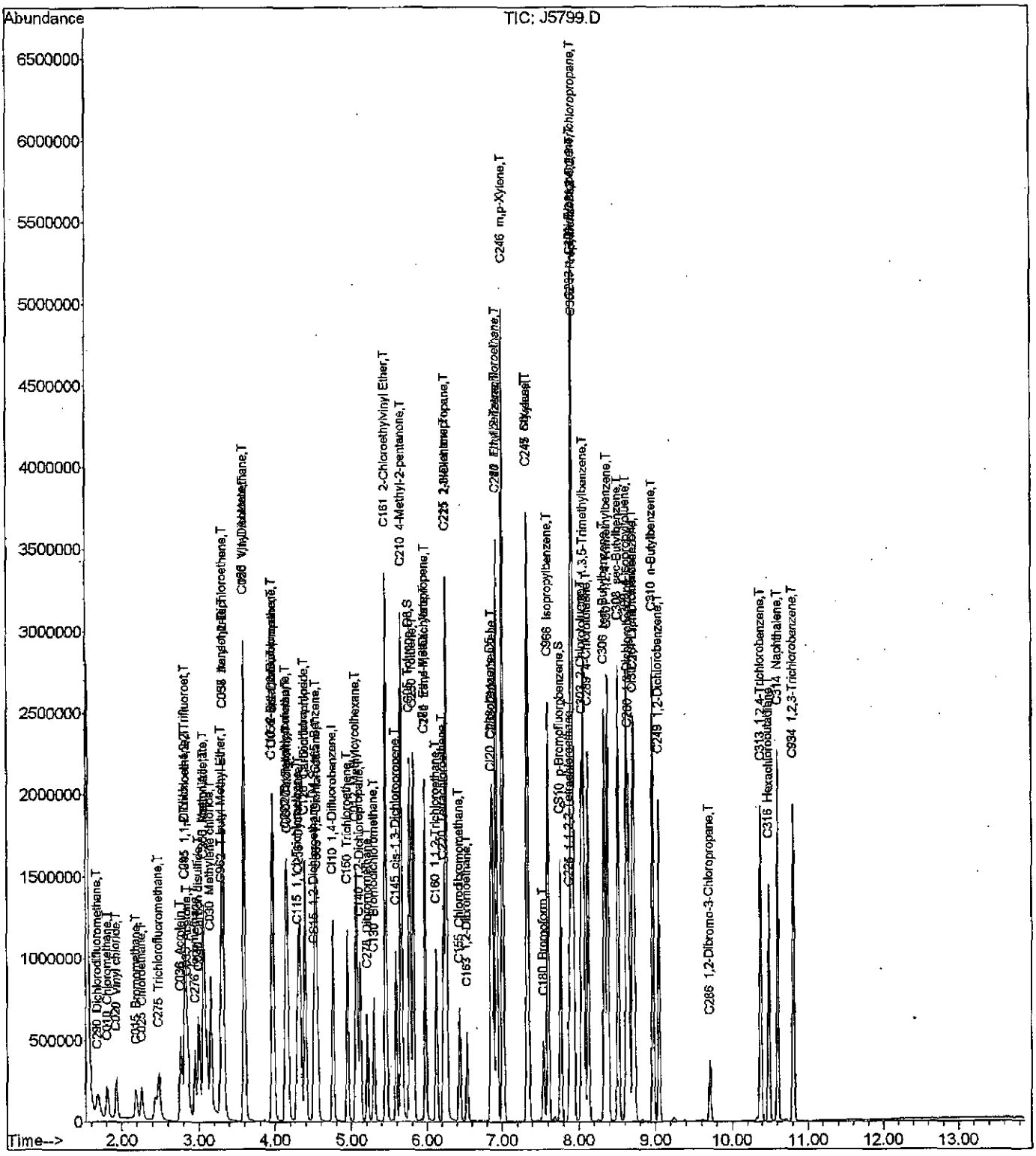
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	583529	23.78	ug/L		91
44)	C230	Toluene	5.82	92	973851	23.71	ug/L		97
45)	C170	trans-1,3-Dichloropr	5.98	75	540364	23.66	ug/L		90
46)	C284	Ethyl Methacrylate	5.99	69	571367	26.05	ug/L	#	73
47)	C160	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

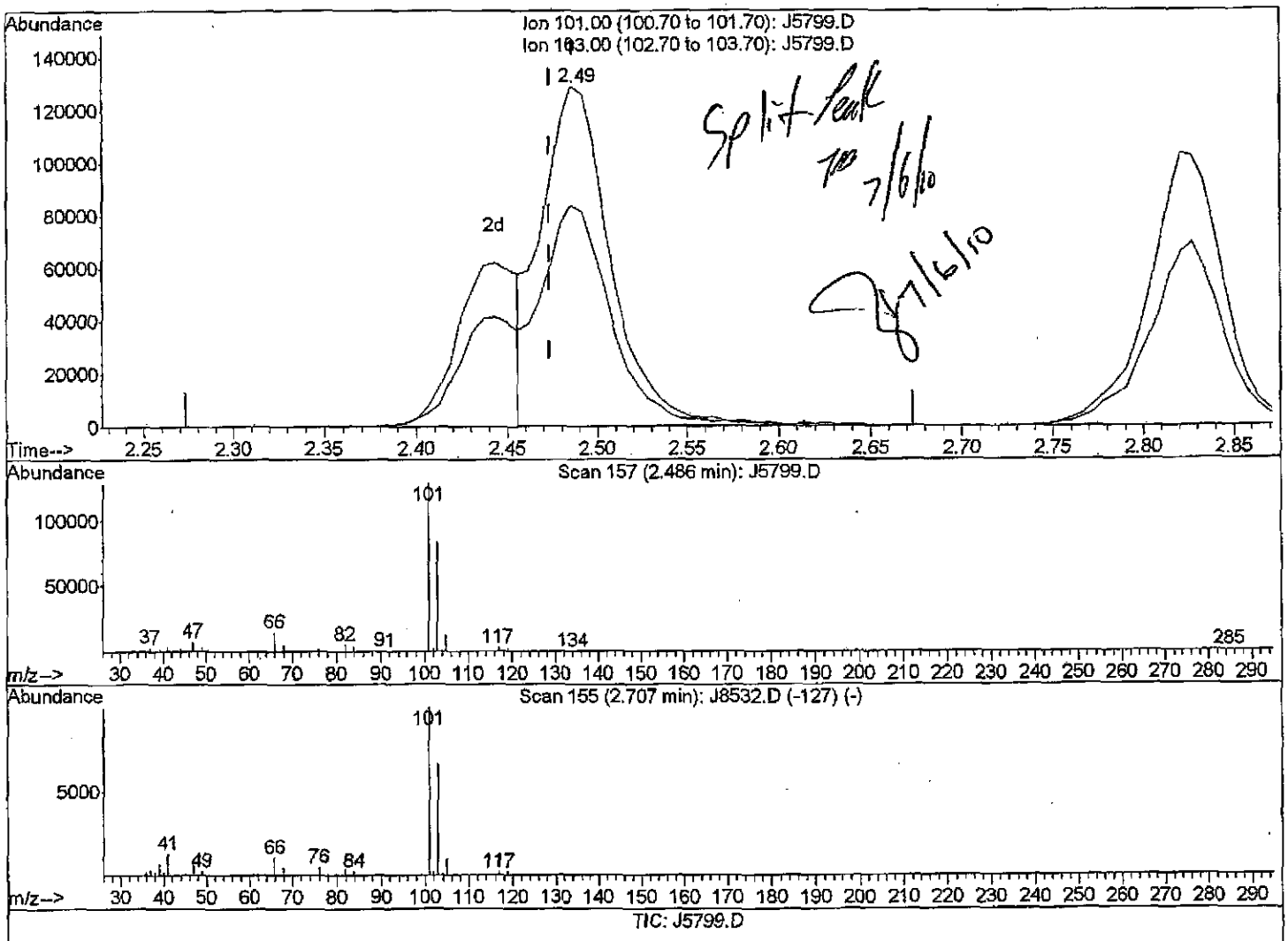
Quant Time: Jul 06 14:34:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration



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

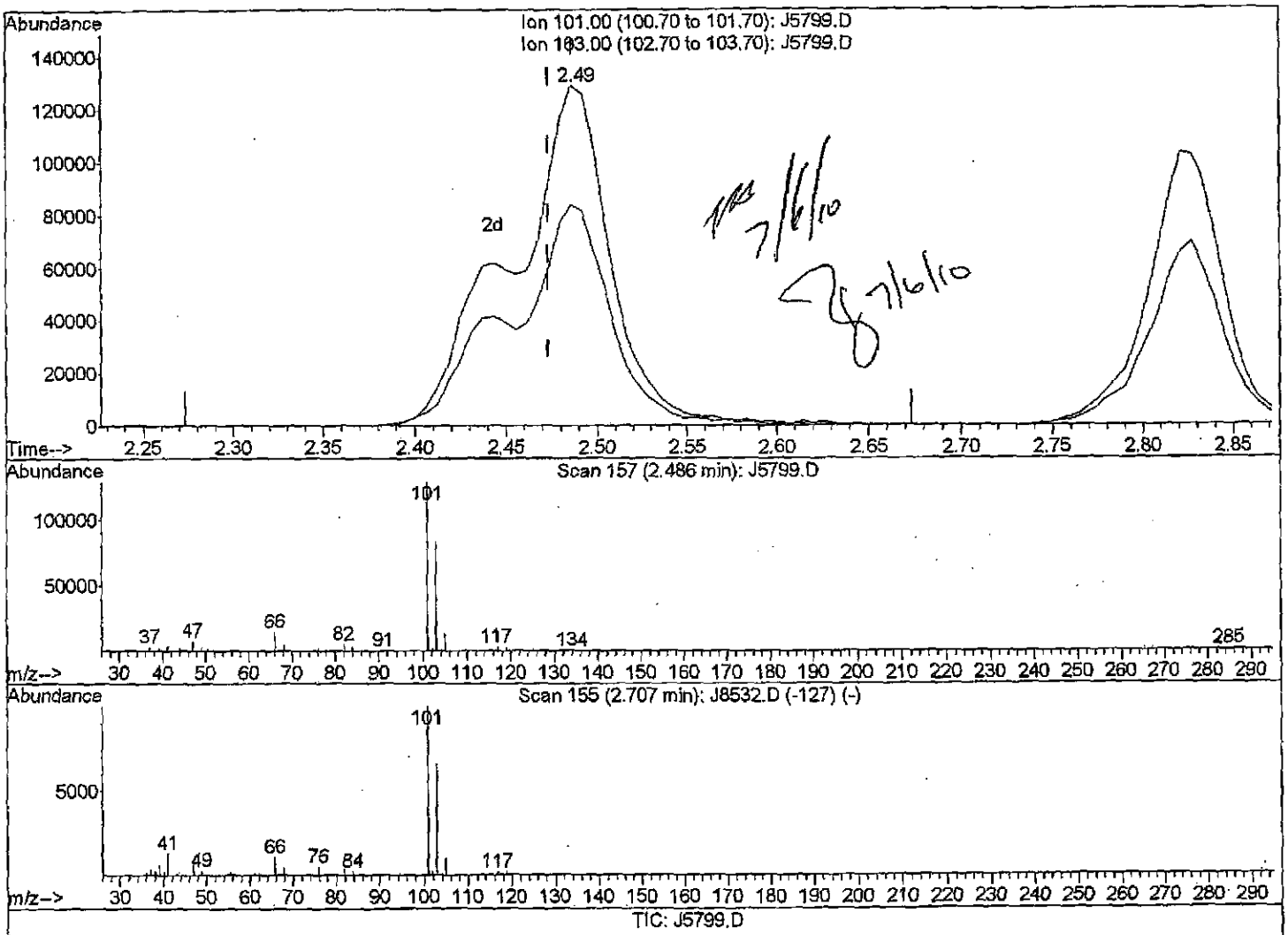
response 344271

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

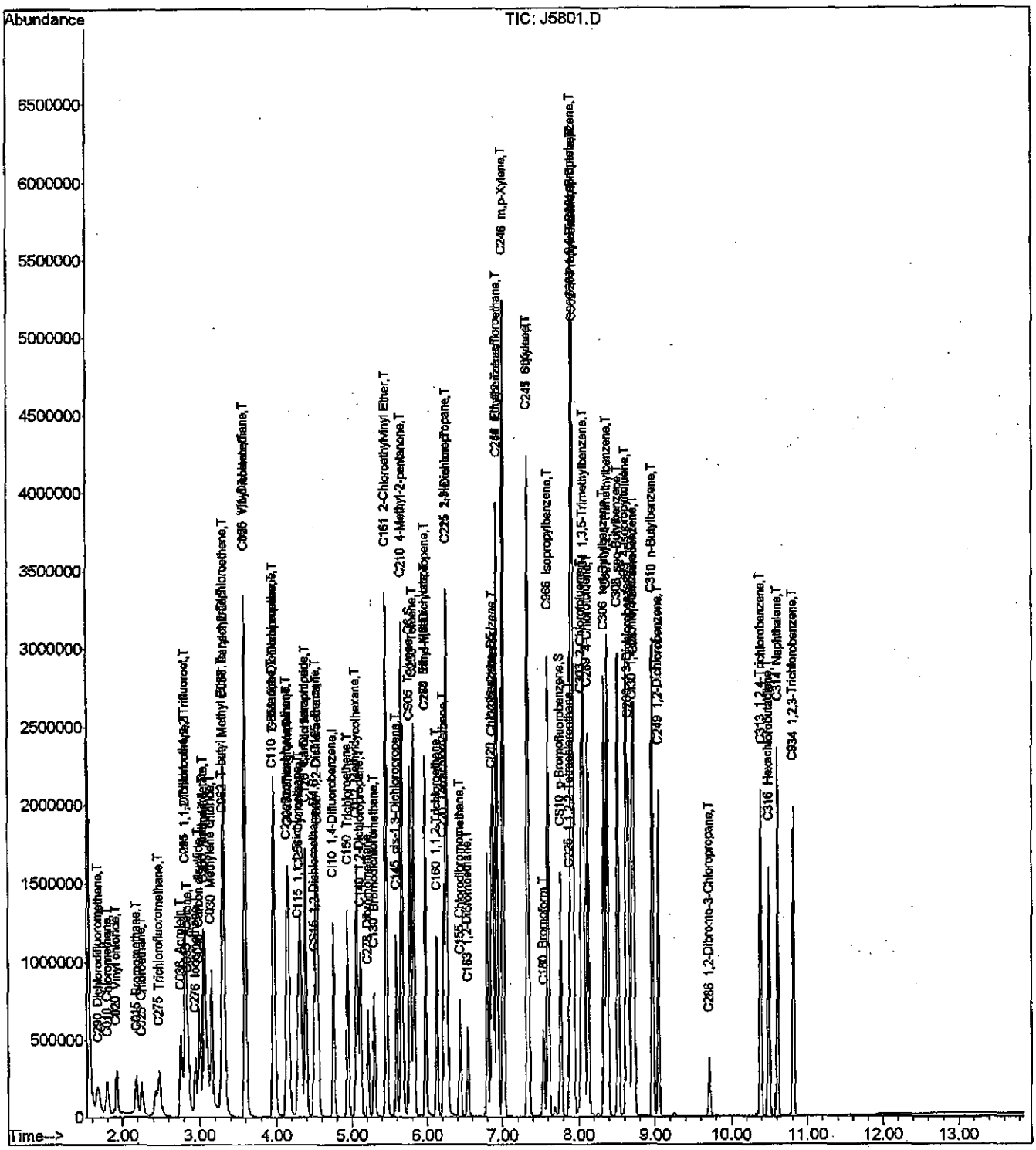
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloroprop	5.59	75	641653	25.87	ug/L		96
44)	C230	Toluene	5.82	92	1069384	25.57	ug/L		99
45)	C170	trans-1,3-Dichloropr	5.98	75	597970	25.72	ug/L		90
46)	C284	Ethyl Methacrylate	5.98	69	585704	26.24	ug/L	#	72
47)	C160	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

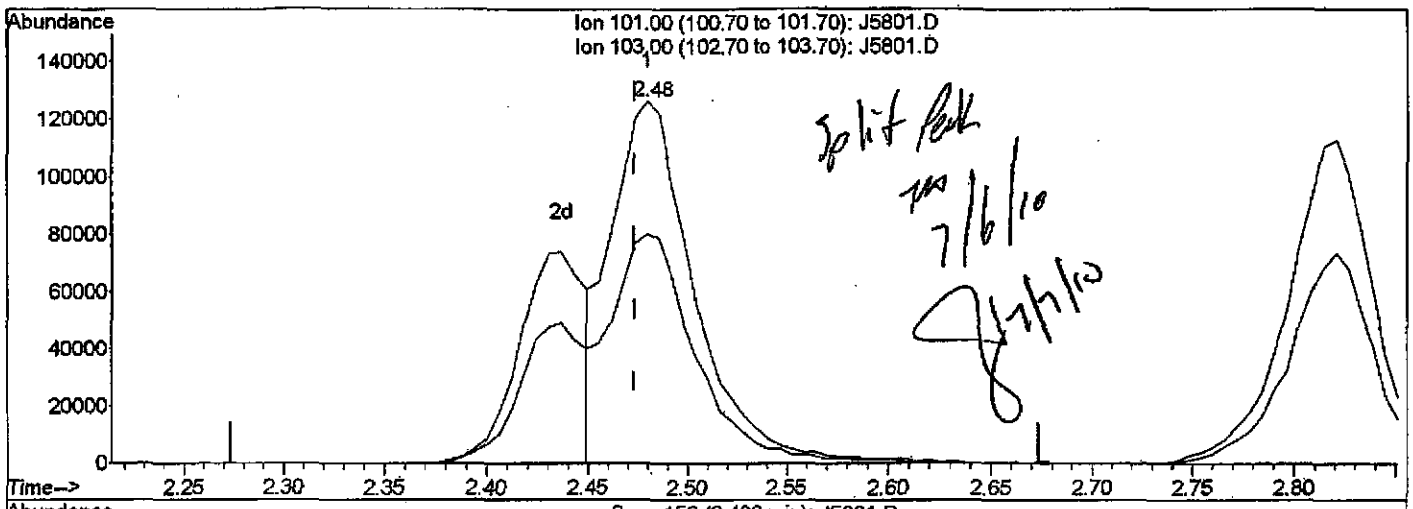
Quant Time: Jul 06 15:05:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 14:11:32 2010
Response via : Initial Calibration

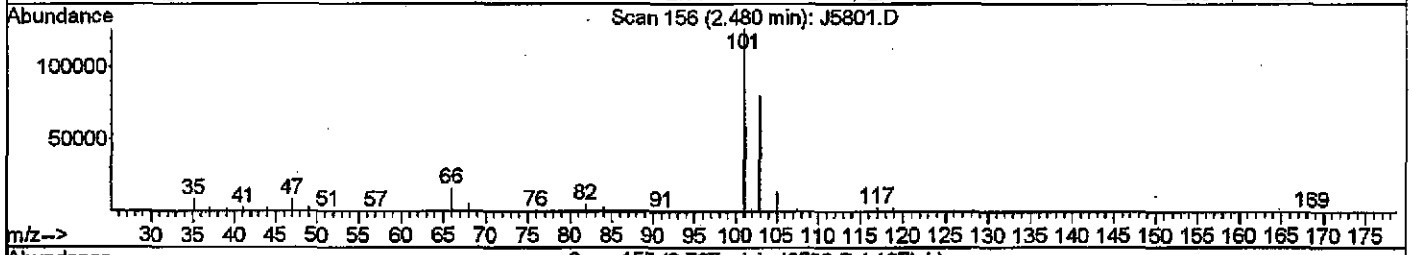


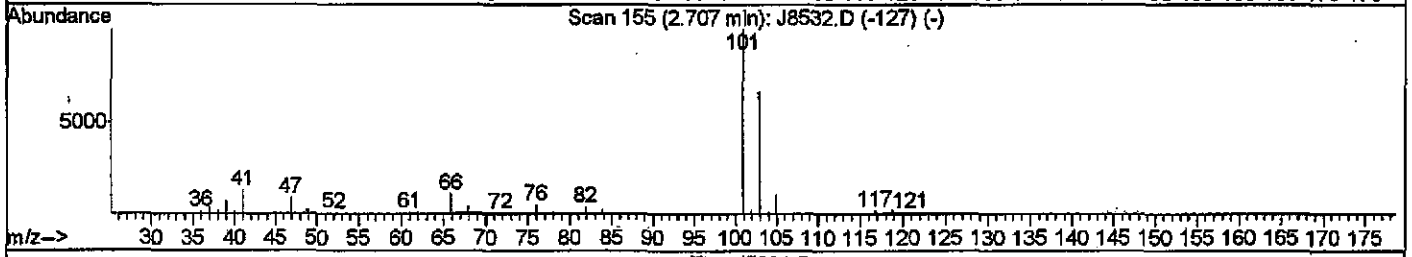
Quantitation Report (Qedit)

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

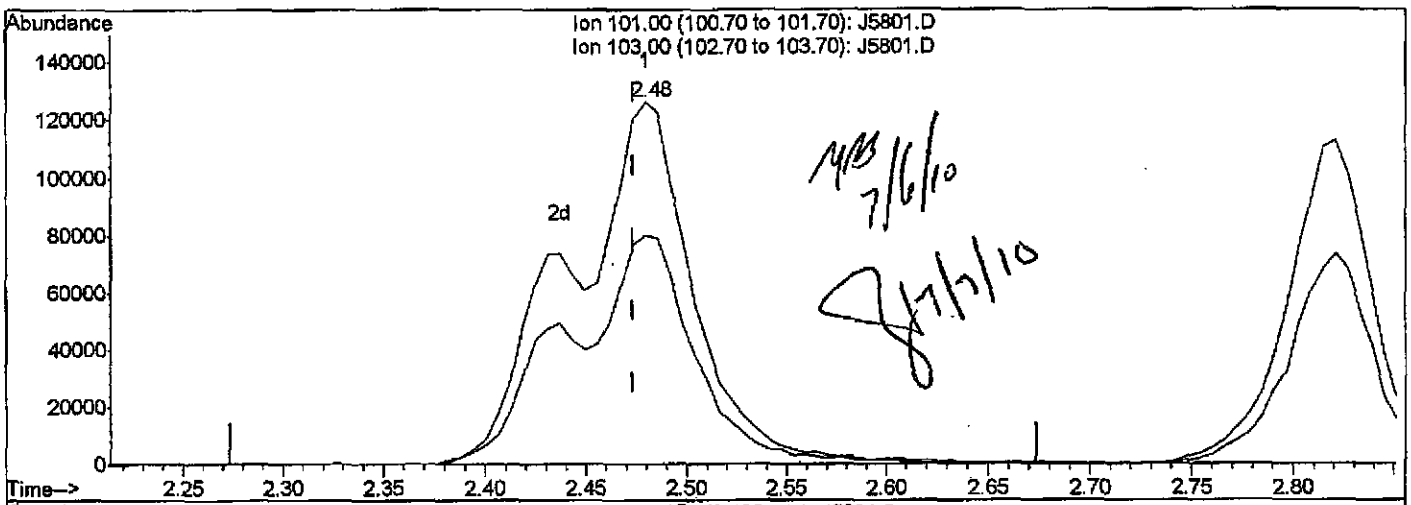
response 367493

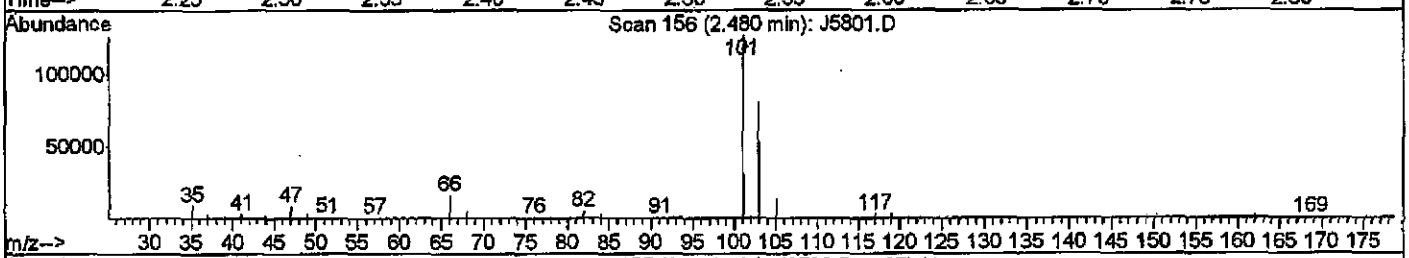
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.23
0.00	0.00	0.00
0.00	0.00	0.00

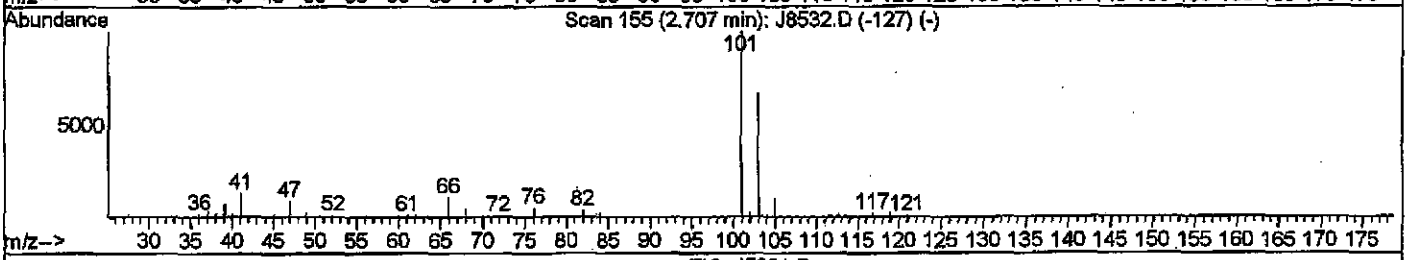
Quantitation Report (Qedit)

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

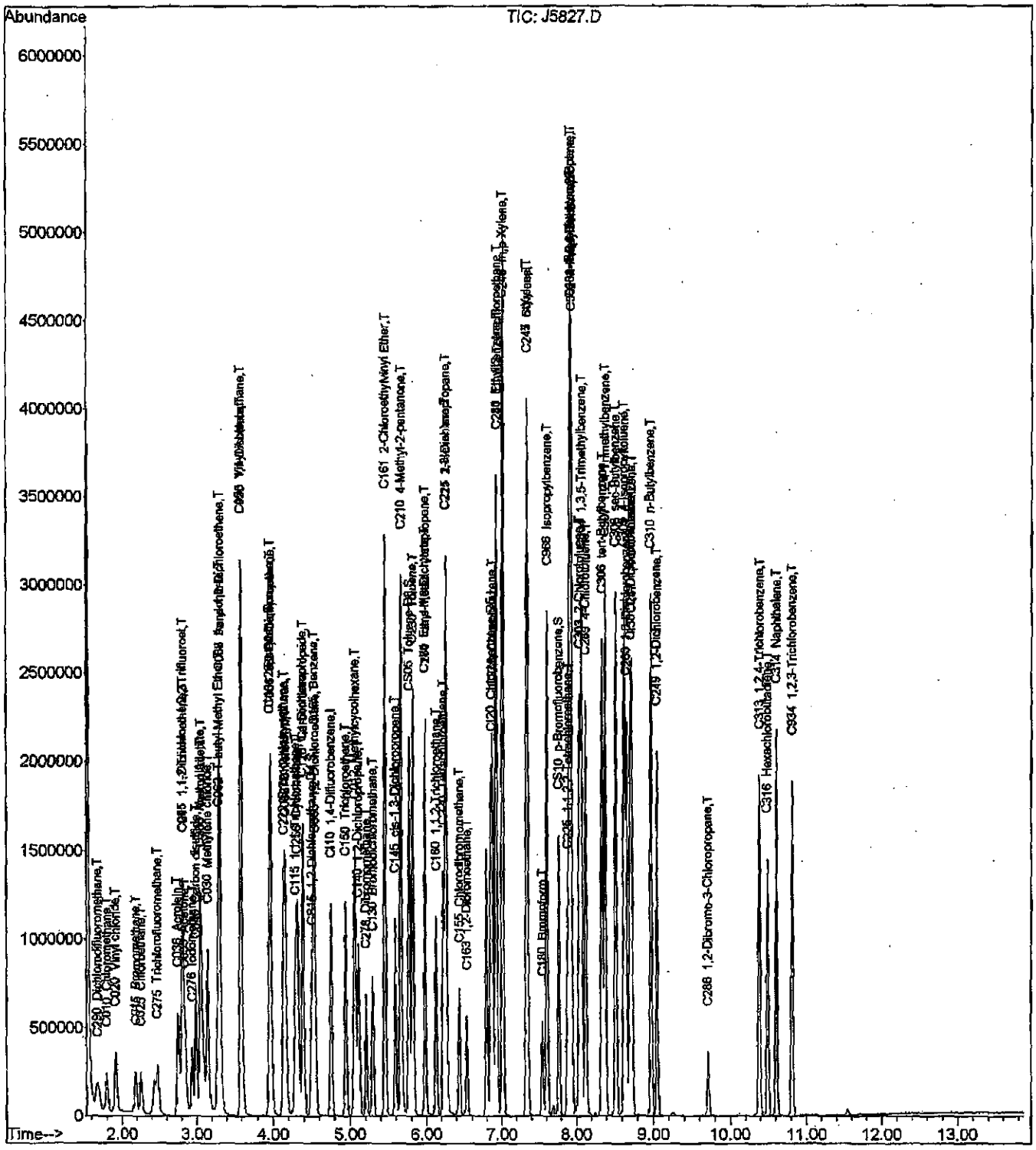
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloroprop	5.59	75	607767	24.90	ug/L		93
44) C230	Toluene	5.82	92	1009054	24.16	ug/L		99
45) C170	trans-1,3-Dichloropr	5.98	75	576797	24.83	ug/L		90
46) C284	Ethyl Methacrylate	5.98	69	559804	25.11	ug/L	#	73
47) C160	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

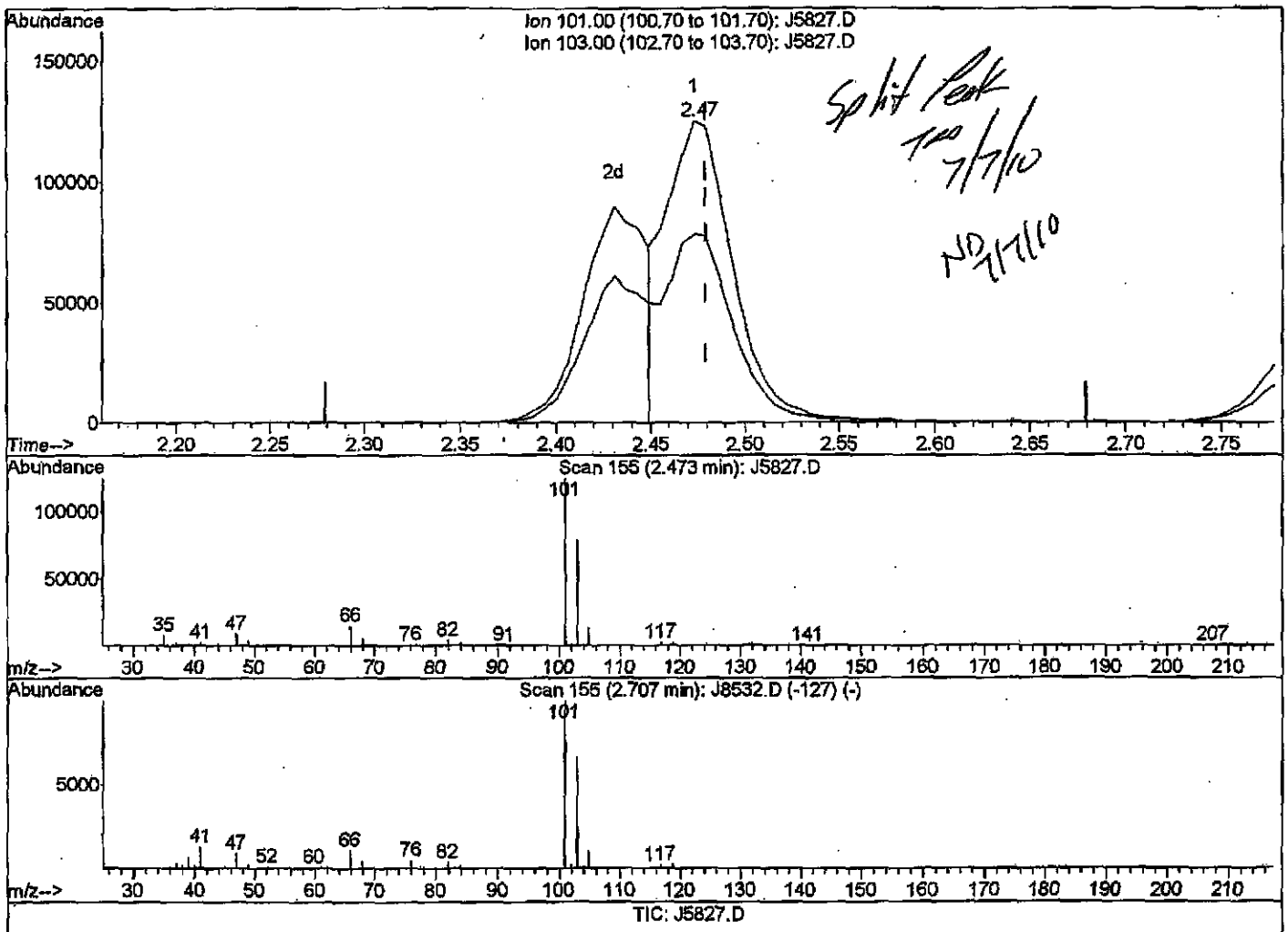
Quant Time: Jul 07 09:58:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



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

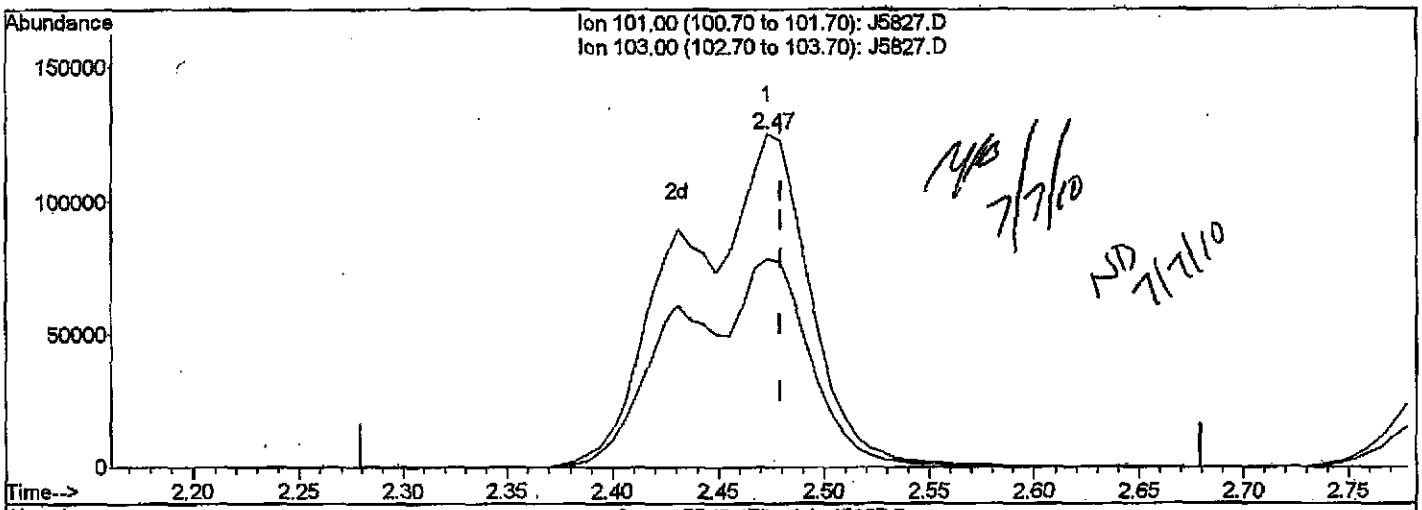
response 307825

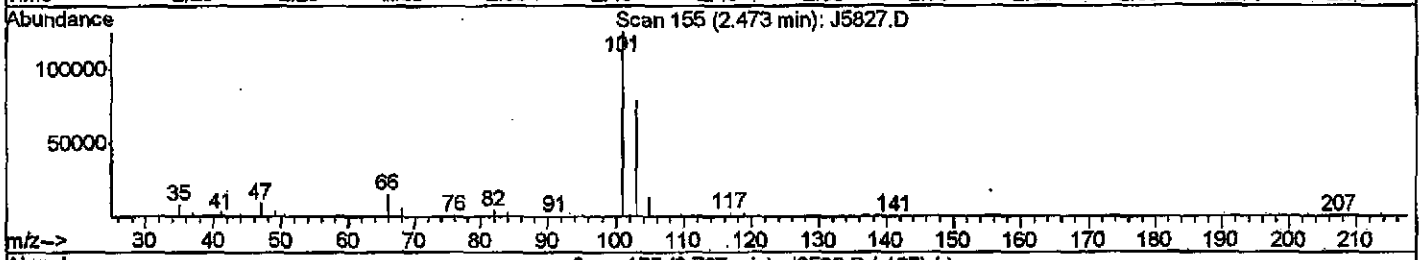
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.44
0.00	0.00	0.00
0.00	0.00	0.00

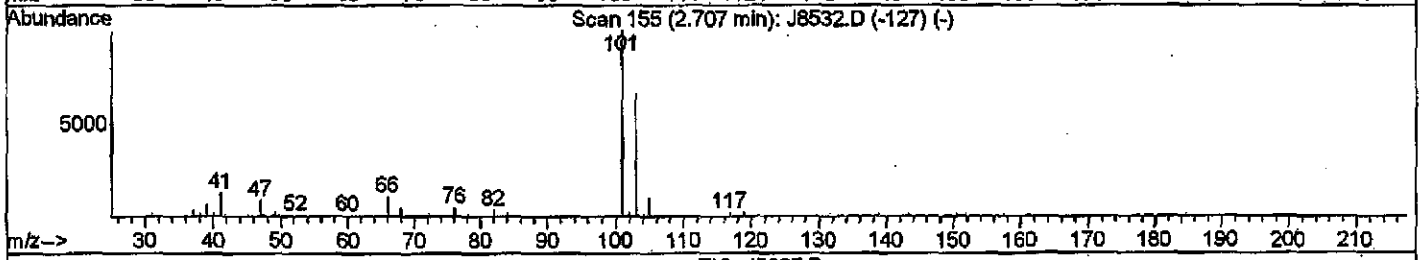
Quantitation Report (Qedit)

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

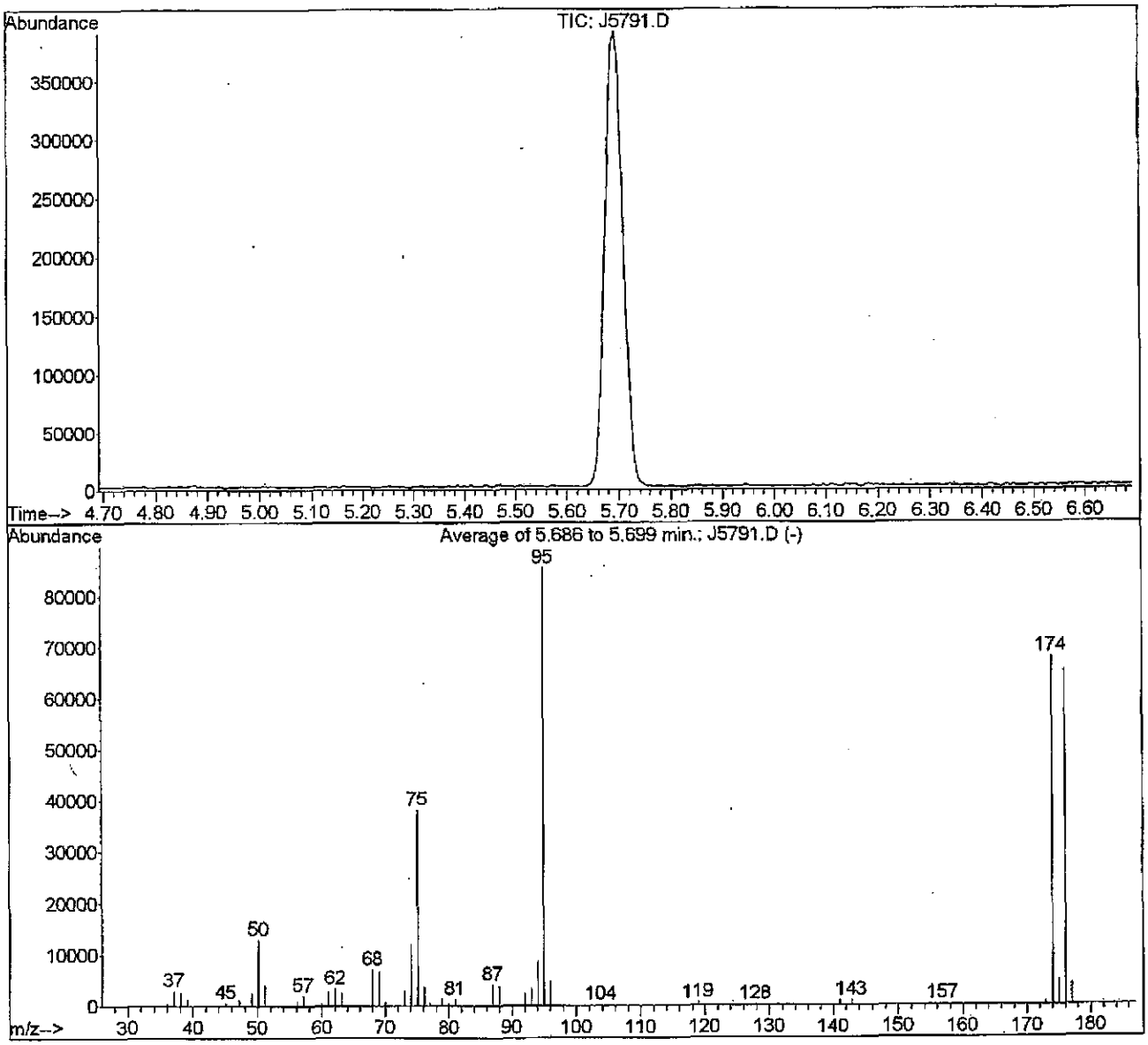
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.44
0.00	0.00	0.00
0.00	0.00	0.00

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

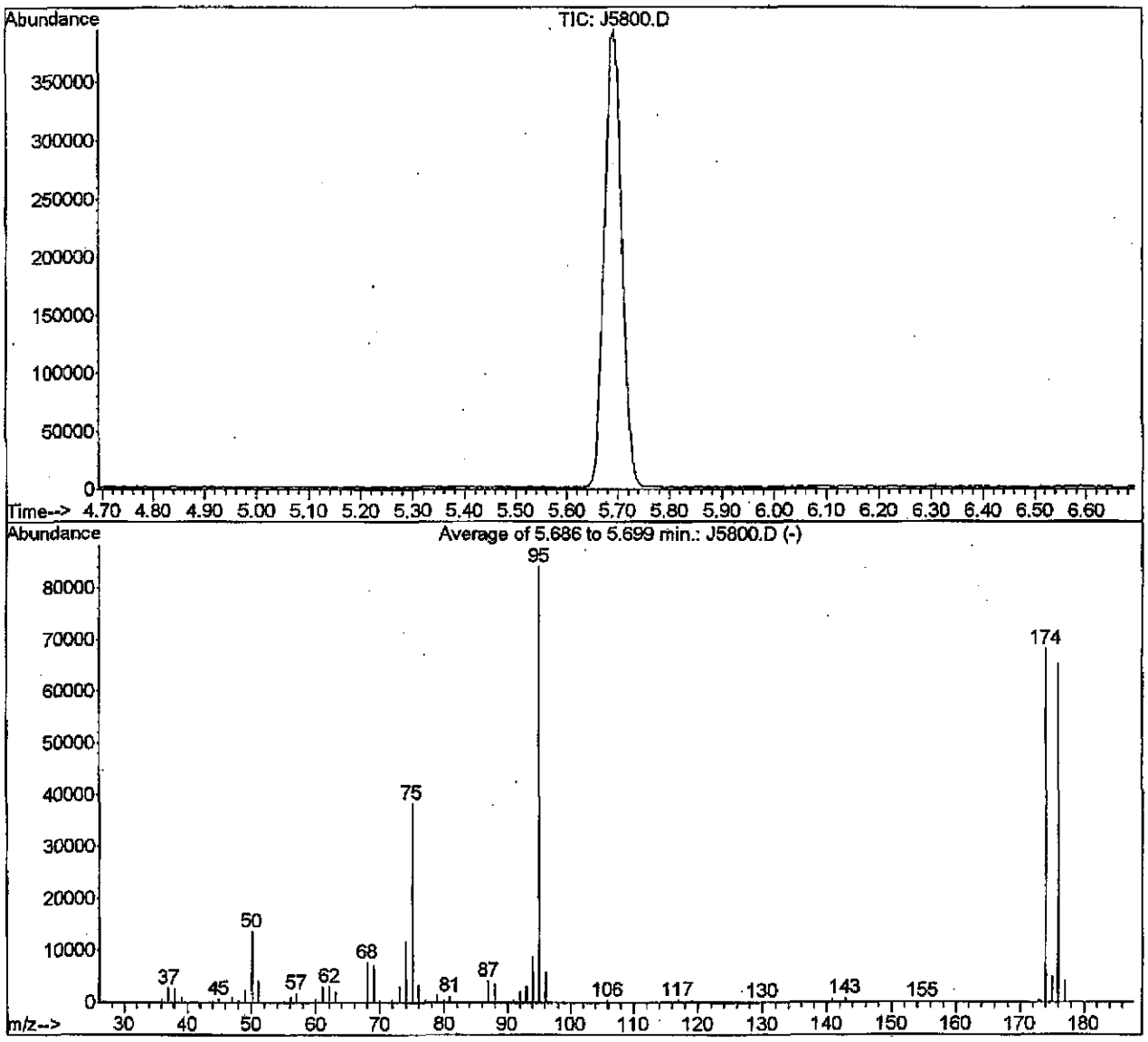
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	537	60.00	597	77.00	573	141.00	830
37.10	2979	61.00	2872	78.95	1379	142.85	890
38.10	2562	62.05	3407	81.00	1333	172.95	673
39.10	1317	63.05	2586	87.00	4231	174.00	67906
45.05	574	68.00	7163	88.00	3758	174.95	4704
47.05	1159	69.05	6720	92.00	2266	176.00	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

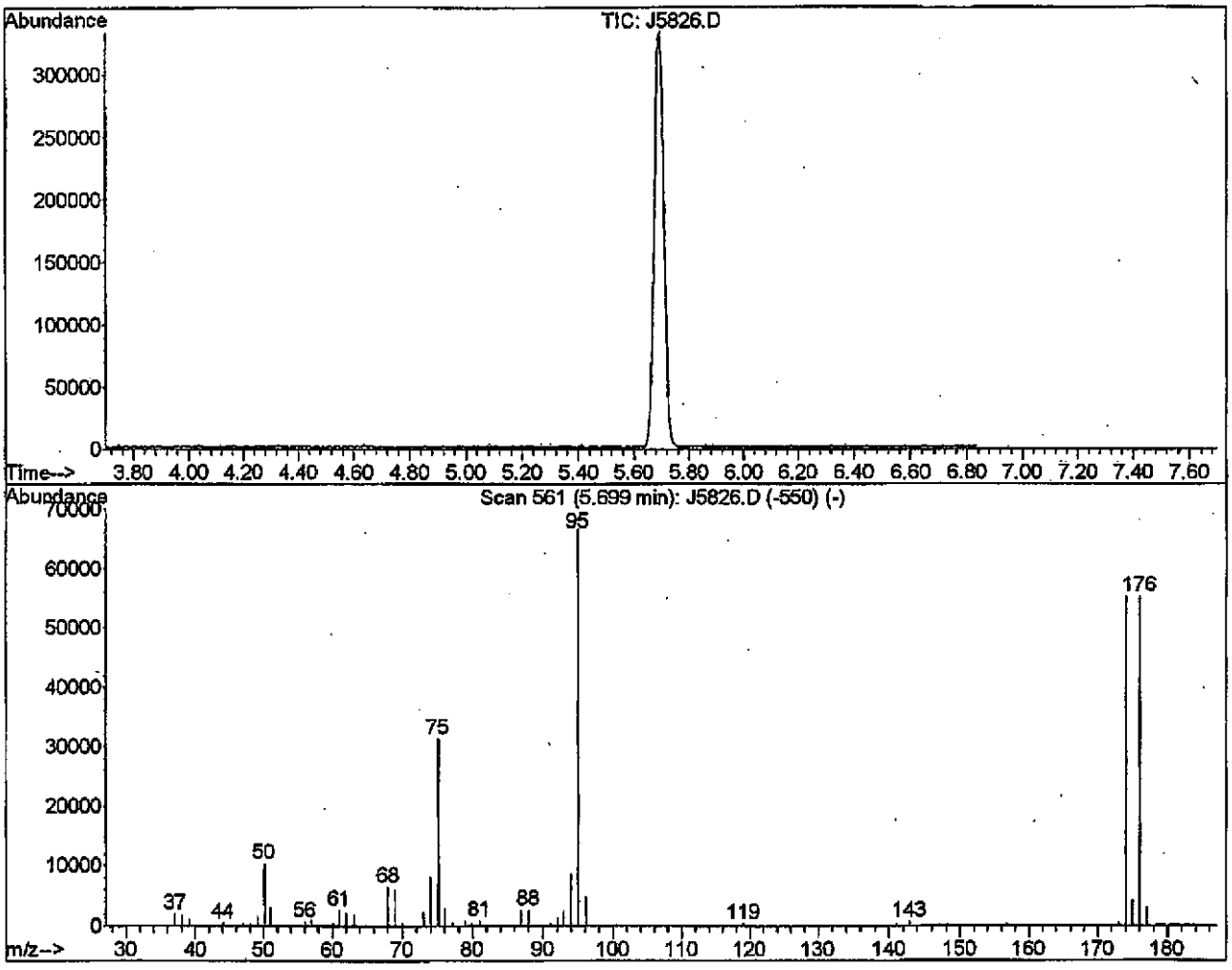
Average of 5.686 to 5.699 min.: J5800.D
T002985-TUN1
Modified:subtracted

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

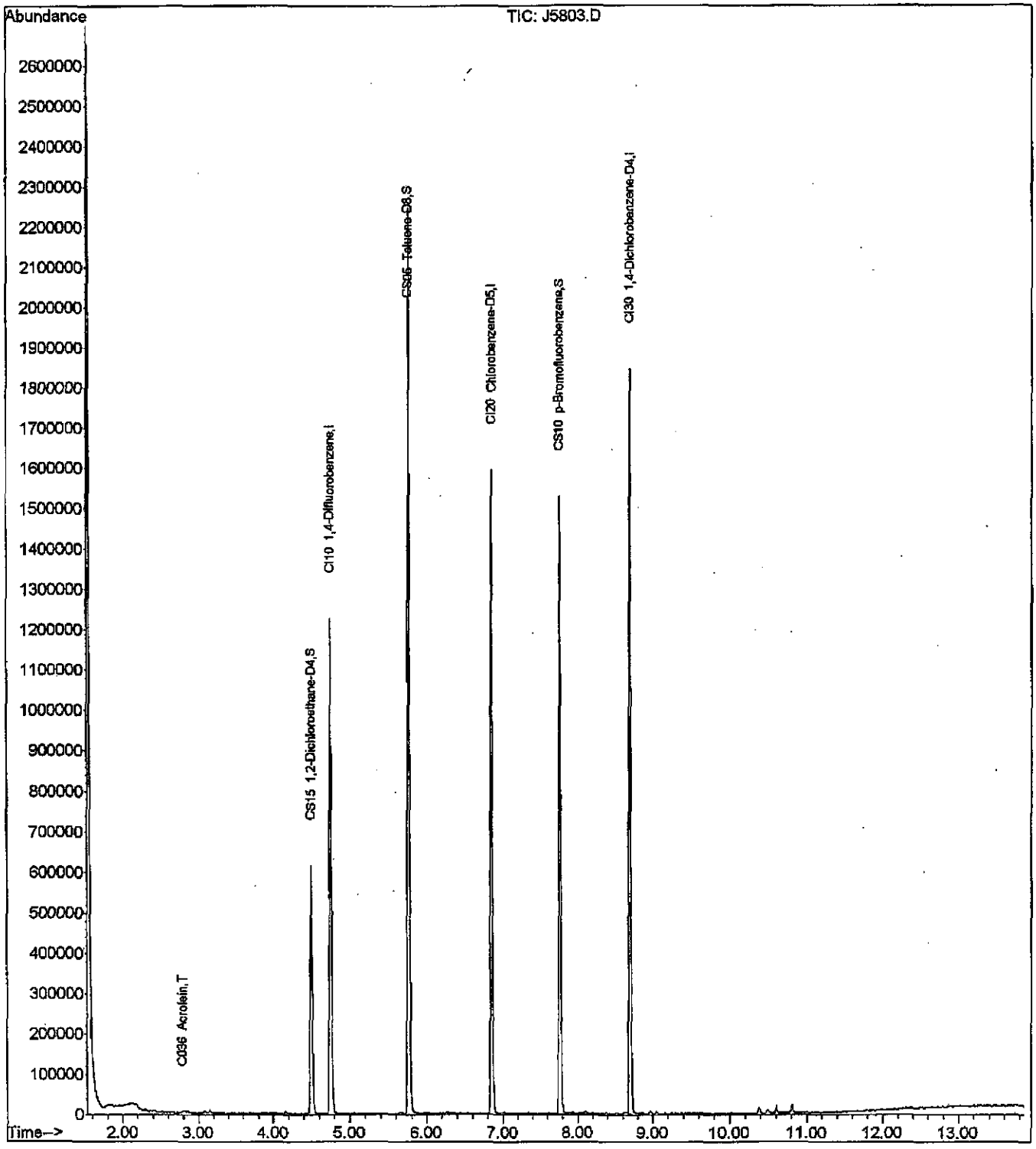
Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
41)	C145	cis-1,3-Dichloropr	5.58	75	94	N.D.	
44)	C230	Toluene	5.81	92	1845	N.D.	
45)	C170	trans-1,3-Dichloro	5.98	75	114	N.D.	
46)	C284	Ethyl Methacrylate	5.99	69	292	N.D.	
47)	C160	1,1,2-Trichloroeth	6.17	83	87	N.D.	
48)	C210	4-Methyl-2-pentano	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.	

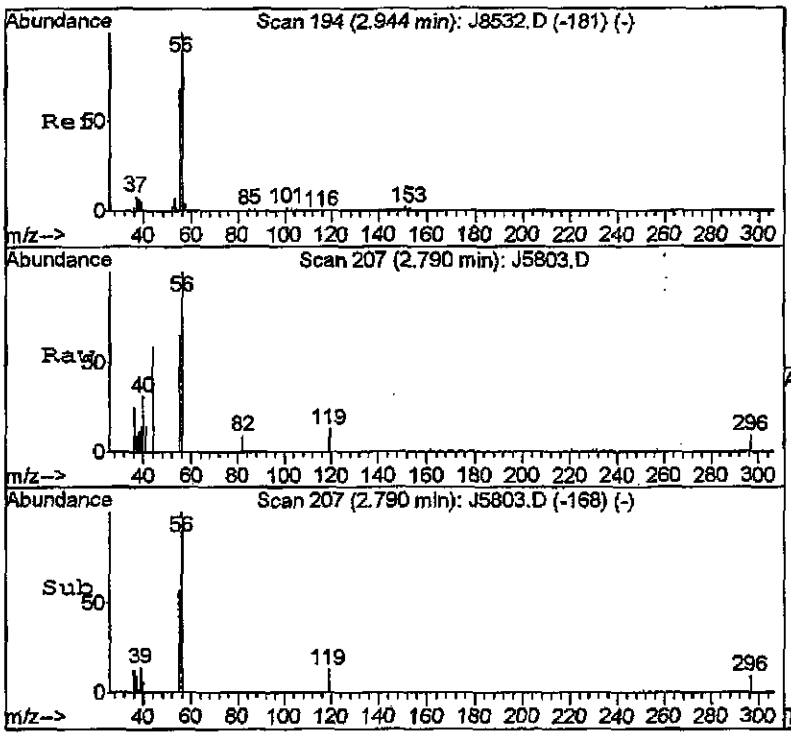
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

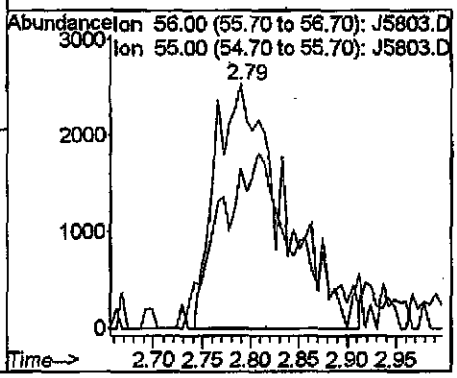




#11
C036 Acrolein
Concen: 12.37 ug/L
RT: 2.79 min Scan# 207
Delta R.T. 0.04 min
Lab File: J5803.D
Acq: 6 Jul 2010 15:33

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.	

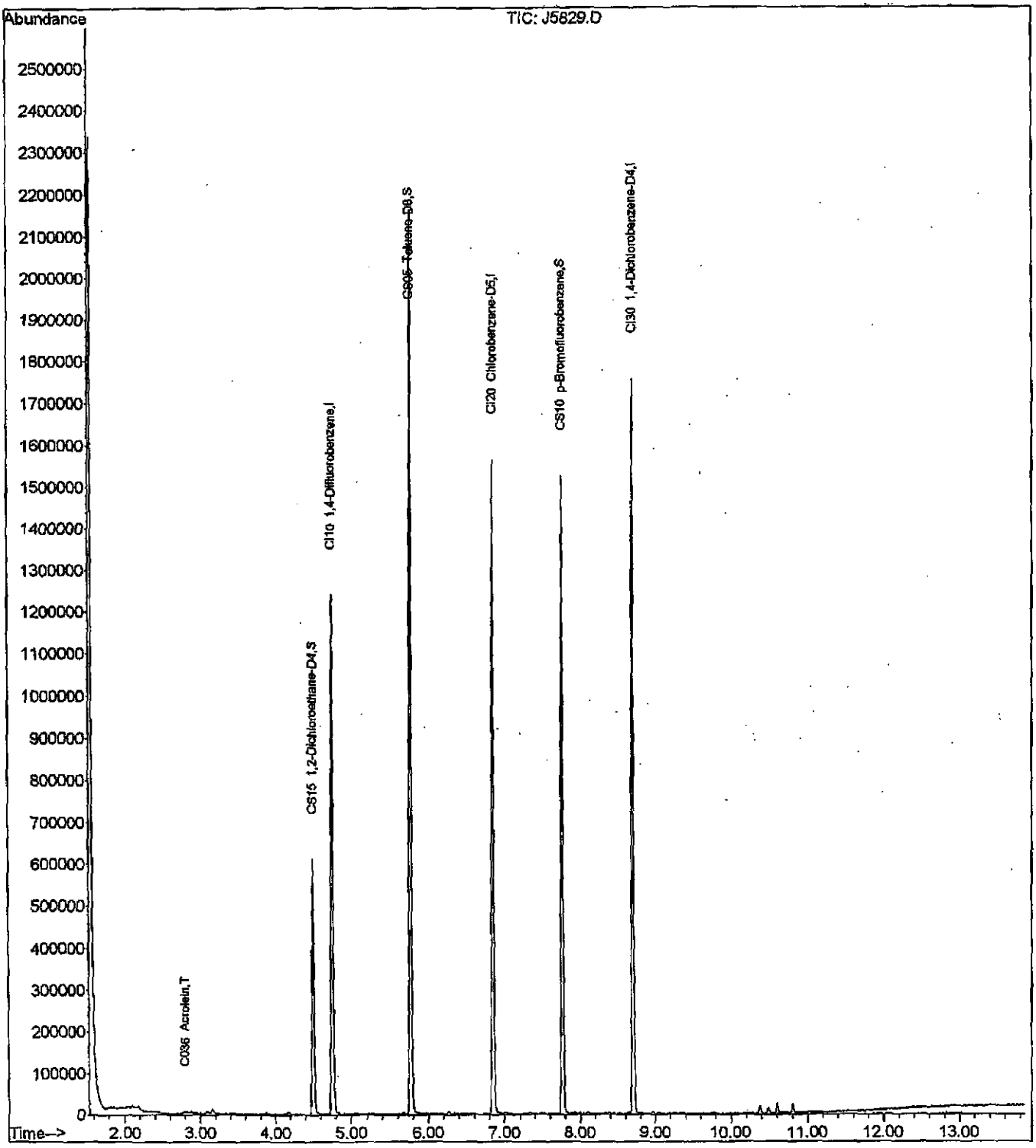
(#) = qualifier out of range (m) = manual integration (+) = signals summed

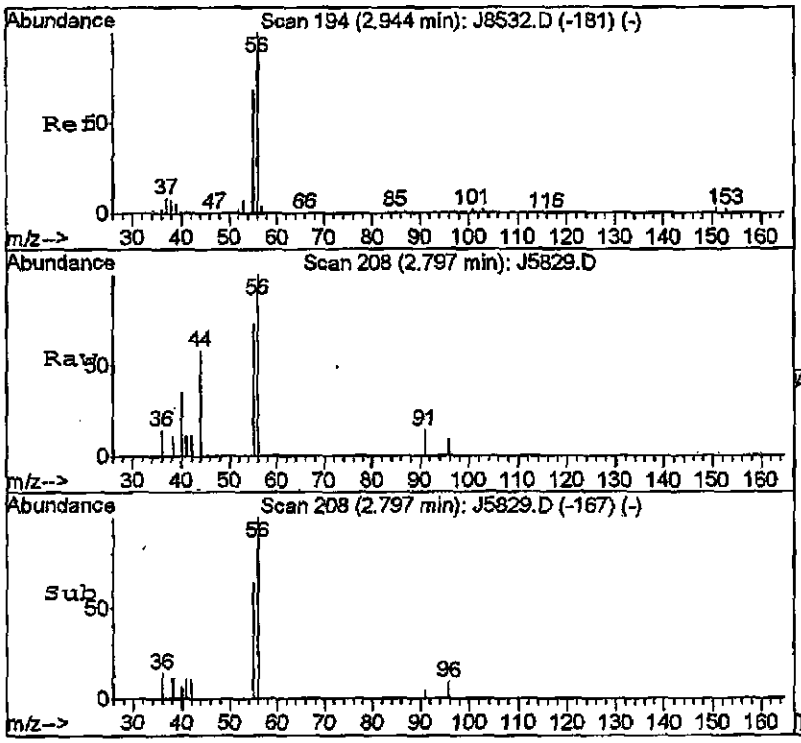
7/12/2010

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

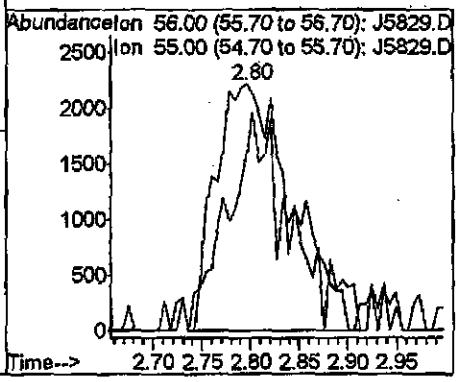




#11
C036 Acrolein
Concen: 11.82 ug/L
RT: 2.80 min Scan# 208
Delta R.T. 0.05 min
Lab File: J5829.D
Acq: 7 Jul 2010 10:14

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

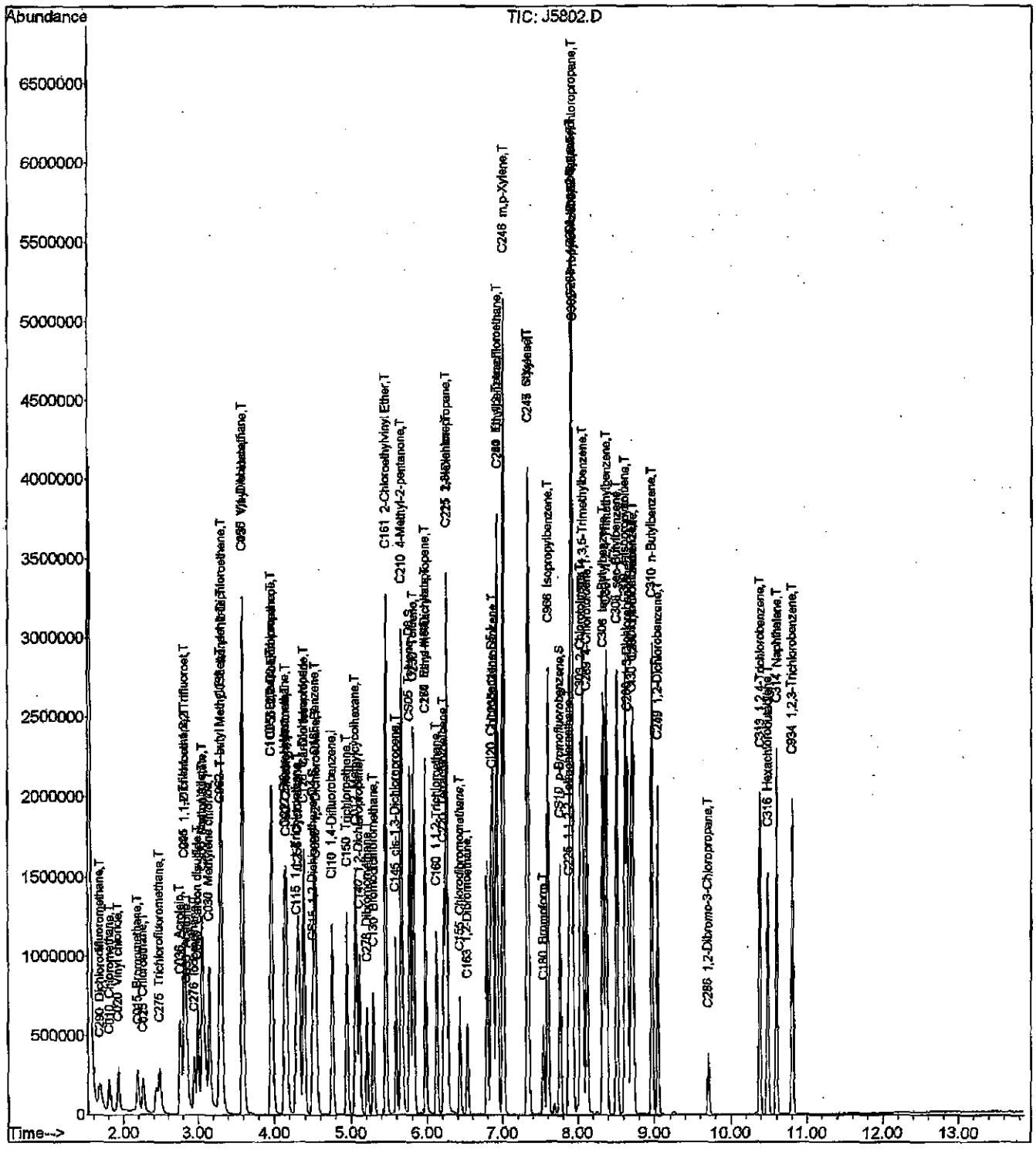
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

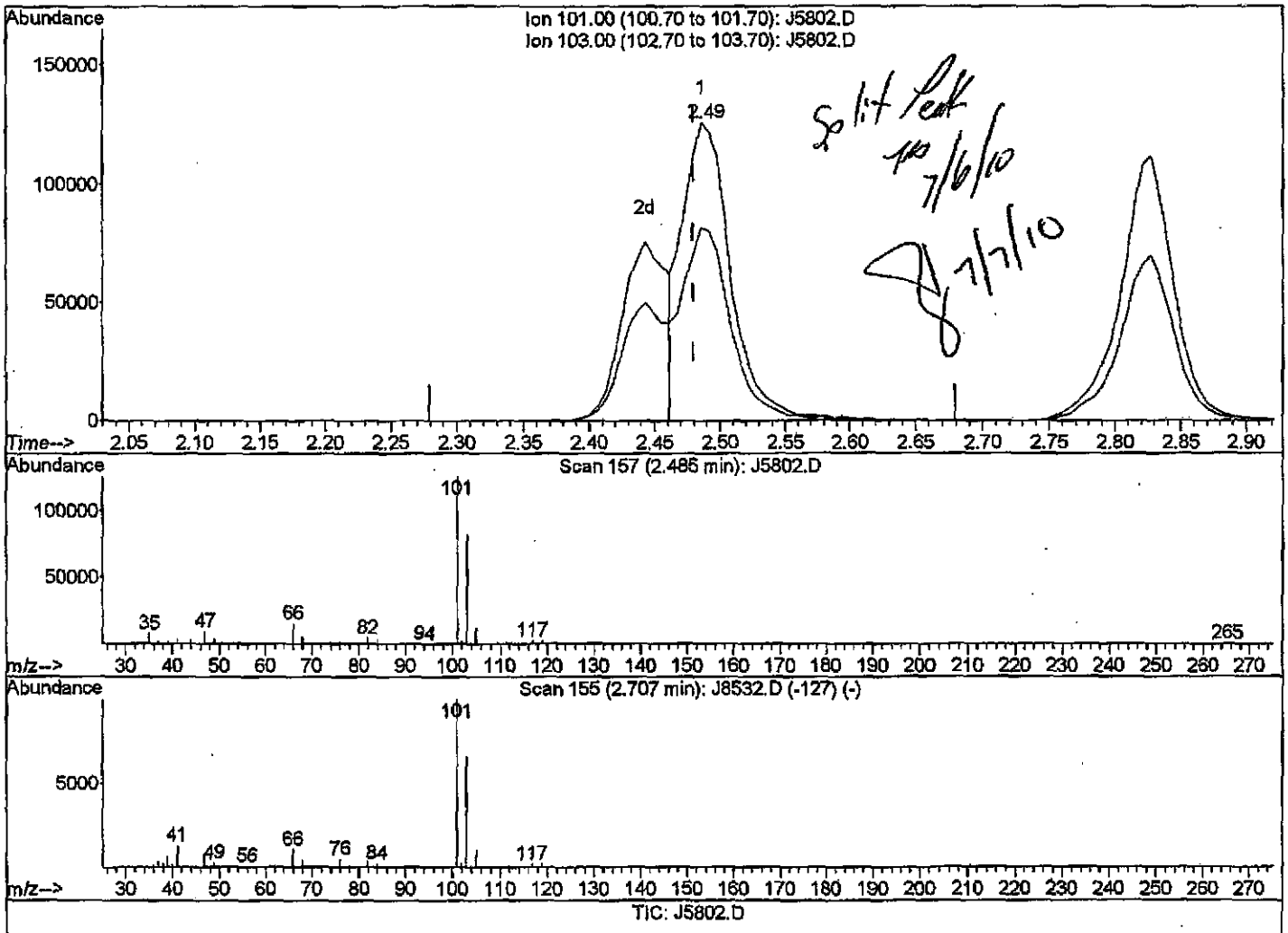
Quant Time: Jul 06 15:27:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Tue Jul 06 15:24:43 2010
Response via : Initial Calibration



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

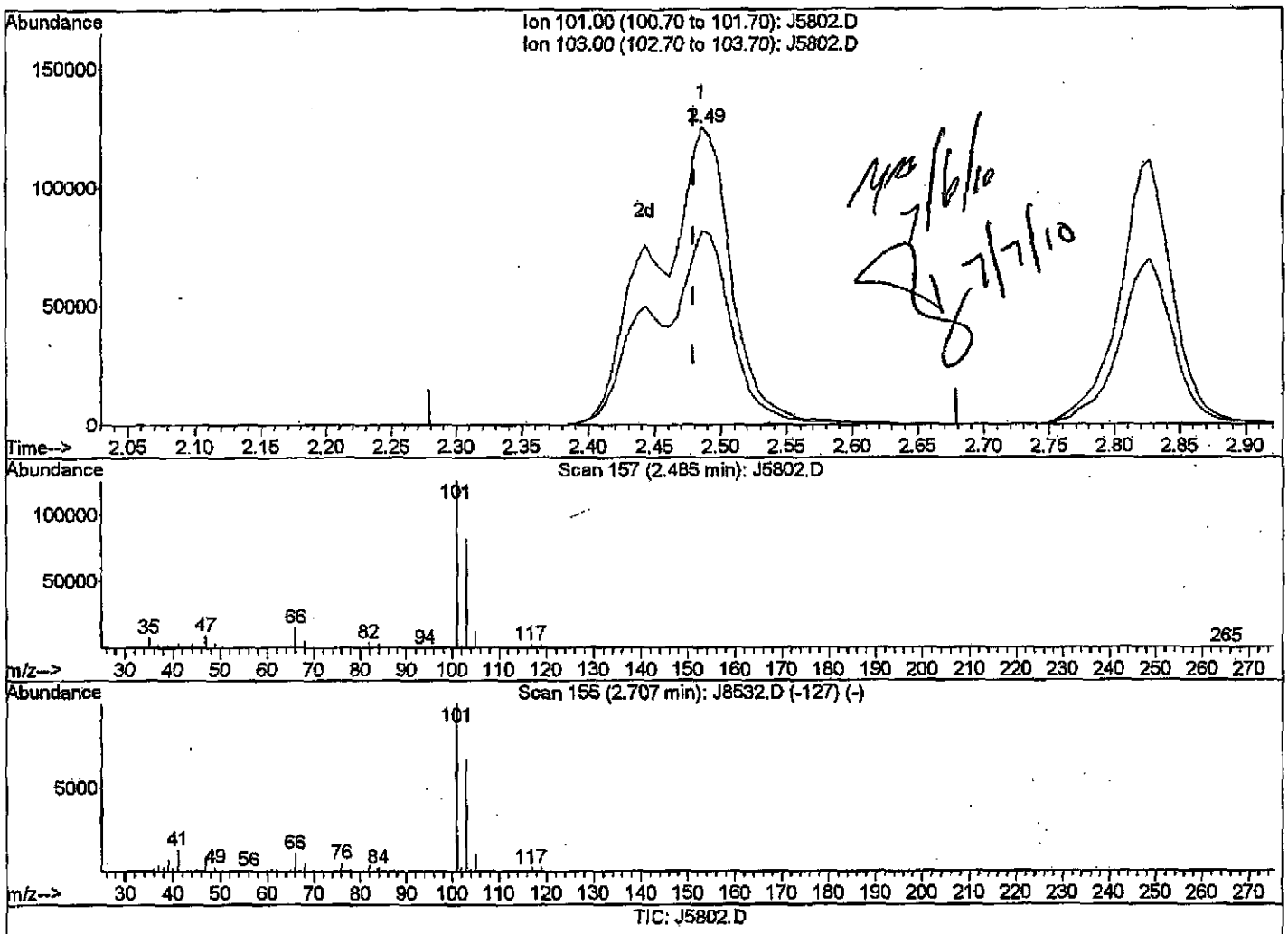
response 324228

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

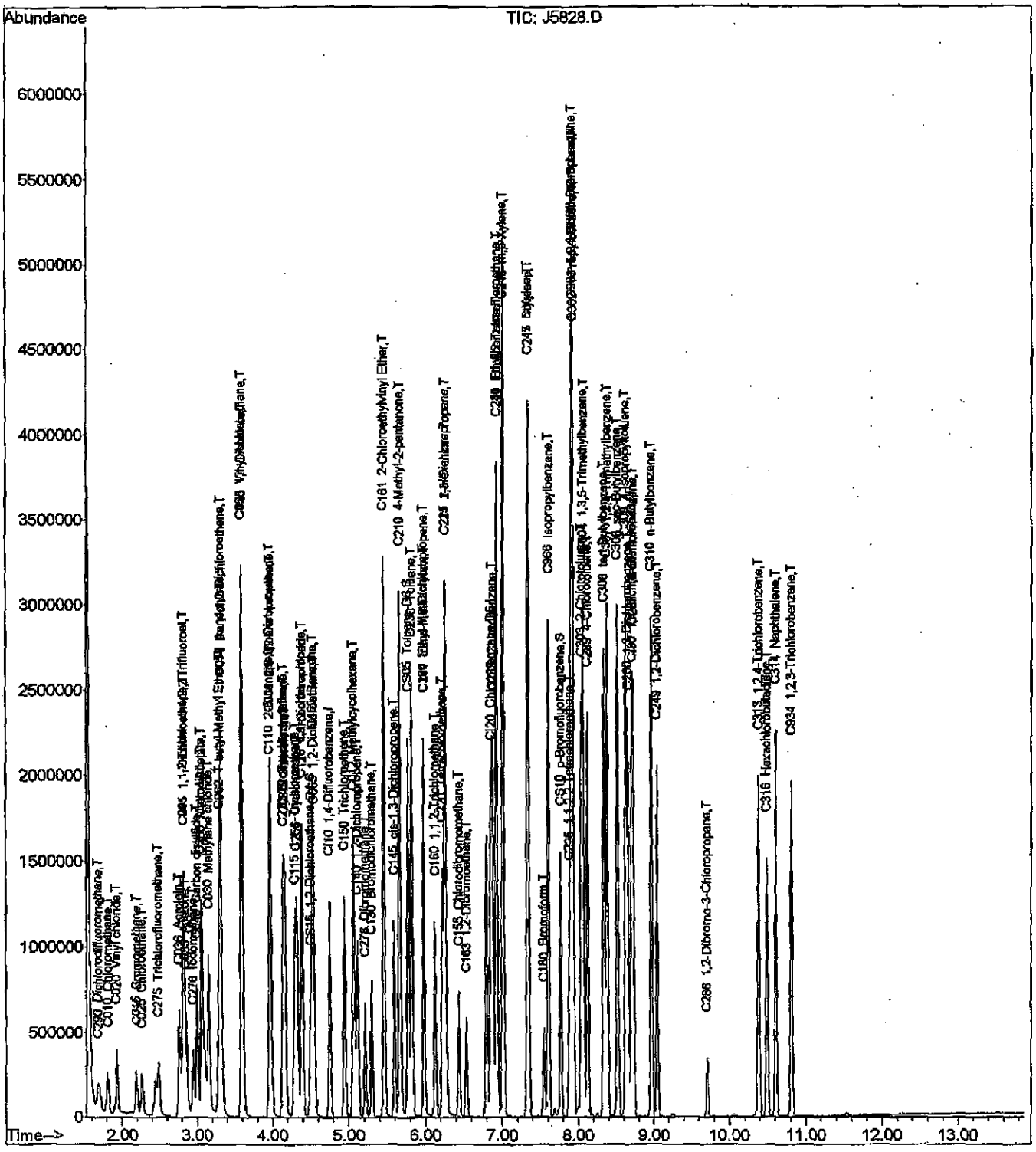
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

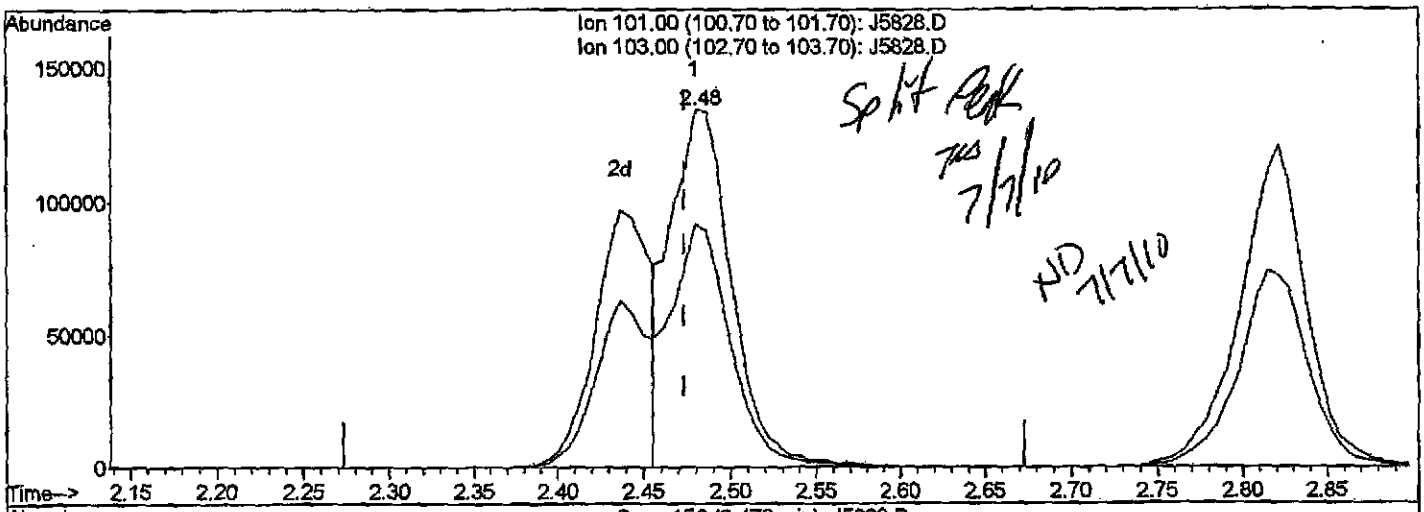
Quant Time: Jul 07 10:10:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 09:59:11 2010
Response via : Initial Calibration



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

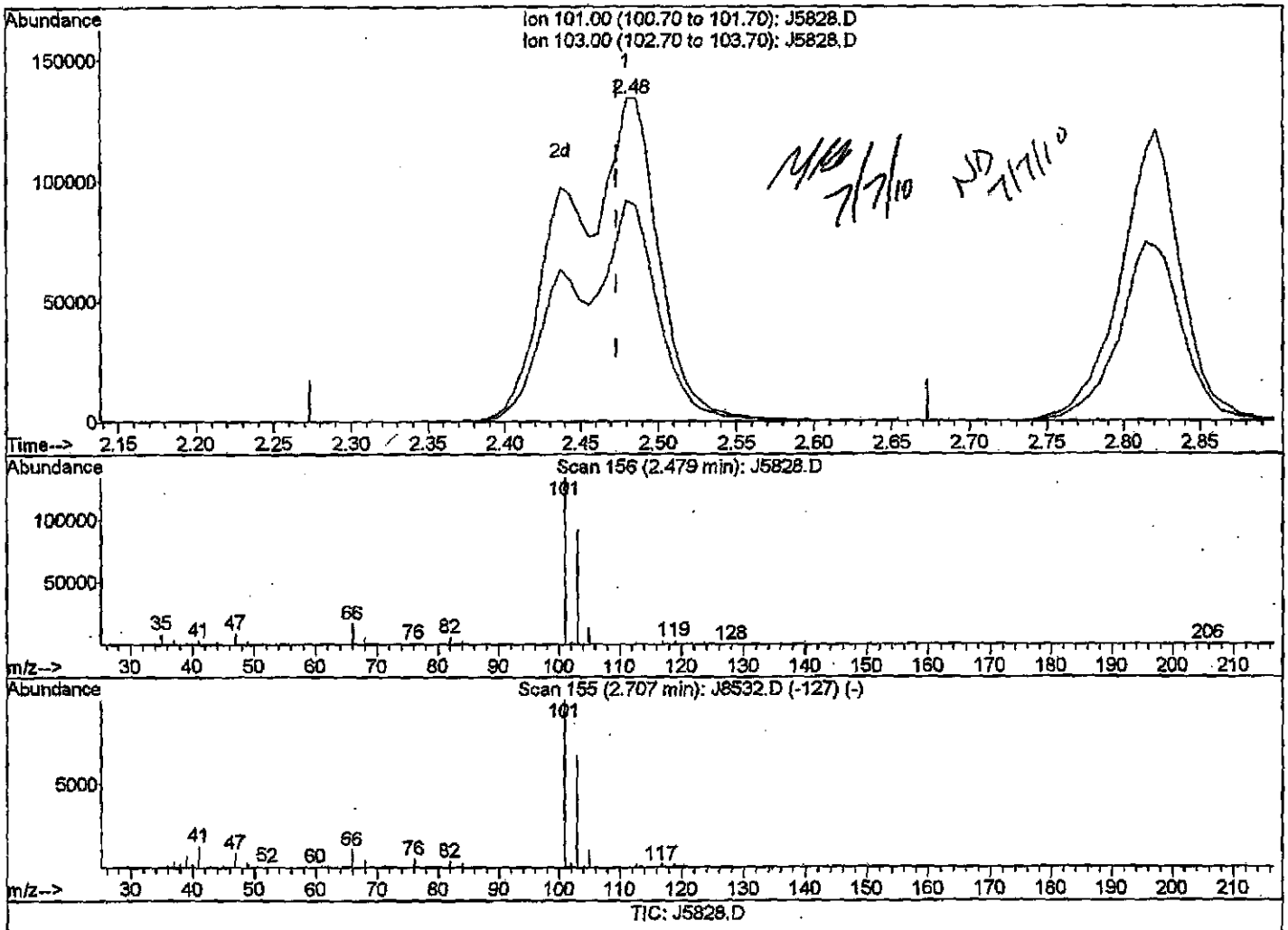
response 328919

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

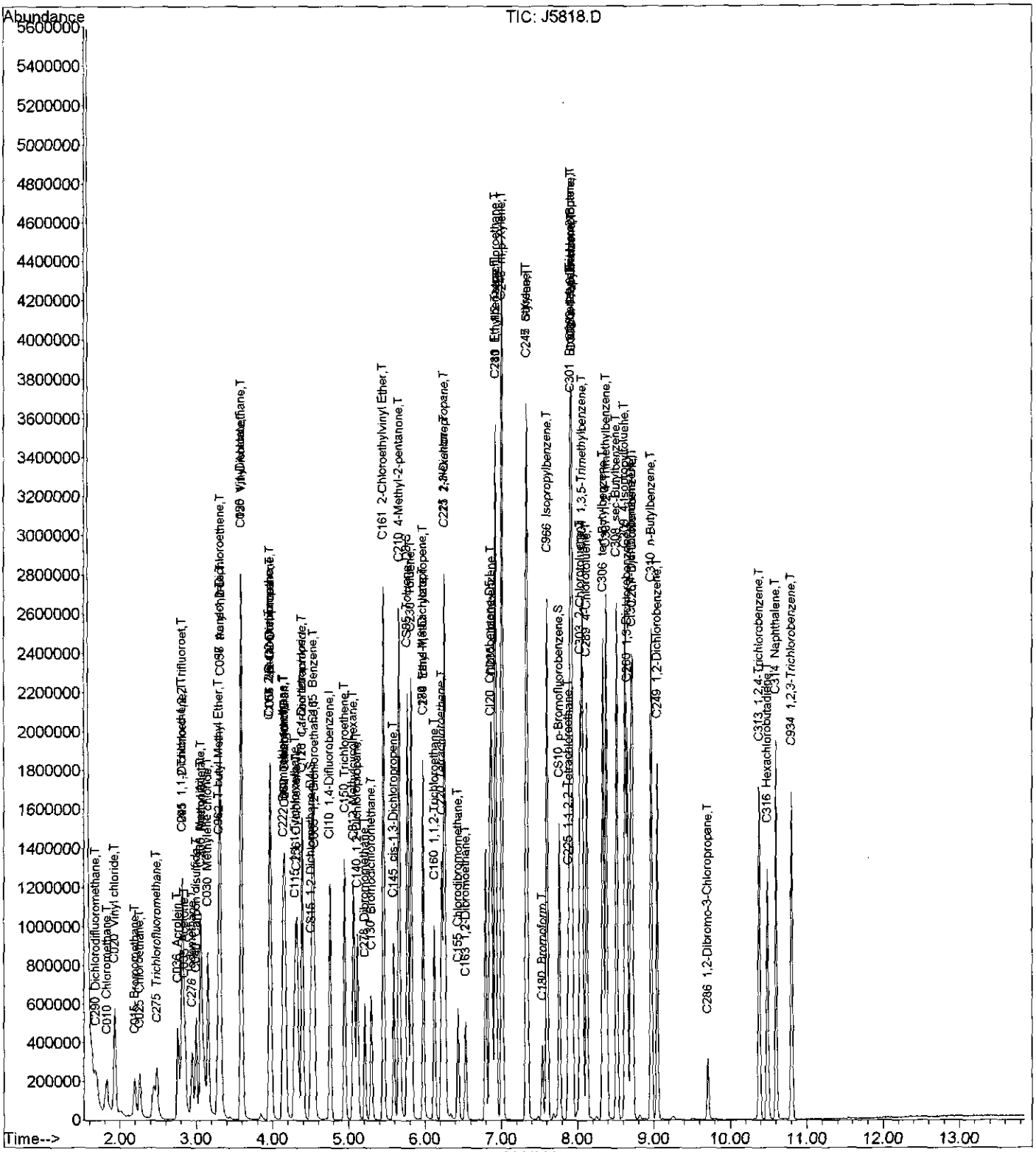
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

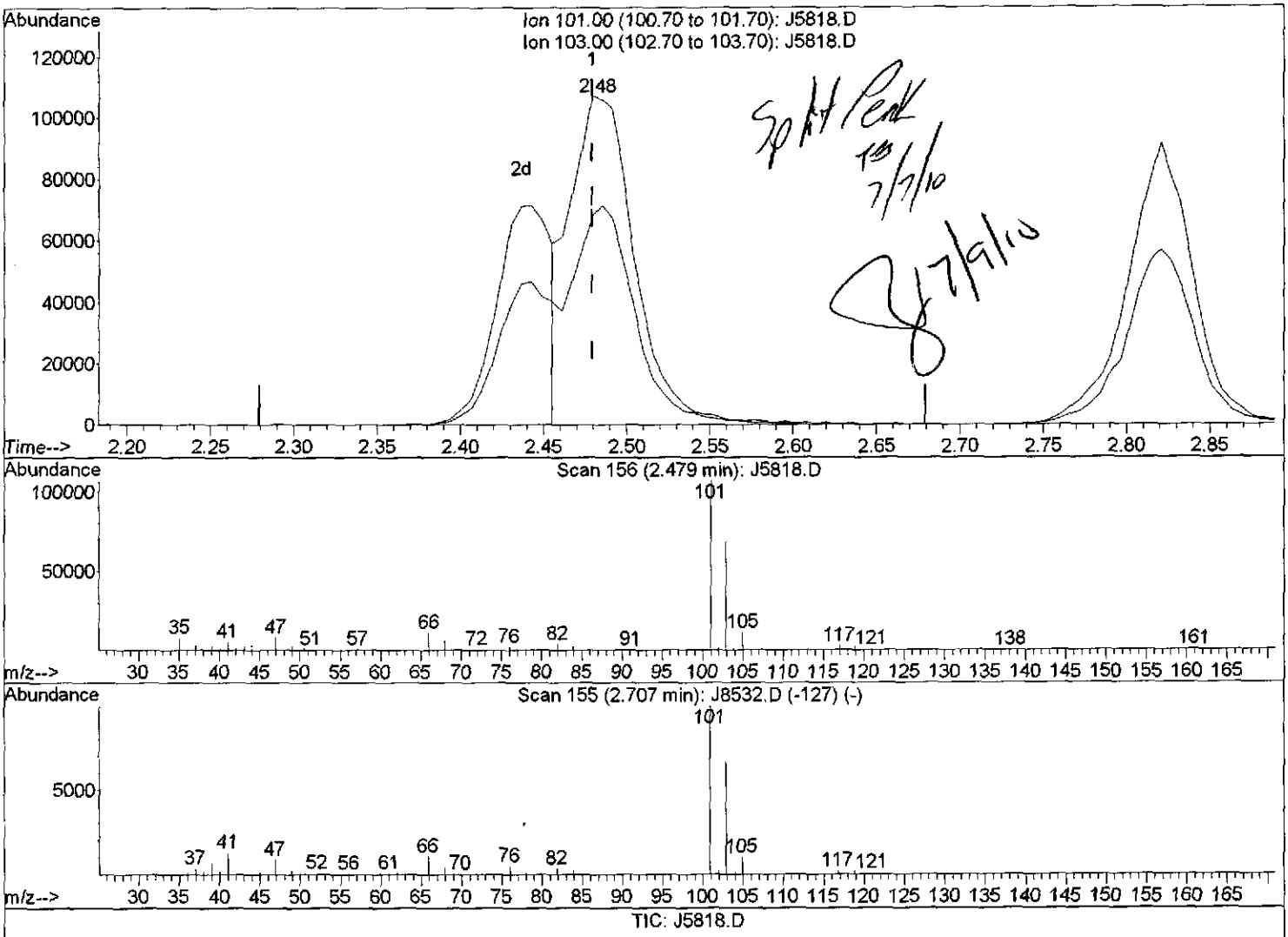
Quant Time: Jul 07 08:38:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title : 8260 5ML WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration



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

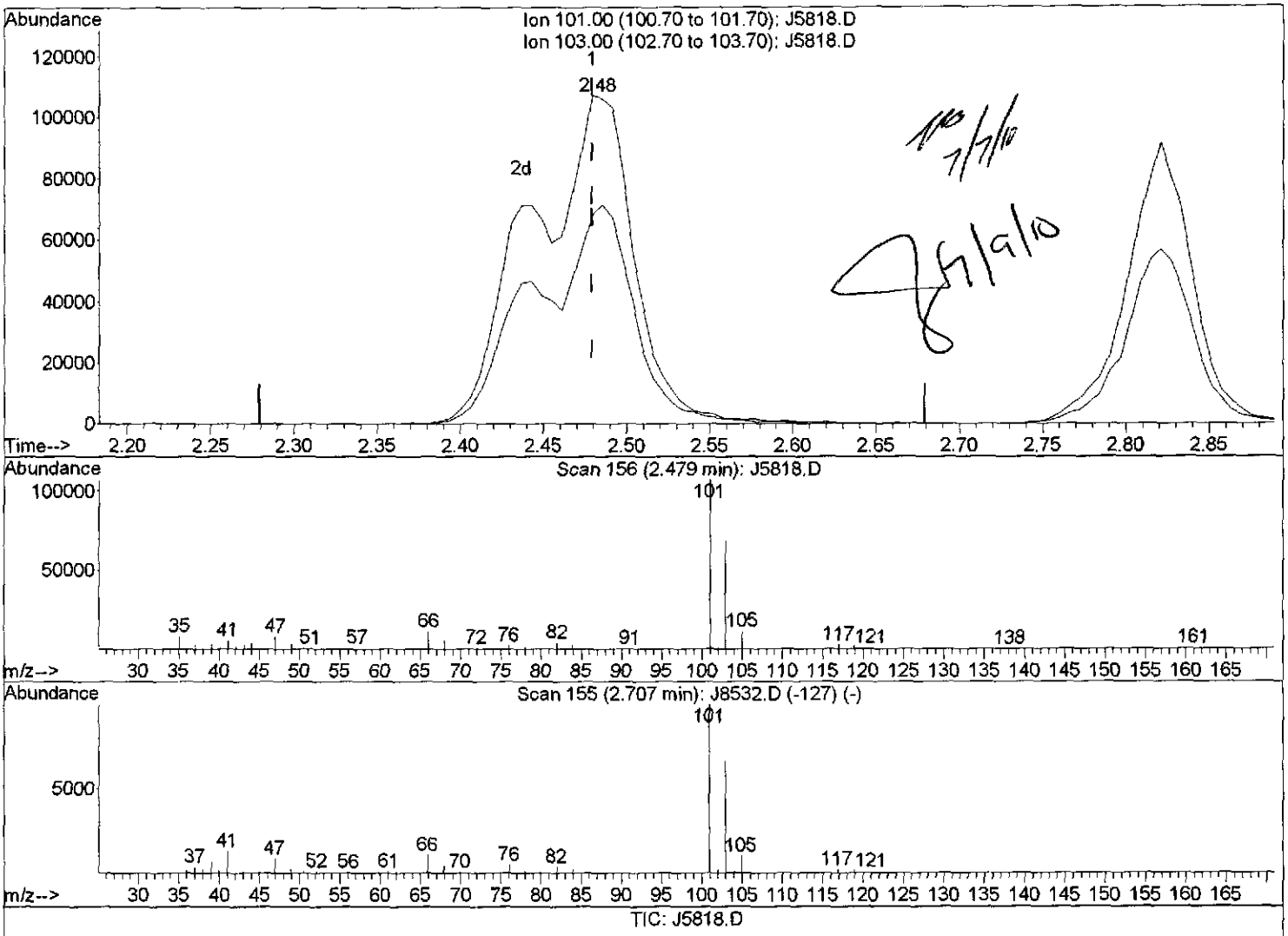
response 291499

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

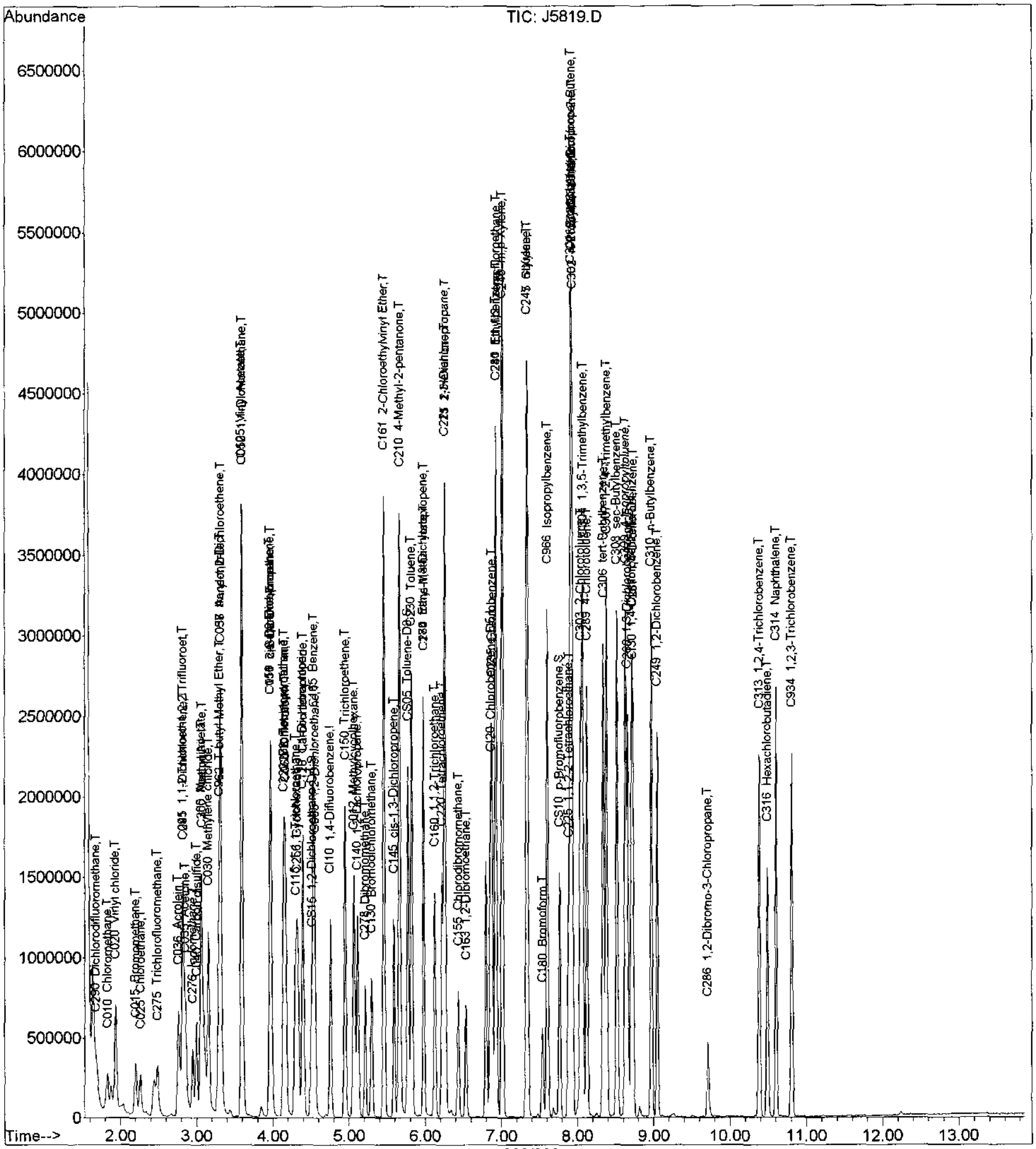
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
41) C145	cis-1,3-Dichloroprop	5.59	75	671473	27.07	ug/L		93
44) C230	Toluene	5.82	92	1175269	28.01	ug/L		97
45) C170	trans-1,3-Dichloropr	5.98	75	636330	27.28	ug/L		91
46) C284	Ethyl Methacrylate	5.98	69	689264	30.77	ug/L	#	73
47) C160	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)

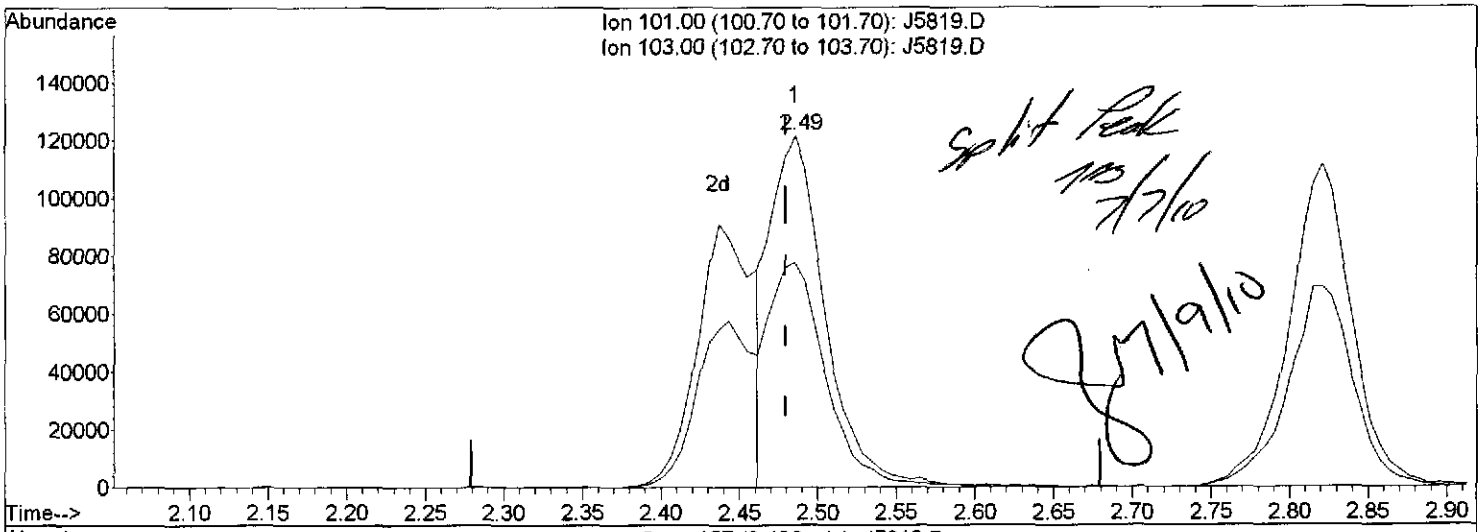
```
Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On    :  6 Jul 2010  21:27
Operator  : TRB
Sample    : 10G0253-MSD1
Misc      : RTG0521-14SD
ALS Vial  : 28   Sample Multiplier: 1

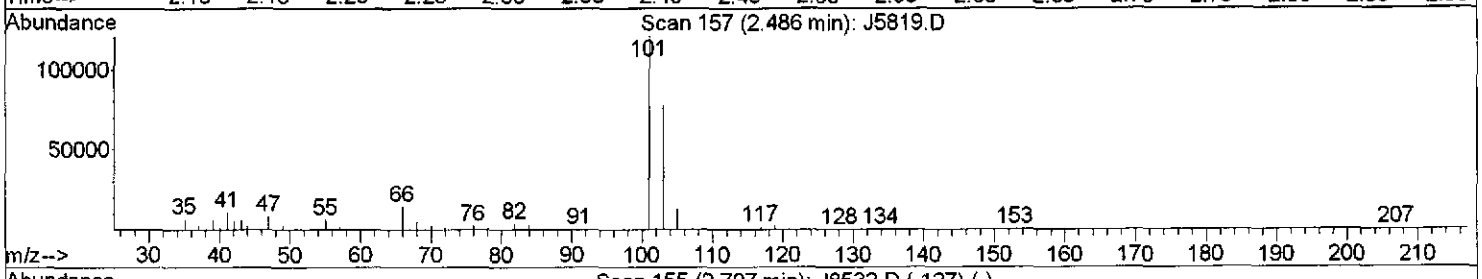
Quant Time: Jul 07 08:38:52 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260\R10G020.M
Quant Title  : 8260  5ML  WATER
QLast Update : Wed Jul 07 08:35:56 2010
Response via : Initial Calibration
```

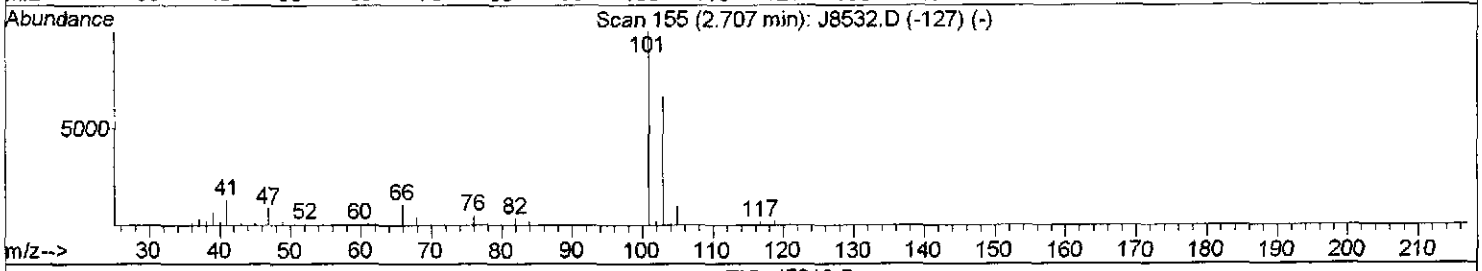


Data Path : H:\GCMS_VOA\J\070610\
Data File : J5819.D
Acq On : 6 Jul 2010 21:27
Operator : TRB
Sample : 10G0253-MSD1
Misc : RTG0521-14SD
ALS Vial : 28 Sample Multiplier: 1

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

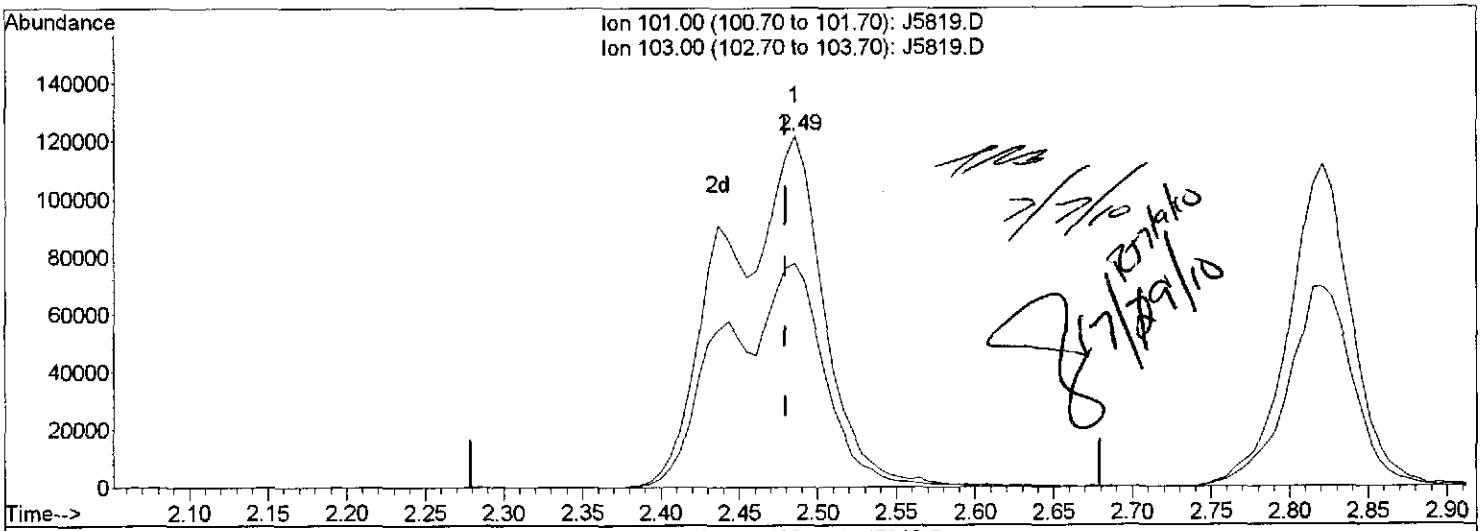
response 299104

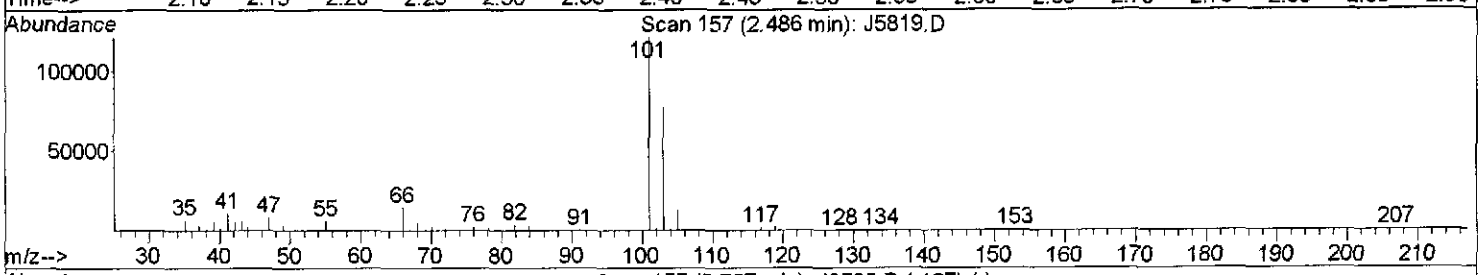
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.77
0.00	0.00	0.00
0.00	0.00	0.00

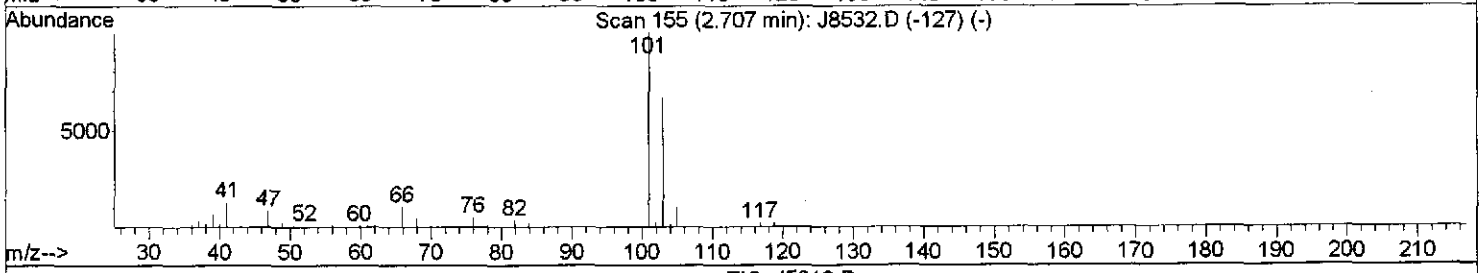
Quantitation Report (Qedit)

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	T002921-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	1uL	—	—
	0856		J5765	CCV1		25mL		
	0919		J5766	CCV2				
	0942		J5767	10G0108-BS1				
	1006		J5768	BLK1				
	1030		J5769	RTF1523-05	RTF1523			1
	1053		J5770	06				1
	1117		J5771	07				1
	1140		J5772	01				1
	1204		J5773	02				1
	1228		J5774	03				1
	1252		J5775	04				1
	1316		J5776	08				1
	1339		J5777	09				1
	1403		J5778	[illegible]				2
	1554		J5779	RTG0454-01	RTG0454			1
	1617		J5780	02				1
	1640		J5781	03				1
	1704		J5782	04				1
	1727	RJ	J5783	10G0155-BS1	RJ DES			—
	1750		J5784	BS2				
	1817		J5785	BS3				
	1837		J5786	BS4				
	1900	CDL	J5787	10G0161-BS1	CDL CODE			
	1923		J5788	-BS2				
	1946		J5789	-BS3				
	2009		J5790	-BS4				
7/6/10	1013	MB	J5791	T002973-TUNE	ICAL	1uL	—	—
	1133		J5792	CAL1		5mL		
	1155		J5793	CAL2				
	1217		J5794	CAL3				
	1240		J5795	CAL4				

REVIEWED BY________ PAGE

GC/MS VOLATILE INJECTION LOG
Logbook # A10-02-12
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
RT08347	RT08337/RT08339		—	
RT08332 = RT08353				
RT08354				
RT08355				
RT08356				
RT08357				
RT07814	RT08337/RT08339		—	Pass
RT08352				R10G001 (SRY 25mL)
RT08358				R10G001/ADD (ADD 25mL)
RT08370				
		Y	✓	RF REI 2x
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
RT08370			—	
RT07814	—		—	Pass
RT08333, RT07576 = RT08485	RT08480/RT08482			+ Not Used
RT08486				
RT08487				R10G020
RT08488				8260 5mL

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Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
/10	1301	RG	J5796	T002973 - CAL 5	ICAL	5mL		
	1327		J5797	IBLK				
	1349		J5798	CAL1				
	1417		J5799	SCV1	QC			
/10	1437	RG	J5800	T002985 - TUN1	QC	1uL		
	1449		J5801	CCV1		5mL		
	1511		J5802	10G0253 - BS1				
	1533		J5803	BLK1				
	1558		J5804	RTG0521-01	RTG0521			1
	1620		J5805	02				1
	~~1704~~		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 (1415)				1
	2127		J5819	MSD1 (1415)				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		J5826	T002997 - TUN1	QC	1uL		
	0929		J5827	CCV1		5mL		
	0951		J5828	10G0303 - BS1				
	1014		J5829	BLK1				
	1041		J5830	RTG0415-03 REI	RTG0415			10
	1103		J5831	RTG0521-01 REI	RTG0521			2
	1136		J5832	RTG0416-01	RTG0416			1
	1148		J5833	02				1

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STD #	IS/SS MIX #	ReRun?	pH <2	Comments
RT08482	RT08480/RT08482			
—				
RT08485				
RT07167, RT07146, RT08365= RT08492				
RT07814				Pass
RT08490	RT08480/RT08482			R106020 (8260 5mL)
RT08491				
		Y	7	RE REI 2X
			7	
			7	
			7	
			7	
			✓	
			7	
			✓	
			7	
			7	
			7	
			✓	
			7	
			7	
RT08491			7	
			7	
			✓	
			✓	
			✓	
			✓	
		Y	✓	RE REI 10X
			✓	
RT07814				Pass
RT08490	RT08480/RT08482			R106020 (8260 5mL)
RT08491				
			X	
			<7	
			X	
			X	

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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)

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