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ENVIRONMENT

Peter S. Ouderkirk, P.E.
Project Manager
New York State Department of Environmental Conservation
Dulles State Office Building
317 Washington Street
Watertown, NY 13601-3787

Subject:
Groundwater Sampling Results, West Lot Site, Utica, New York (Site No. 6-33-036)

Date:
9 December 2009

Contact:
Jeffrey Bonsteel

Phone:
Ext. 19

Email:
jeffrey.bonsteel@arcadis-us.com

Our reference:
NJ001007.0001

Dear Mr. Ouderkirk:

On behalf of Lockheed Martin Corporation (Lockheed Martin), and as previously discussed with the New York State Department of Environmental Conservation (NYSDEC), ARCADIS has completed an additional round of supplemental groundwater sampling for the former General Electric (GE) West Lot Site [Site No. 6-33-036 (West Lot Site, or Site)]. This Site is part of the former Lockheed Martin French Road Facility located at 525 French Road in Utica, New York (see Figure 1, "Site Location"). This letter report summarizes the results of recent groundwater sampling completed in association with Lockheed Martin's effort to achieve Site closure.

Summary of Completed Activities

During a July 7, 2009 conference call with Lockheed Martin, NYSDEC requested an additional round of supplemental groundwater sampling at the Site before submittal of a request for closure. Lockheed Martin completed that round of groundwater sampling in August 2009. Results of that August 24–25, 2009 sampling event are presented in Table 1. Laboratory analytical data from this sampling event are included in Appendix A.

These data were reported by the laboratory in accordance with NYSDEC "Analytical Services Protocol" (ASP) Category B/ U.S. Environmental Protection Agency (EPA/USEPA) Level IV data-deliverable requirements. A "Data Usability Summary Report" (DUSR) for these data is included in Appendix B. Results of the DUSR are included as annotations to Table 1. Figure 2 presents a Site plan.

ARCADIS transmitted a summary of preliminary data from the August 2009 sampling round to NYSDEC in a September 17, 2009 e-mail. Following review of those data and a determination by NYSDEC that volatile organic compound (VOC) concentrations were not sufficiently low for NYSDEC to grant Site closure with no restrictions, Lockheed Martin completed a second round of groundwater sampling to confirm the concentrations measured in the August 2009 groundwater samples. In an October 1, 2009 e-mail to NYSDEC, ARCADIS proposed the scope of work for this second round of supplemental groundwater sampling for VOCs, which included collecting groundwater samples from monitoring wells PW-1, MW-D, MW-E, MW-F, and MW-1(DOT). NYSDEC approved this scope in an October 2, 2009 e-mail.

Groundwater Sampling Results

On October 26, 2009, groundwater samples were collected and submitted to TestAmerica Laboratories of Amherst, New York for analysis for VOCs by USEPA Method 8260. Sampling results are presented in Table 1. Laboratory analytical data reported in accordance with NYSDEC ASP Category B/EPA Level IV data deliverable requirements for the October sampling event are presented in Appendix C. A DUSR of these data is included in Appendix D.

As in the August 2009 sampling results, site-related VOCs (including cis-1,2-dichloroethene, trichloroethene, 1,1,1-trichloroethane, and vinyl chloride) were detected in one or more monitoring wells during the October 2009 sampling at concentrations greater than NYSDEC guidance values. The one exception was monitoring well PW-1, which is the former groundwater extraction well for the West Lot Site and which continues to show concentrations that are less than NYSDEC criteria and guidance values. The data indicate that the concentrations initially noted in the August 2009 sampling round have persisted for a second round at similar concentrations. Lockheed Martin understands that these concentrations may preclude closure-with-no-restrictions for the West Lot Site. With this understanding, Lockheed Martin is considering response actions to reduce the observed concentrations.

Future Activities

Although the October 1, 2009 e-mail to NYSDEC indicates that a quarterly groundwater monitoring program would be implemented should the results of the October 2009 sampling round show concentrations of VOCs higher than recent historical results, Lockheed Martin proposes to evaluate potential

additional response actions to expedite reduction of these VOC concentrations and continue to move the Site toward closure. If NYSDEC agrees with this proposal, Lockheed Martin, after an initial evaluation of potential response actions, will prepare a work plan (subject to NYSDEC review and approval) outlining the additional response actions to be taken. Should you have any immediate concerns or questions, feel free to contact the undersigned.

Sincerely,

ARCADIS of New York, Inc.

Jeffrey J. Bonsteel
Project Scientist

Christopher J. Motta, CPG
Project Manager

ATTACHMENTS

Table 1— Volatile Organic Compounds in Groundwater Samples

Figure 1— Site Location

Figure 2— Site Plan

Appendix A— Laboratory Analytical Data (August 2009 Sampling)

Appendix B— Data Usability Summary Report (August 2009 Sampling)

Appendix C— Laboratory Analytical Data (October 2009 Sampling)

Appendix D— Data Usability Summary Report (October 2009 Sampling)

Copies:

Greg Rys— NYSDOH, Herkimer

Tom Blackman— Lockheed Martin

References

ARCADIS 1999. *Soil Removal Report*, West Lot Site, Utica, NY, November 1999.

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

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

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

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Table 1. Volatile Organic Compounds in Groundwater Samples. West Lot Site, Former Lockheed Martin French Road Property, Utica, New York

Constituent	NYSDEC TOGS 1.1.1 Water	MW-B 08/24/09	MW-C 08/24/09	MW-D 08/25/09	MW-D 10/26/09	MW-E 08/24/09	MW-E 10/26/09	MW-F 08/24/09	MW-F 10/26/09	PW-1 08/24/09	PW-1 10/26/09
1,1,1-TRICHLOROETHANE	5	< 0.40	< 0.40	< 0.40	< 0.40	**10**	**7.1**	1.3	1.2	< 0.40	< 0.40
1,1-DICHLOROETHANE	5	< 0.75	< 0.75	< 0.75	< 0.75	4.4	2.5	< 0.75	< 0.75	< 0.75	< 0.75
1,2-DICHLOROBENZENE	3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.51
1,3-DICHLOROBENZENE	3	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
1,4-DICHLOROBENZENE	3	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
BENZENE	1	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
CHLOROBENZENE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
CHLOROETHANE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
CIS-1,2-DICHLOROETHENE	5	< 0.40	< 0.40	**48**	**56**	**14**	**9**	3.3	3.2	2.4	1.5
ETHYLBENZENE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
M-XYLENE & P-XYLENE	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-XYLENE	NS	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
TETRACHLOROETHENE	5	< 0.40	< 0.40	0.59	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
TOLUENE	5	5.0	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60
TRANS-1,2-DICHLOROETHENE	5	< 0.42	< 0.42	< 0.42	0.81	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
TRICHLOROETHENE	5	< 0.46	< 0.46	3.9	3.3	**26**	**23**	**35**	**30**	1.1	2.5
VINYL CHLORIDE	2	< 1.0	< 1.0	**15**	**18**	< 1.0	< 1.0	< 1.0	0.54 J	< 1.0	< 1.0
XYLENES, TOTAL	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

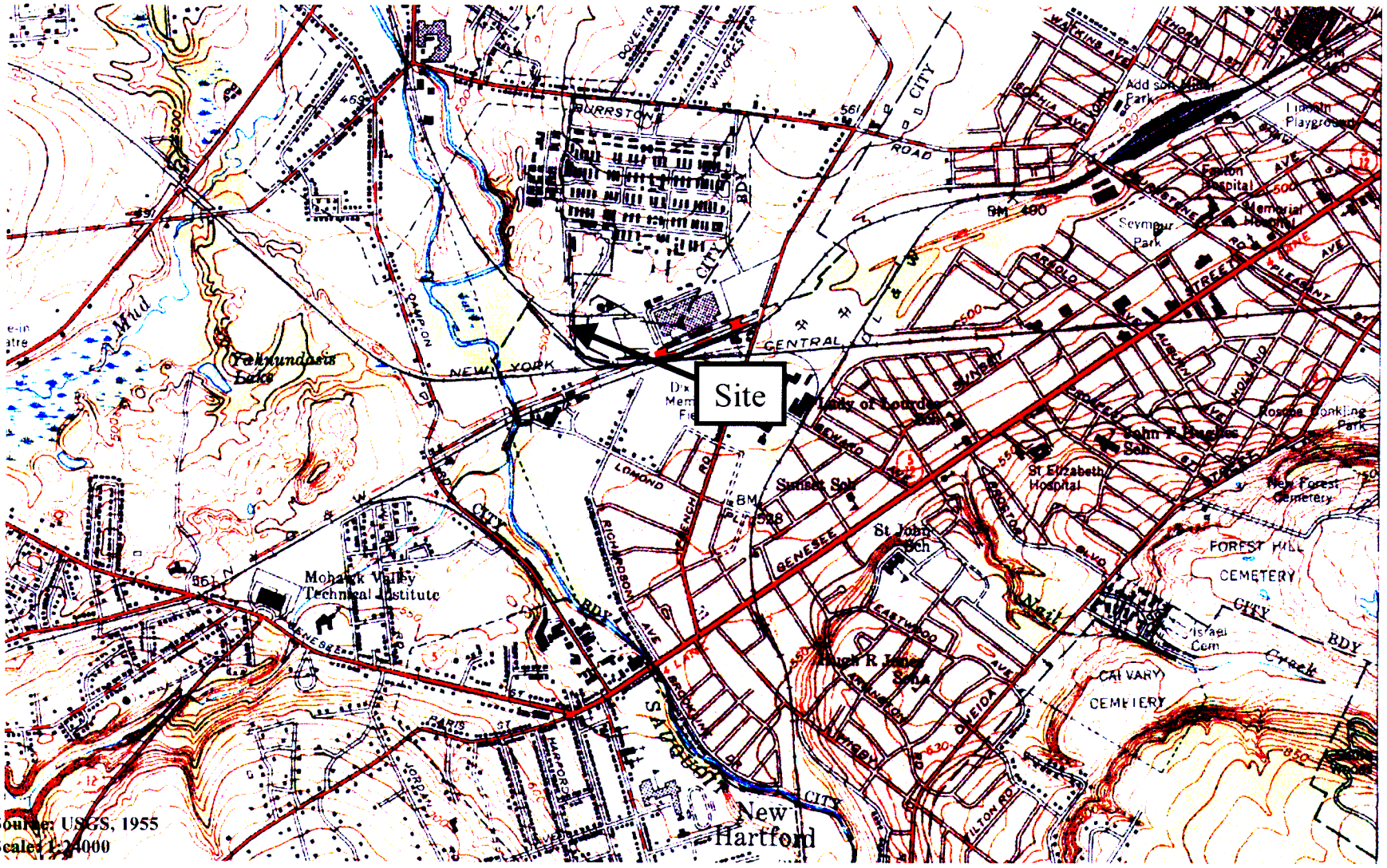
Notes:
All units are ug/L unless otherwise noted
Data compared to TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values
NS - No Standard
Exceedences noted in **bold** and highlighted.
J - Estimated Value

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Table 1. Volatile Organic Compounds in Groundwater Samples, West Lot Site, Former Lockheed Martin French Road Property, Utica, New York

Constituent	NYSDEC TOGS 1.1.1 Water	MW-1(DOT) 08/24/09	MW-1(DOT) 10/26/09	PZ-1 08/24/09	PZ-2 08/25/09	MW-1 08/24/09	MW-2 08/25/09	MW-3 08/24/09	MW-4 08/24/09	MW-5 08/24/09
1,1,1-TRICHLOROETHANE	5	0.51	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
1,1-DICHLOROETHANE	5	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75
1,2-DICHLOROBENZENE	3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-DICHLOROBENZENE	3	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
1,4-DICHLOROBENZENE	3	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
BENZENE	1	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
CHLOROBENZENE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
CHLOROETHANE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
CIS-1,2-DICHLOROETHENE	5	**8.0**	**7.9**	1.8	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
ETHYLBENZENE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
M-XYLENE & P-XYLENE	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-XYLENE	NS	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
TETRACHLOROETHENE	5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
TOLUENE	5	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60
TRANS-1,2-DICHLOROETHENE	5	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
TRICHLOROETHENE	5	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
VINYL CHLORIDE	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
XYLENES, TOTAL	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
All units are ug/L unless otherwise noted
Data compared to TOGS 1.1.1 Ambient Water Quality Standards and Gu
NS - No Standard
Exceedences noted in **bold** and highlighted.
J - Estimated Value



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Site Location

West Lot Site

UTICA, NEW YORK

PROJECT MANAGER	DRAWING NUMBER
C. Motta	
CHECKED BY	PROJECT NUMBER
J. Bonsteel	AY000265.0015
DATE DRAWN	FIGURE NUMBER
April 5, 2005	1



ArcGIS - ArcView 9.2

Source Notes:
Aerial taken in 2003 - Obtained from www.nysgis.state.ny.us
Coordinate System: NAD 1983 StatePlane,
New York Central, FIPS 3102

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Map Date:	File Name:	File Location:	Produced By:	Checked By:	Project Manager:
1/25/08	Fig2_LockheedMartin.mxd	G:\GIS\LM_Utica\ArcMap\2008\20080125_Fig2_LockheedMartin.mxd	R. McKinney	J. Bonsteel	M. Sanford
				Dept. Manager: M. Sanford	Geodatabase: Site Map
				Project Number: AY000265.0015	Figure: 2

Site Plan

Former GE West Lot and Solvent Dock Sites
Utica, Oneida County, New York

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Imagine the result

Lockheed Martin Corporation-
Utica, NY Site

Data Usability Summary Report

UTICA, NEW YORK

Volatile Analyses

SDG# RSH0772

Analyses Performed By:
TestAmerica Laboratories
Buffalo, New York

Report: # 10775R
Review Level: Tier III
Project: NJ001001.0001.0001

SUMMARY

The following is an assessment of the data package for Sample Delivery Group (SDG) RSH0772 for sampling from the Lockheed Martin Corporation Utica, New York Site. Included with this assessment are the corrected sample results, sample compliance report, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
PZ-1	RSH0772-1	Water	08/24/09		X				
MW-F	RSH0772-2	Water	08/24/09	MS/MSD	X				
MW-3	RSH0772-5	Water	08/24/09		X				
MW-4	RSH0772-6	Water	08/24/09		X				
DOT MW-1	RSH0772-7	Water	08/24/09		X				
MW-E	RSH0772-8	Water	08/24/09		X				
MW-B	RSH0772-9	Water	08/24/09		X				
MW-5	RSH0772-10	Water	08/24/09		X				
MW-C	RSH0772-11	Water	08/24/09		X				
MW-1	RSH0772-12	Water	08/24/09		X				
PW-1	RSH0772-13	Water	08/24/09		X				
PZ-2	RSH0772-14	Water	08/25/09		X				
Field Blank	RSH0772-15	Water	08/25/09		X				
MW-D	RSH0772-16	Water	08/25/09		X				
DUP-1	RSH0772-17	Water	08/25/09	MW-D	X				
MW-2	RSH0772-18	Water	08/25/09		X				
Trip Blank	RSH0772-19	Water	08/25/09		X				

Note: Sample MW-F was utilized in the laboratory as the MS/MSD.

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency USEPA SW-846 Method 8260B (selected compound list reported). Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2 s.u.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-D/DUP-1	cis-1,2-Dichloroethene	48	49	2.1%
	Tetrachloroethene	0.59	0.54	AC
	Trichloroethene	3.9	4.0	2.5%

AC Acceptable
NC Not compliant
ND Not detected

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs; OLM04.2	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate(LCSD)					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (%D)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier IV Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	

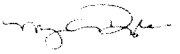
VOCs; OLM04.2	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Percent relative difference
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST /HERB	MET	MISC	
RSH0772-1	08/24/09	SW-846 8260B	PZ-1	Water	Yes	--	--	--	--	
RSH0772-2	08/24/09	SW-846 8260B	MW-F	Water	Yes	--	--	--	--	
RSH0772-5	08/24/09	SW-846 8260B	MW-3	Water	Yes	--	--	--	--	
RSH0772-6	08/24/09	SW-846 8260B	MW-4	Water	Yes	--	--	--	--	
RSH0772-7	08/24/09	SW-846 8260B	DOT MW-1	Water	Yes	--	--	--	--	
RSH0772-8	08/24/09	SW-846 8260B	MW-E	Water	Yes	--	--	--	--	
RSH0772-9	08/24/09	SW-846 8260B	MW-B	Water	Yes	--	--	--	--	
RSH0772-10	08/24/09	SW-846 8260B	MW-5	Water	Yes	--	--	--	--	
RSH0772-11	08/24/09	SW-846 8260B	MW-C	Water	Yes	--	--	--	--	
RSH0772-12	08/24/09	SW-846 8260B	MW-1	Water	Yes	--	--	--	--	
RSH0772-13	08/24/09	SW-846 8260B	PW-1	Water	Yes	--	--	--	--	
RSH0772-14	08/25/09	SW-846 8260B	PZ-2	Water	Yes	--	--	--	--	
RSH0772-15	08/25/09	SW-846 8260B	Field Blank	Water	Yes	--	--	--	--	
RSH0772-16	08/25/09	SW-846 8260B	MW-D	Water	Yes	--	--	--	--	
RSH0772-17	08/25/09	SW-846 8260B	DUP-1	Water	Yes	--	--	--	--	
RSH0772-18	08/25/09	SW-846 8260B	MW-2	Water	Yes	--	--	--	--	
RSH0772-19	08/25/09	SW-846 8260B	Trip Blank	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY:	Mary Ann Doyle
SIGNATURE:	
DATE:	September 18, 2009
VALIDATION PEER REVIEW BY:	Dennis Capria
DATE:	September 28, 2009

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

10175R

8/199

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-01 (PZ-1 - Water)						**Sampled: 08/24/09 11:34**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
cis-1,2-Dichloroethene	1.8		0.40	0.38	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-02 (MW-F - Water)						**Sampled: 08/24/09 12:36**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	1.3		0.40	0.26	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
cis-1,2-Dichloroethene	3.3		0.40	0.38	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Trichloroethene	35		0.46	0.46	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-05 (MW-3 - Water)						**Sampled: 08/24/09 13:35**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-06 (MW-4 - Water)						**Sampled: 08/24/09 13:35**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*116 %*		*Surr Limits: (73-120%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-07 (DOT MW-1 - Water)						**Sampled: 08/24/09 14:00**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**0.51**		0.40	0.26	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**8.0**		0.40	0.38	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-08 (MW-E - Water)						**Sampled: 08/24/09 15:39**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**10**		0.40	0.26	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,1-Dichloroethane	**4.4**		0.75	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**14**		0.40	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Trichloroethene	**26**		0.46	0.46	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-09 (MW-B - Water)						**Sampled: 08/24/09 15:40**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Toluene	**5.0**		0.60	0.51	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-13 (PW-1 - Water)						**Sampled: 08/24/09 17:39**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
cis-1,2-Dichloroethene	2.4		0.40	0.38	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Trichloroethene	1.1		0.46	0.46	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-14 (PZ-2 - Water)						**Sampled: 08/25/09 09:50**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-16 (MW-D - Water)						**Sampled: 08/25/09 11:05**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
cis-1,2-Dichloroethene	48		0.40	0.38	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Tetrachloroethene	0.59		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Trichloroethene	3.9		0.46	0.46	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Vinyl chloride	15		1.0	0.24	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-17 (DUP-1 - Water)						**Sampled: 08/25/09**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
cis-1,2-Dichloroethene	49		0.40	0.38	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Tetrachloroethene	0.54		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Trichloroethene	4.0		0.46	0.46	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Vinyl chloride	15		1.0	0.24	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-18 (MW-2 - Water)						**Sampled: 08/25/09 11:30**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (66-137%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits: (73-120%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
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Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-19 (TRIP BLANK - Water)						**Sampled: 08/25/09**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (66-137%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*

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 Bonstell	Date: 8/25/09	Chain of Custody Number: 133251
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518 452 7826 / 452 7086	Lab Number:	Page 1 of 2
City: Albany State: NY Zip Code: 12205	Site Contact: K Bidwell	Lab Contact: C Fox	
Project Name and Location (State): LMC - West Lot Utica NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: NJ001007001			

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	SEL VOCs 8260	Special Instructions/ Conditions of Receipt
PZ-1	8/24/09	1134		✓						✓			2	
MW-F		1236											2	*5 Day TAT
MW-F MS		1236											2	
MW-F MSD		1236											2	NYS ASP
MW-3		1335											2	Cat B
MW-4		1335											2	EPA Level IV
DOT MW-1		1400											2	
MW-E		1539											2	Question Call
MW-B		1540											2	Jeff Bonstell
MW-5		1559											2	518 452 7826
MW-C		1618											2	Jeff.Bonstell@
MW-1		1647		✓						✓			2	arcadis-us.com

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 5 Days

QC Requirements (Specify)

	Date	Time
1. Relinquished By: Katie Bidwell	8/25/09	1330
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By	8/26/09	0900
2. Received By		
3. Received By		

Comments

4°C

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

29/199

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 Boostel	Date: 8/25/09	Chain of Custody Number: 133252
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: (518) 452 7826 / 452 7086	Lab Number:	Page 2 of 2
City: Albany	State: NY Zip Code: 12205	Site Contact: K. Bidwell	Lab Contact: C. Fox
Project Name and Location (State): LMC West Lot Utica NY		Carrier/Waybill Number:	
Contract/Purchase Order/Quote No.: NJ00007.0001			

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	Sel Vocs 8260	Special Instructions/ Conditions of Receipt
PW-1	8/24/09	1739		✓						✓			2	
PZ-2	8/25/09	0950		✓						✓			2	
Field Blank	8/25/09	10:00		✓						✓			2	5 Day TAT
MW-D	↓	1105		✓						✓			2	
Dup-1	↓	—		✓						✓			2	NYS ASP B Cat
MW-2	8/25/09	1130		✓						✓			1	EPA Level IV
Trip Blank	—	—		✓						✓			1	

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 5 Day

QC Requirements (Specify)

1. Relinquished By: Kristen Bidwell	Date: 8/25/09	Time: 1330	1. Received By:	Date: 8-26-09	Time: 0900
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

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

4.6°C

30/199

ARCADIS
Infrastructure, environment, facilities

Imagine the result

Lockheed Martin Corporation-
Utica, NY Site

Data Usability Summary Report

UTICA, NEW YORK

Volatile Analyses

SDG# RSJ1399

Analyses Performed By:
TestAmerica Laboratories
Buffalo, New York

Report: # 11154R
Review Level: Tier III
Project: NJ001007.0001.0001

SUMMARY

The following is an assessment of the data package for Sample Delivery Group (SDG) RSJ1399 for sampling from the Lockheed Martin Corporation Utica, New York Site. Included with this assessment are the corrected sample results, sample compliance report, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
MW-D	RSJ1399-1	Water	10/26/09		X				
DUP-1	RSJ1399-2	Water	10/26/09		X				
MW-E	RSJ1399-5	Water	10/26/09		X				
MW-F	RSJ1399-6	Water	10/26/09		X				
DOT MW-1	RSJ1399-7	Water	10/26/09		X				
PW-1	RSJ1399-8	Water	10/26/09		X				
TRIP BLANK	RSJ1399-9	Water	10/26/09		X				

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency USEPA SW-846 Method 8260B (selected compound list reported). Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is

that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2 s.u.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-D/DUP-1	cis-1,2-Dichloroethene	56	58	3.5%
	Trans-1,2-Dichloroethene	0.81	0.96	AC
	Trichloroethene	3.3	3.6	8.8%
	Vinyl Chloride	18	20	10.5%

AC Acceptable
NC Not compliant
ND Not detected

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs; OLM04.2	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate(LCSD)					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (%D)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier IV Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	

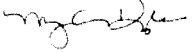
VOCs; OLM04.2	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Percent relative difference
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST /HERB	MET	MISC	
RSJ1399-1	10/26/09	SW-846 8260B	MW-D	Water	Yes	--	--	--	--	
RSJ1399-2	10/26/09	SW-846 8260B	DUP-1	Water	Yes	--	--	--	--	
RSJ1399-5	10/26/09	SW-846 8260B	MW-E	Water	Yes	--	--	--	--	
RSJ1399-6	10/26/09	SW-846 8260B	MW-F	Water	Yes	--	--	--	--	
RSJ1399-7	10/26/09	SW-846 8260B	DOT MW-1	Water	Yes	--	--	--	--	
RSJ1399-8	10/26/09	SW-846 8260B	PW-1	Water	Yes	--	--	--	--	
RSJ1399-9	10/26/09	SW-846 8260B	TRIP BLANK	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY:	Mary Ann Doyle
SIGNATURE:	
DATE:	December 7, 2009
VALIDATION PEER REVIEW BY:	Joseph C. Houser
DATE:	December 8, 2009

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-01 (MW-D - Water)						**Sampled: 10/26/09 11:30**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
cis-1,2-Dichloroethene	56		0.40	0.38	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
trans-1,2-Dichloroethene	0.81		0.42	0.42	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Trichloroethene	3.3		0.46	0.46	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Vinyl chloride	18		1.0	0.24	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*97 %*		*Surr Limits: (73-120%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-02 (DUP-1 - Water)						**Sampled: 10/26/09**			**Recvd: 10/27/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**58**		0.40	0.38	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
trans-1,2-Dichloroethene	**0.96**		0.42	0.42	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Trichloroethene	**3.6**		0.46	0.46	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Vinyl chloride	**20**		1.0	0.24	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-03 (MW-E - Water)						**Sampled: 10/26/09 12:00**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	7.1		0.40	0.26	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,1-Dichloroethane	2.5		0.75	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
cis-1,2-Dichloroethene	9.0		0.40	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Trichloroethene	23		0.46	0.46	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-04 (MW-F - Water)						**Sampled: 10/26/09 12:40**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	1.2		0.40	0.26	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
cis-1,2-Dichloroethene	3.2		0.40	0.38	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Trichloroethene	30		0.46	0.46	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Vinyl chloride	0.54	J	1.0	0.24	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*102 %*		*Surr Limits: (66-137%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*101 %*		*Surr Limits: (73-120%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-07 (DOT MW-1 - Water)						**Sampled: 10/26/09 13:20**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
cis-1,2-Dichloroethene	7.9		0.40	0.38	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-08 (PW-1 - Water)						**Sampled: 10/26/09 15:06**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,2-Dichlorobenzene	0.51		0.50	0.20	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
cis-1,2-Dichloroethene	1.5		0.40	0.38	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Trichloroethene	2.5		0.46	0.46	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits: (66-137%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*99 %*		*Surr Limits: (73-120%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-09 (TRIP BLANK - Water)						**Sampled: 10/26/09**			**Recvd: 10/27/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*104 %*		*Surr Limits: (66-137%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*97 %*		*Surr Limits: (73-120%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*

Chain of Custody Record

Temperature on Receipt _____.

Drinking Water? Yes ☐ No ☑

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Arcadis	Project Manager: Chris Motta / Jeff Boostock	Date: 10/26/09	Chain of Custody Number: 158907
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518 452 7826 / 452 7086	Lab Number:	Page 1 of 1
City: Albany	State: NY Zip Code: 12205	Site Contact: K. Bidwell	Lab Contact: C. Fox
Project Name and Location (State): LMC - West Lot Utica NY		Carrier/Waybill Number:	
Contract/Purchase Order/Quote No.: NJ001007.0001			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	SEL VOCs 8260	Special Instructions/ Conditions of Receipt
MW-D	10/26/09	1130		✓						✓			2	* 5 Day TAT
Dup-1		—		✓						✓			2	
MW-E		1200		✓						✓			2	NYS ASP
MW-F		1240		✓						✓			2	CAT B
MW-F MS		1240		✓						✓			2	EPA Level IV
MW-F MSD		1240		✓						✓			2	
DOT MW-1		1320		✓						✓			2	Questions
PW-1	↓	1506		✓						✓			2	Call Jeff
Trip Blank	—	—		✓						✓			1	Boostock @
														518 452 7826

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 5 Day

QC Requirements (Specify)

1. Relinquished By: Katie Bidwell	Date: 10/26/09	Time: 1620	1. Received By: Rudy	Date: 10-27-09	Time: 0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments:

2.0°C

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

19/143

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSH0772

Project Description
LMC - Utica, NY

For:

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

Candace L. Fox

Candace Fox
Project Manager
candace.fox@testamericainc.com

Monday, August 31, 2009

Revision: 1

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

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
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 parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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

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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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The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to the lab MDL. It must be noted that results reported below lab standard quantitation limits (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

SpecificMethod	Analyte	Units	Client RL	Lab PQL
8260B	1,1,1-Trichloroethane	ug/L	0.40	1.0
8260B	1,1-Dichloroethane	ug/L	0.75	1.0
8260B	1,2-Dichlorobenzene	ug/L	0.50	1.0
8260B	1,3-Dichlorobenzene	ug/L	0.40	1.0
8260B	1,4-Dichlorobenzene	ug/L	0.40	1.0
8260B	Benzene	ug/L	0.41	1.0
8260B	Chlorobenzene	ug/L	0.40	1.0
8260B	Chloroethane	ug/L	0.40	1.0
8260B	cis-1,2-Dichloroethene	ug/L	0.40	1.0
8260B	Ethylbenzene	ug/L	0.40	1.0
8260B	m-Xylene & p-Xylene	ug/L	1.0	2.0
8260B	o-Xylene	ug/L	0.40	1.0
8260B	Tetrachloroethene	ug/L	0.40	1.0
8260B	Toluene	ug/L	0.60	1.0
8260B	trans-1,2-Dichloroethene	ug/L	0.42	1.0
8260B	Trichloroethene	ug/L	0.46	1.0
8260B	Xylenes, total	ug/L	1.0	2.0

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DATA QUALIFIERS AND DEFINITIONS

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

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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: RSH0772-01 (PZ-1 - Water)					**Sampled: 08/24/09 11:34**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**1.8**		0.40	0.38	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Sample ID: RSH0772-02 (MW-F - Water)					**Sampled: 08/24/09 12:36**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**1.3**		0.40	0.26	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**3.3**		0.40	0.38	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Trichloroethene	**35**		0.46	0.46	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Sample ID: RSH0772-07 (DOT MW-1 - Water)					**Sampled: 08/24/09 14:00**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**0.51**		0.40	0.26	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**8.0**		0.40	0.38	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Sample ID: RSH0772-08 (MW-E - Water)					**Sampled: 08/24/09 15:39**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**10**		0.40	0.26	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,1-Dichloroethane	**4.4**		0.75	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**14**		0.40	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Trichloroethene	**26**		0.46	0.46	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Sample ID: RSH0772-09 (MW-B - Water)					**Sampled: 08/24/09 15:40**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
Toluene	**5.0**		0.60	0.51	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Sample ID: RSH0772-13 (PW-1 - Water)					**Sampled: 08/24/09 17:39**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**2.4**		0.40	0.38	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Trichloroethene	**1.1**		0.46	0.46	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Sample ID: RSH0772-16 (MW-D - Water)					**Sampled: 08/25/09 11:05**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**48**		0.40	0.38	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Tetrachloroethene	**0.59**		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Trichloroethene	**3.9**		0.46	0.46	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Vinyl chloride	**15**		1.0	0.24	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Sample ID: RSH0772-17 (DUP-1 - Water)					**Sampled: 08/25/09**			**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**49**		0.40	0.38	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Tetrachloroethene	**0.54**		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Trichloroethene	**4.0**		0.46	0.46	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Vinyl chloride	**15**		1.0	0.24	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B

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Reported: 08/31/09 16:51

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
PZ-1	RSH0772-01	Water	08/24/09 11:34	08/26/09 09:00	
MW-F	RSH0772-02	Water	08/24/09 12:36	08/26/09 09:00	
MW-3	RSH0772-05	Water	08/24/09 13:35	08/26/09 09:00	
MW-4	RSH0772-06	Water	08/24/09 13:35	08/26/09 09:00	
DOT MW-1	RSH0772-07	Water	08/24/09 14:00	08/26/09 09:00	
MW-E	RSH0772-08	Water	08/24/09 15:39	08/26/09 09:00	
MW-B	RSH0772-09	Water	08/24/09 15:40	08/26/09 09:00	
MW-5	RSH0772-10	Water	08/24/09 15:59	08/26/09 09:00	
MW-C	RSH0772-11	Water	08/24/09 16:18	08/26/09 09:00	
MW-1	RSH0772-12	Water	08/24/09 16:47	08/26/09 09:00	
PW-1	RSH0772-13	Water	08/24/09 17:39	08/26/09 09:00	
PZ-2	RSH0772-14	Water	08/25/09 09:50	08/26/09 09:00	
FIELD BLANK	RSH0772-15	Water	08/25/09 10:00	08/26/09 09:00	
MW-D	RSH0772-16	Water	08/25/09 11:05	08/26/09 09:00	
DUP-1	RSH0772-17	Water	08/25/09	08/26/09 09:00	
MW-2	RSH0772-18	Water	08/25/09 11:30	08/26/09 09:00	
TRIP BLANK	RSH0772-19	Water	08/25/09	08/26/09 09:00	

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Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-01 (PZ-1 - Water)						**Sampled: 08/24/09 11:34**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**1.8**		0.40	0.38	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:29	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:29*	*NMD*	*9H26079*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-02 (MW-F - Water)						**Sampled: 08/24/09 12:36**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**1.3**		0.40	0.26	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**3.3**		0.40	0.38	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Trichloroethene	**35**		0.46	0.46	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:55	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:55*	*NMD*	*9H26079*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-05 (MW-3 - Water)						**Sampled: 08/24/09 13:35**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 00:12	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 00:12*	*NMD*	*9H26079*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-06 (MW-4 - Water)						**Sampled: 08/24/09 13:35**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 00:37	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*116 %*		*Surr Limits: (73-120%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*08/27/09 00:37*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-07 (DOT MW-1 - Water)						**Sampled: 08/24/09 14:00**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**0.51**		0.40	0.26	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**8.0**		0.40	0.38	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:03	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 01:03*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-08 (MW-E - Water)						**Sampled: 08/24/09 15:39**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**10**		0.40	0.26	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,1-Dichloroethane	**4.4**		0.75	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**14**		0.40	0.38	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Trichloroethene	**26**		0.46	0.46	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:29	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 01:29*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-09 (MW-B - Water)						**Sampled: 08/24/09 15:40**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Toluene	**5.0**		0.60	0.51	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 01:54	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 01:54*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-10 (MW-5 - Water)						**Sampled: 08/24/09 15:59**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 02:20	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 02:20*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/27/09 02:20*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*08/27/09 02:20*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-11 (MW-C - Water)						**Sampled: 08/24/09 16:18**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 02:45	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*08/27/09 02:45*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/27/09 02:45*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 02:45*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-12 (MW-1 - Water)						**Sampled: 08/24/09 16:47**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 03:11	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (66-137%)*				*08/27/09 03:11*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/27/09 03:11*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*08/27/09 03:11*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-13 (PW-1 - Water)						**Sampled: 08/24/09 17:39**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**2.4**		0.40	0.38	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Trichloroethene	**1.1**		0.46	0.46	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 03:36	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 03:36*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-14 (PZ-2 - Water)						**Sampled: 08/25/09 09:50**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 04:02	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*08/27/09 04:02*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-15 (FIELD BLANK - Water)						**Sampled: 08/25/09 10:00**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 04:27	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*102 %*		*Surr Limits: (66-137%)*				*08/27/09 04:27*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 04:27*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/27/09 04:27*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
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Received: 08/26/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-16 (MW-D - Water)						**Sampled: 08/25/09 11:05**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**48**		0.40	0.38	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Tetrachloroethene	**0.59**		0.40	0.36	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Trichloroethene	**3.9**		0.46	0.46	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Vinyl chloride	**15**		1.0	0.24	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 04:53	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (66-137%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*08/27/09 04:53*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-17 (DUP-1 - Water)						**Sampled: 08/25/09**			**Recvd: 08/26/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
cis-1,2-Dichloroethene	**49**		0.40	0.38	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Tetrachloroethene	**0.54**		0.40	0.36	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Trichloroethene	**4.0**		0.46	0.46	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Vinyl chloride	**15**		1.0	0.24	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 05:18	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*115 %*		*Surr Limits: (73-120%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*08/27/09 05:18*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-18 (MW-2 - Water)						**Sampled: 08/25/09 11:30**		**Recvd: 08/26/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/27/09 05:44	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (66-137%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits: (73-120%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*08/27/09 05:44*	*NMD*	*9H26079*	*8260B*

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

Work Order: RSH0772

Project: LMC - Utica, NY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0772-19 (TRIP BLANK - Water)						**Sampled: 08/25/09**			**Recvd: 08/26/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	08/26/09 22:04	NMD	9H26079	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (66-137%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*08/26/09 22:04*	*NMD*	*9H26079*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

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	9H26079	RSH0772-01	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-02	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-05	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-06	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-07	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-08	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-09	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-10	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-11	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-12	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-13	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-14	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-15	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-16	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-17	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-18	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS
8260B	9H26079	RSH0772-19	5.00	mL	5.00	mL	08/26/09 16:47	NMD	5030B MS

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

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: 08/26/09 (Lab Number:9H26079-BLK1, Batch: 9H26079)											
1,1,1-Trichloroethane			5.0	0.26	ug/L	ND					
1,1-Dichloroethane			5.0	0.38	ug/L	ND					
1,2-Dichlorobenzene			0.50	0.20	ug/L	ND					
1,3-Dichlorobenzene			0.40	0.36	ug/L	ND					
1,4-Dichlorobenzene			0.40	0.39	ug/L	ND					
Benzene			5.0	0.41	ug/L	ND					
Chlorobenzene			0.40	0.32	ug/L	ND					
Chloroethane			0.40	0.32	ug/L	ND					
cis-1,2-Dichloroethene			10	0.38	ug/L	ND					
Ethylbenzene			5.0	0.18	ug/L	ND					
m-Xylene & p-Xylene			1.0	0.66	ug/L	ND					
o-Xylene			0.40	0.36	ug/L	ND					
Tetrachloroethene			5.0	0.36	ug/L	ND					
Toluene			5.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			10	0.42	ug/L	ND					
Trichloroethene			5.0	0.46	ug/L	ND					
Vinyl chloride			2.0	0.24	ug/L	ND					
Xylenes, total			10	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*98*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*94*	*71-126*			
LCS Analyzed: 08/26/09 (Lab Number:9H26079-BS1, Batch: 9H26079)											
1,1,1-Trichloroethane			0.40	0.26	ug/L	ND		73-126			
1,1-Dichloroethane			0.75	0.38	ug/L	ND		71-129			
1,2-Dichlorobenzene			0.50	0.20	ug/L	ND		77-120			
1,3-Dichlorobenzene			0.40	0.36	ug/L	ND		77-120			
1,4-Dichlorobenzene			0.40	0.39	ug/L	ND		75-120			
Benzene		25	0.41	0.41	ug/L	25.5	102	71-124			
Chlorobenzene		25	0.40	0.32	ug/L	24.8	99	72-120			
Chloroethane			0.40	0.32	ug/L	ND		69-136			
cis-1,2-Dichloroethene			0.40	0.38	ug/L	ND		74-124			
Ethylbenzene			0.40	0.18	ug/L	ND		77-123			
m-Xylene & p-Xylene			1.0	0.66	ug/L	ND		76-122			
o-Xylene			0.40	0.36	ug/L	ND		76-122			
Tetrachloroethene			0.40	0.36	ug/L	ND		74-122			
Toluene		25	0.60	0.51	ug/L	25.2	101	70-122			

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

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: 08/26/09 (Lab Number:9H26079-BS1, Batch: 9H26079)											
trans-1,2-Dichloroethene			0.42	0.42	ug/L	ND		73-127			
Trichloroethene		25	0.46	0.46	ug/L	26.5	106	74-123			
Vinyl chloride			1.0	0.24	ug/L	ND		65-133			
Xylenes, total			1.0	0.66	ug/L	ND		76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*118*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*97*	*71-126*			
Matrix Spike Analyzed: 08/26/09 (Lab Number:9H26079-MS1, Batch: 9H26079)											
QC Source Sample: RSH0772-02											
1,1,1-Trichloroethane	1.28		0.40	0.26	ug/L	1.22		73-126			
1,1-Dichloroethane	ND		0.75	0.38	ug/L	ND		71-129			
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	ND		77-120			
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	ND		77-120			
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	ND		75-120			
Benzene	ND	25	0.41	0.41	ug/L	28.0	112	71-124			
Chlorobenzene	ND	25	0.40	0.32	ug/L	26.3	105	72-120			
Chloroethane	ND		0.40	0.32	ug/L	ND		69-136			
cis-1,2-Dichloroethene	3.29		0.40	0.38	ug/L	3.22		74-124			
Ethylbenzene	ND		0.40	0.18	ug/L	ND		77-123			
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	ND		76-122			
o-Xylene	ND		0.40	0.36	ug/L	ND		76-122			
Tetrachloroethene	ND		0.40	0.36	ug/L	ND		74-122			
Toluene	ND	25	0.60	0.51	ug/L	27.5	110	70-122			
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	ND		73-127			
Trichloroethene	35.0	25	0.46	0.46	ug/L	64.0	116	74-123			
Vinyl chloride	ND		1.0	0.24	ug/L	ND		65-133			
Xylenes, total	ND		1.0	0.66	ug/L	ND		76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*94*	*71-126*			
Matrix Spike Dup Analyzed: 08/26/09 (Lab Number:9H26079-MSD1, Batch: 9H26079)											
QC Source Sample: RSH0772-02											
1,1,1-Trichloroethane	1.28		0.40	0.26	ug/L	1.23		73-126	0.8	15	
1,1-Dichloroethane	ND		0.75	0.38	ug/L	ND		71-129		20	
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	ND		77-120		20	

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

Work Order: RSH0772

Project: LMC - Utica, NY
Project Number: AGM

Received: 08/26/09
Reported: 08/31/09 16:51

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: 08/26/09 (Lab Number:9H26079-MSD1, Batch: 9H26079)											
QC Source Sample: RSH0772-02											
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	ND		77-120		20	
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	ND		75-120		20	
Benzene	ND	25	0.41	0.41	ug/L	28.9	116	71-124	3	13	
Chlorobenzene	ND	25	0.40	0.32	ug/L	27.0	108	72-120	3	25	
Chloroethane	ND		0.40	0.32	ug/L	ND		69-136		15	
cis-1,2-Dichloroethene	3.29		0.40	0.38	ug/L	3.14		74-124	3	15	
Ethylbenzene	ND		0.40	0.18	ug/L	ND		77-123		15	
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	ND		76-122		16	
o-Xylene	ND		0.40	0.36	ug/L	ND		76-122		16	
Tetrachloroethene	ND		0.40	0.36	ug/L	ND		74-122		20	
Toluene	ND	25	0.60	0.51	ug/L	28.4	113	70-122	3	15	
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	ND		73-127		20	
Trichloroethene	35.0	25	0.46	0.46	ug/L	65.0	120	74-123	2	16	
Vinyl chloride	ND		1.0	0.24	ug/L	ND		65-133		15	
Xylenes, total	ND		1.0	0.66	ug/L	ND		76-122		16	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*96*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*115*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*95*	*71-126*			

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Arcadis	Jeff Boosteel	8/25/09	133251
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
4165 New Karner Rd	518 452 7826 / 452 7086		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Albany / NY / 12205	K. Bidwell	C Fox	
Project Name and Location (State)	**Carrier/Waybill Number**		
LMC - West Lot Utica NY			
Contract/Purchase Order/Quote No.			
NJ 001 007 0001			

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): SEL VOCs 8260	Special Instructions/ Conditions of Receipt
BZ-1	8/24/09	1134		✓						✓			2	
MW-F		1236											2	*5 Day TAT
MW-F MS		1236											2	
MW-F MSD		1236											2	NYS ASP
MW-3		1335											2	Cat B
MW-4		1335											2	EPA Level IV
DOT MW-1		1400											2	
MW-E		1539											2	Question Call
MW-B		1540											2	Jeff Boosteel
MW-5		1559											2	518 452 7826
MW-C		1618											2	Jeff.Boosteel@
MW-1	↓	1647		↓						↓			2	arcadis-us.com

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 5 Day

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Katie Bidwell	8/25/09	1330		8/26/09	0900
2.						
3.						

Comments

4 C°

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

29/199

Chain of Custody Record

Temperature on Receipt ____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Arcadis	Jeff Bonstel	8/25/09	133252
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
465 New Karner Rd	(518) 452 7826 / 452 7086		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Albany / NY / 12205	K. Bidwell	C. Fox	
Project Name and Location (State)	**Carrier/Waybill Number**		
LMC West Lot Utica NY			
Contract/Purchase Order/Quote No.			
NJ00007.0001			

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): SEL VOCs 8260	Special Instructions/ Conditions of Receipt
PW-1	8/24/09	1739		✓						✓			2	
PZ-2	8/25/09	0950		✓						✓			2	5 Day TAT
Field Blank	8/25/09	10:00		✓						✓			2	
MW-D	↓	1105		✓						✓			2	NYS ASP B Cat
Dup-1	↓	—		✓						✓			2	EPA Level IV
MW-2	8/25/09	1130		✓						✓			1	
Trip Blank	—	—		✓						✓			1	

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 5 Day

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Katie Bidwell	8/25/09	1330		8.26.09	1410
2.						
3.						

Comments

4.0°C

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

30/199

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:
PZ-1	RSH0772-01
MW-F	RSH0772-02
MW-3	RSH0772-05
MW-4	RSH0772-06
DOT MW-1	RSH0772-07
MW-E	RSH0772-08
MW-B	RSH0772-09
MW-5	RSH0772-10
MW-C	RSH0772-11
MW-1	RSH0772-12
PW-1	RSH0772-13
PZ-2	RSH0772-14
FIELD BLANK	RSH0772-15
MW-D	RSH0772-16
DUP-1	RSH0772-17
MW-2	RSH0772-18
TRIP BLANK	RSH0772-19

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Sequence: RH92618
Instrument: HP5973S
Matrix: Water
Calibration: R9G2906

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (9H26079-BLK1)			Lab File ID: S8829.D		Analyzed: 08/26/09 19:51			
1,2-Dichloroethane-d4	25.0	98	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
LCS (9H26079-BS1)			Lab File ID: S8828.D		Analyzed: 08/26/09 19:25			
1,2-Dichloroethane-d4	25.0	95	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	118	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	97	71 - 126	6.07	6.07	0.0000	+/-1.0	
Matrix Spike (9H26079-MS1)			Lab File ID: S8837.D		Analyzed: 08/26/09 23:21			
1,2-Dichloroethane-d4	25.0	95	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
Matrix Spike Dup (9H26079-MSD1)			Lab File ID: S8838.D		Analyzed: 08/26/09 23:46			
1,2-Dichloroethane-d4	25.0	96	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.07	6.07	0.0000	+/-1.0	
PZ-1 (RSH0772-01)			Lab File ID: S8835.D		Analyzed: 08/26/09 22:29			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-F (RSH0772-02)			Lab File ID: S8836.D		Analyzed: 08/26/09 22:55			
1,2-Dichloroethane-d4	25.0	100	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-3 (RSH0772-05)			Lab File ID: S8839.D		Analyzed: 08/27/09 00:12			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	114	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-4 (RSH0772-06)			Lab File ID: S8840.D		Analyzed: 08/27/09 00:37			
1,2-Dichloroethane-d4	25.0	103	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	116	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	96	71 - 126	6.07	6.07	0.0000	+/-1.0	
DOT MW-1 (RSH0772-07)			Lab File ID: S8841.D		Analyzed: 08/27/09 01:03			
1,2-Dichloroethane-d4	25.0	100	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	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: RH92618
Instrument: HP5973S
Matrix: Water
Calibration: R9G2906

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
DOT MW-1 (RSH0772-07)			Lab File ID: S8841.D		Analyzed: 08/27/09 01:03			
Toluene-d8	25.0	95	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-E (RSH0772-08)			Lab File ID: S8842.D		Analyzed: 08/27/09 01:29			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	114	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-B (RSH0772-09)			Lab File ID: S8843.D		Analyzed: 08/27/09 01:54			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	114	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-5 (RSH0772-10)			Lab File ID: S8844.D		Analyzed: 08/27/09 02:20			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	93	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-C (RSH0772-11)			Lab File ID: S8845.D		Analyzed: 08/27/09 02:45			
1,2-Dichloroethane-d4	25.0	101	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-1 (RSH0772-12)			Lab File ID: S8846.D		Analyzed: 08/27/09 03:11			
1,2-Dichloroethane-d4	25.0	99	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	93	71 - 126	6.07	6.07	0.0000	+/-1.0	
PW-1 (RSH0772-13)			Lab File ID: S8847.D		Analyzed: 08/27/09 03:36			
1,2-Dichloroethane-d4	25.0	100	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.07	6.07	0.0000	+/-1.0	
PZ-2 (RSH0772-14)			Lab File ID: S8848.D		Analyzed: 08/27/09 04:02			
1,2-Dichloroethane-d4	25.0	103	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	114	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	93	71 - 126	6.07	6.07	0.0000	+/-1.0	
FIELD BLANK (RSH0772-15)			Lab File ID: S8849.D		Analyzed: 08/27/09 04:27			
1,2-Dichloroethane-d4	25.0	102	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-D (RSH0772-16)			Lab File ID: S8850.D		Analyzed: 08/27/09 04:53			

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: RH92618
Instrument: HP5973S
Matrix: Water
Calibration: R9G2906

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-D (RSH0772-16)			Lab File ID: S8850.D		Analyzed: 08/27/09 04:53			
1,2-Dichloroethane-d4	25.0	100	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.07	6.07	0.0000	+/-1.0	
DUP-1 (RSH0772-17)			Lab File ID: S8851.D		Analyzed: 08/27/09 05:18			
1,2-Dichloroethane-d4	25.0	103	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	115	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	96	71 - 126	6.07	6.07	0.0000	+/-1.0	
MW-2 (RSH0772-18)			Lab File ID: S8852.D		Analyzed: 08/27/09 05:44			
1,2-Dichloroethane-d4	25.0	99	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	111	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	92	71 - 126	6.07	6.07	0.0000	+/-1.0	
TRIP BLANK (RSH0772-19)			Lab File ID: S8834.D		Analyzed: 08/26/09 22:04			
1,2-Dichloroethane-d4	25.0	99	66 - 137	4.69	4.69	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	113	73 - 120	8.12	8.12	0.0000	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.07	6.07	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:	9070899
Batch:	9H26079	Laboratory ID:	9H26079-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane		ug/L	ND		73 - 126
1,1-Dichloroethane		ug/L	ND		71 - 129
1,2-Dichlorobenzene		ug/L	ND		77 - 120
1,3-Dichlorobenzene		ug/L	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND		75 - 120
Benzene	25.0	ug/L	25.5	102	71 - 124
Chlorobenzene	25.0	ug/L	24.8	99	72 - 120
Chloroethane		ug/L	ND		69 - 136
cis-1,2-Dichloroethene		ug/L	ND		74 - 124
Ethylbenzene		ug/L	ND		77 - 123
m-Xylene & p-Xylene		ug/L	ND		76 - 122
o-Xylene		ug/L	ND		76 - 122
Tetrachloroethene		ug/L	ND		74 - 122
Toluene	25.0	ug/L	25.2	101	70 - 122
trans-1,2-Dichloroethene		ug/L	ND		73 - 127
Trichloroethene	25.0	ug/L	26.5	106	74 - 123
Vinyl chloride		ug/L	ND		65 - 133
Xylenes, total		ug/L	ND		76 - 122

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

* Values outside of QC limits

Form 3

MW-F

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:	9070899
Batch:	9H26079	Laboratory ID:	9H26079-MS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-F

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
1,1,1-Trichloroethane		ug/L	1.28	1.22		73 - 126
1,1-Dichloroethane		ug/L	ND	ND		71 - 129
1,2-Dichlorobenzene		ug/L	ND	ND		77 - 120
1,3-Dichlorobenzene		ug/L	ND	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND	ND		75 - 120
Benzene	25.0	ug/L	ND	28.0	112	71 - 124
Chlorobenzene	25.0	ug/L	ND	26.3	105	72 - 120
Chloroethane		ug/L	ND	ND		69 - 136
cis-1,2-Dichloroethene		ug/L	3.29	3.22		74 - 124
Ethylbenzene		ug/L	ND	ND		77 - 123
m-Xylene & p-Xylene		ug/L	ND	ND		76 - 122
o-Xylene		ug/L	ND	ND		76 - 122
Tetrachloroethene		ug/L	ND	ND		74 - 122
Toluene	25.0	ug/L	ND	27.5	110	70 - 122
trans-1,2-Dichloroethene		ug/L	ND	ND		73 - 127
Trichloroethene	25.0	ug/L	35.0	64.0	116	74 - 123
Vinyl chloride		ug/L	ND	ND		65 - 133
Xylenes, total		ug/L	ND	ND		76 - 122

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1-Trichloroethane		ug/L	1.23		0.8	15	73 - 126
1,1-Dichloroethane		ug/L	ND			20	71 - 129
1,2-Dichlorobenzene		ug/L	ND			20	77 - 120
1,3-Dichlorobenzene		ug/L	ND			20	77 - 120
1,4-Dichlorobenzene		ug/L	ND			20	75 - 120
Benzene	25.0	ug/L	28.9	116	3	13	71 - 124
Chlorobenzene	25.0	ug/L	27.0	108	3	25	72 - 120
Chloroethane		ug/L	ND			15	69 - 136
cis-1,2-Dichloroethene		ug/L	3.14		3	15	74 - 124
Ethylbenzene		ug/L	ND			15	77 - 123
m-Xylene & p-Xylene		ug/L	ND			16	76 - 122
o-Xylene		ug/L	ND			16	76 - 122

Form 3

MW-F

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:	9070899
Batch:	9H26079	Laboratory ID:	9H26079-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-F

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Tetrachloroethene		ug/L	ND			20	74 - 122
Toluene	25.0	ug/L	28.4	113	3	15	70 - 122
trans-1,2-Dichloroethene		ug/L	ND			20	73 - 127
Trichloroethene	25.0	ug/L	65.0	120	2	16	74 - 123
Vinyl chloride		ug/L	ND			15	65 - 133
Xylenes, total		ug/L	ND			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: 9H26079 Batch Matrix: Water
Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	9H26079-BLK1	5.00 mL	5.00 mL	08/26/09 16:47	N/A
LCS	9H26079-BS1	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-F	9H26079-MS1	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-F	9H26079-MSD1	5.00 mL	5.00 mL	08/26/09 16:47	N/A
PZ-1	RSH0772-01	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-F	RSH0772-02	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-3	RSH0772-05	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-4	RSH0772-06	5.00 mL	5.00 mL	08/26/09 16:47	N/A
DOT MW-1	RSH0772-07	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-E	RSH0772-08	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-B	RSH0772-09	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-5	RSH0772-10	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-C	RSH0772-11	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-1	RSH0772-12	5.00 mL	5.00 mL	08/26/09 16:47	N/A
PW-1	RSH0772-13	5.00 mL	5.00 mL	08/26/09 16:47	N/A
PZ-2	RSH0772-14	5.00 mL	5.00 mL	08/26/09 16:47	N/A
FIELD BLANK	RSH0772-15	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-D	RSH0772-16	5.00 mL	5.00 mL	08/26/09 16:47	N/A
DUP-1	RSH0772-17	5.00 mL	5.00 mL	08/26/09 16:47	N/A
MW-2	RSH0772-18	5.00 mL	5.00 mL	08/26/09 16:47	N/A
TRIP BLANK	RSH0772-19	5.00 mL	5.00 mL	08/26/09 16:47	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:	S8067.D	Injection Date:	07/29/09
Instrument ID:	HP5973S	Injection Time:	22:40
Sequence:	RG92921	Lab Sample ID:	RG92921-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.609	PASS
75	30 - 60% of 95	46.363	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.6334	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	70.658	PASS
175	5 - 9% of 174	7.1512	PASS
176	95 - 101% of 174	98.869	PASS
177	5 - 9% of 176	6.6274	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory: TestAmerica Buffalo

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

Sequence: RG92921

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration: R9G2906

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	RG92921-TUN1	S8067.D	07/29/09 22:40
Cal Standard	RG92921-CAL1	S8069.D	07/29/09 23:29
Cal Standard	RG92921-CAL2	S8070.D	07/29/09 23:54
Cal Standard	RG92921-CAL3	S8071.D	07/30/09 00:19
Cal Standard	RG92921-CAL4	S8072.D	07/30/09 00:45
Cal Standard	RG92921-CAL5	S8073.D	07/30/09 01:10
Cal Standard	RG92921-CAL6	S8074.D	07/30/09 01:36

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:	S8825.D	Injection Date:	08/26/09
Instrument ID:	HP5973S	Injection Time:	18:13
Sequence:	RH92618	Lab Sample ID:	RH92618-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.596	PASS
75	30 - 60% of 95	46.68	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.6154	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	77.808	PASS
175	5 - 9% of 174	7.3756	PASS
176	95 - 101% of 174	95.161	PASS
177	5 - 9% of 176	6.0472	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory: TestAmerica Buffalo
Client: ARCADIS U.S., Inc. - Albany, NY
Sequence: RH92618

SDG:
Project: Arcadis, Geraghty & Miller - NY9A8463
Instrument: HP5973S
Calibration: R9G2906

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	RH92618-TUN1	S8825.D	08/26/09 18:13
Calibration Check	RH92618-CCV1	S8826.D	08/26/09 18:34
LCS	9H26079-BS1	S8828.D	08/26/09 19:25
Blank	9H26079-BLK1	S8829.D	08/26/09 19:51
TRIP BLANK	RSH0772-19	S8834.D	08/26/09 22:04
PZ-1	RSH0772-01	S8835.D	08/26/09 22:29
MW-F	RSH0772-02	S8836.D	08/26/09 22:55
MW-F	9H26079-MS1	S8837.D	08/26/09 23:21
MW-F	9H26079-MSD1	S8838.D	08/26/09 23:46
MW-3	RSH0772-05	S8839.D	08/27/09 00:12
MW-4	RSH0772-06	S8840.D	08/27/09 00:37
DOT MW-1	RSH0772-07	S8841.D	08/27/09 01:03
MW-E	RSH0772-08	S8842.D	08/27/09 01:29
MW-B	RSH0772-09	S8843.D	08/27/09 01:54
MW-5	RSH0772-10	S8844.D	08/27/09 02:20
MW-C	RSH0772-11	S8845.D	08/27/09 02:45
MW-1	RSH0772-12	S8846.D	08/27/09 03:11
PW-1	RSH0772-13	S8847.D	08/27/09 03:36
PZ-2	RSH0772-14	S8848.D	08/27/09 04:02
FIELD BLANK	RSH0772-15	S8849.D	08/27/09 04:27
MW-D	RSH0772-16	S8850.D	08/27/09 04:53
DUP-1	RSH0772-17	S8851.D	08/27/09 05:18
MW-2	RSH0772-18	S8852.D	08/27/09 05:44

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: RH92618
Instrument: HP5973S
Matrix: ~~Solid-extr~~ WATER
Calibration: R9G2906

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (RH92618-CCV1)			Lab File ID: S8826.D			Analyzed: 08/26/09 18:34			
1,4-Dichlorobenzene-d4	148863	9.05				50 - 200		+/-0.50	
1,4-Difluorobenzene	272481	4.99				50 - 200		+/-0.50	
Chlorobenzene-d5	144463	7.19				50 - 200		+/-0.50	
LCS (9H26079-BS1)			Lab File ID: S8828.D			Analyzed: 08/26/09 19:25			
1,4-Dichlorobenzene-d4	138035	9.06	148863	9.05	93	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	264006	4.99	272481	4.99	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	138750	7.19	144463	7.19	96	50 - 200	0.0000	+/-0.50	
Blank (9H26079-BLK1)			Lab File ID: S8829.D			Analyzed: 08/26/09 19:51			
1,4-Dichlorobenzene-d4	140362	9.06	148863	9.05	94	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	261174	4.99	272481	4.99	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	139680	7.19	144463	7.19	97	50 - 200	0.0000	+/-0.50	
TRIP BLANK (RSH0772-19)			Lab File ID: S8834.D			Analyzed: 08/26/09 22:04			
1,4-Dichlorobenzene-d4	127735	9.06	148863	9.05	86	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	243671	4.99	272481	4.99	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	132693	7.19	144463	7.19	92	50 - 200	0.0000	+/-0.50	
PZ-1 (RSH0772-01)			Lab File ID: S8835.D			Analyzed: 08/26/09 22:29			
1,4-Dichlorobenzene-d4	132583	9.06	148863	9.05	89	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	252568	4.99	272481	4.99	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	136653	7.19	144463	7.19	95	50 - 200	0.0000	+/-0.50	
MW-F (RSH0772-02)			Lab File ID: S8836.D			Analyzed: 08/26/09 22:55			
1,4-Dichlorobenzene-d4	129967	9.06	148863	9.05	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	247702	4.99	272481	4.99	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	134533	7.19	144463	7.19	93	50 - 200	0.0000	+/-0.50	
Matrix Spike (9H26079-MS1)			Lab File ID: S8837.D			Analyzed: 08/26/09 23:21			
1,4-Dichlorobenzene-d4	131868	9.06	148863	9.05	89	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	255849	4.99	272481	4.99	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	133438	7.19	144463	7.19	92	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (9H26079-MSD1)			Lab File ID: S8838.D			Analyzed: 08/26/09 23:46			
1,4-Dichlorobenzene-d4	128768	9.06	148863	9.05	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	252367	4.99	272481	4.99	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	132300	7.19	144463	7.19	92	50 - 200	0.0000	+/-0.50	
MW-3 (RSH0772-05)			Lab File ID: S8839.D			Analyzed: 08/27/09 00:12			
1,4-Dichlorobenzene-d4	126299	9.06	148863	9.05	85	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	236904	4.99	272481	4.99	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	128816	7.19	144463	7.19	89	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: RH92618
Instrument: HP5973S
Matrix: ~~Solid-extr~~ WATER mm 8/31/2009
Calibration: R9G2906

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-4 (RSH0772-06)			Lab File ID: S8840.D			Analyzed: 08/27/09 00:37			
1,4-Dichlorobenzene-d4	124483	9.06	148863	9.05	84	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	234855	4.99	272481	4.99	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	128278	7.19	144463	7.19	89	50 - 200	0.0000	+/-0.50	
DOT MW-1 (RSH0772-07)			Lab File ID: S8841.D			Analyzed: 08/27/09 01:03			
1,4-Dichlorobenzene-d4	124251	9.06	148863	9.05	83	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	235826	4.99	272481	4.99	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	124703	7.19	144463	7.19	86	50 - 200	0.0000	+/-0.50	
MW-E (RSH0772-08)			Lab File ID: S8842.D			Analyzed: 08/27/09 01:29			
1,4-Dichlorobenzene-d4	125865	9.06	148863	9.05	85	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	232827	4.99	272481	4.99	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	126185	7.19	144463	7.19	87	50 - 200	0.0000	+/-0.50	
MW-B (RSH0772-09)			Lab File ID: S8843.D			Analyzed: 08/27/09 01:54			
1,4-Dichlorobenzene-d4	125823	9.06	148863	9.05	85	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	233162	4.99	272481	4.99	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	126656	7.19	144463	7.19	88	50 - 200	0.0000	+/-0.50	
MW-5 (RSH0772-10)			Lab File ID: S8844.D			Analyzed: 08/27/09 02:20			
1,4-Dichlorobenzene-d4	129886	9.06	148863	9.05	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	240592	4.99	272481	4.99	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	131431	7.19	144463	7.19	91	50 - 200	0.0000	+/-0.50	
MW-C (RSH0772-11)			Lab File ID: S8845.D			Analyzed: 08/27/09 02:45			
1,4-Dichlorobenzene-d4	126101	9.06	148863	9.05	85	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	232167	4.99	272481	4.99	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	126683	7.19	144463	7.19	88	50 - 200	0.0000	+/-0.50	
MW-1 (RSH0772-12)			Lab File ID: S8846.D			Analyzed: 08/27/09 03:11			
1,4-Dichlorobenzene-d4	126440	9.06	148863	9.05	85	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	234517	4.99	272481	4.99	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	127720	7.19	144463	7.19	88	50 - 200	0.0000	+/-0.50	
PW-1 (RSH0772-13)			Lab File ID: S8847.D			Analyzed: 08/27/09 03:36			
1,4-Dichlorobenzene-d4	123914	9.06	148863	9.05	83	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	230481	4.99	272481	4.99	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	124782	7.19	144463	7.19	86	50 - 200	0.0000	+/-0.50	
PZ-2 (RSH0772-14)			Lab File ID: S8848.D			Analyzed: 08/27/09 04:02			
1,4-Dichlorobenzene-d4	128787	9.06	148863	9.05	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	233639	4.99	272481	4.99	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	128908	7.19	144463	7.19	89	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: RH92618
Instrument: HP5973S
Matrix: ~~Solid-extr~~ WATER
Calibration: R9G2906

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FIELD BLANK (RSH0772-15)			Lab File ID: S8849.D			Analyzed: 08/27/09 04:27			
1,4-Dichlorobenzene-d4	128725	9.06	148863	9.05	86	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	233907	4.99	272481	4.99	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	128806	7.19	144463	7.19	89	50 - 200	0.0000	+/-0.50	
MW-D (RSH0772-16)			Lab File ID: S8850.D			Analyzed: 08/27/09 04:53			
1,4-Dichlorobenzene-d4	129907	9.06	148863	9.05	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	243692	4.99	272481	4.99	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	130775	7.19	144463	7.19	91	50 - 200	0.0000	+/-0.50	
DUP-1 (RSH0772-17)			Lab File ID: S8851.D			Analyzed: 08/27/09 05:18			
1,4-Dichlorobenzene-d4	128100	9.06	148863	9.05	86	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	240691	4.99	272481	4.99	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	130899	7.19	144463	7.19	91	50 - 200	0.0000	+/-0.50	
MW-2 (RSH0772-18)			Lab File ID: S8852.D			Analyzed: 08/27/09 05:44			
1,4-Dichlorobenzene-d4	134444	9.06	148863	9.05	90	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	239175	4.99	272481	4.99	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	132887	7.19	144463	7.19	92	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:** HP5973S

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.2650	0.4000	ug/L
1,1-Dichloroethane	0.3840	0.7500	ug/L
1,2-Dichlorobenzene	0.2030	0.5000	ug/L
1,3-Dichlorobenzene	0.3560	0.4000	ug/L
1,4-Dichlorobenzene	0.3920	0.4000	ug/L
Benzene	0.4100	0.4100	ug/L
Chlorobenzene	0.3174	0.4000	ug/L
Chloroethane	0.3237	0.4000	ug/L
cis-1,2-Dichloroethene	0.3850	0.4000	ug/L
Ethylbenzene	0.1840	0.4000	ug/L
m-Xylene & p-Xylene	0.6575	1.0000	ug/L
o-Xylene	0.3620	0.4000	ug/L
Tetrachloroethene	0.3649	0.4000	ug/L
Toluene	0.5100	0.6000	ug/L
trans-1,2-Dichloroethene	0.4190	0.4190	ug/L
Trichloroethene	0.4580	0.4580	ug/L
Vinyl chloride	0.2426	1.0000	ug/L
Xylenes, total	0.6575	1.0000	ug/L

PZ-1

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-01
File ID: S8835.D
Sampled: 08/24/09 11:34
Prepared: 08/26/09 16:47
Analyzed: 08/26/09 22:29
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	1.8	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.3	101	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.6	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	132583	9.06	148863	9.05	
1,4-Difluorobenzene	252568	4.99	272481	4.99	
Chlorobenzene-d5	136653	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8835.D Vial: 8
Acq On : 26 Aug 2009 22:29 Operator: NMD
Sample : RSH0772-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:35 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SR MJC 8/26/09

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	252568	25.00	ug/L	0.00 92.69%
43) CI20 Chlorobenzene-D5	7.19	82	136653	25.00	ug/L	0.00 94.59%
63) CI30 1,4-Dichlorobenzene-	9.06	152	132583	25.00	ug/L	0.00 89.06%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	72987	25.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%			
31) CS15 1,2-Dichloroethane-D	4.69	65	86579	25.27	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 101.08%			
44) CS05 Toluene-D8	6.07	98	276102	23.57	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 94.28%			
62) CS10 p-Bromofluorobenzene	8.12	174	93314	28.68	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 114.72%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	0.00	84	0	N.D.		
10) C040 Carbon disulfide	2.78	76	1235	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.74	43	879	Below Cal	#	43
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.07	96	5914	1.79	ug/L	91
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.70	78	160	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

mt 9/3/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8835.D Vial: 8
Acq On : 26 Aug 2009 22:29 Operator: NMD
Sample : RSH0772-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:35 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.13	92	172	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	941	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	154	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	~~10.91~~	~~128~~	~~857~~	~~1.10 ug/L~~	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

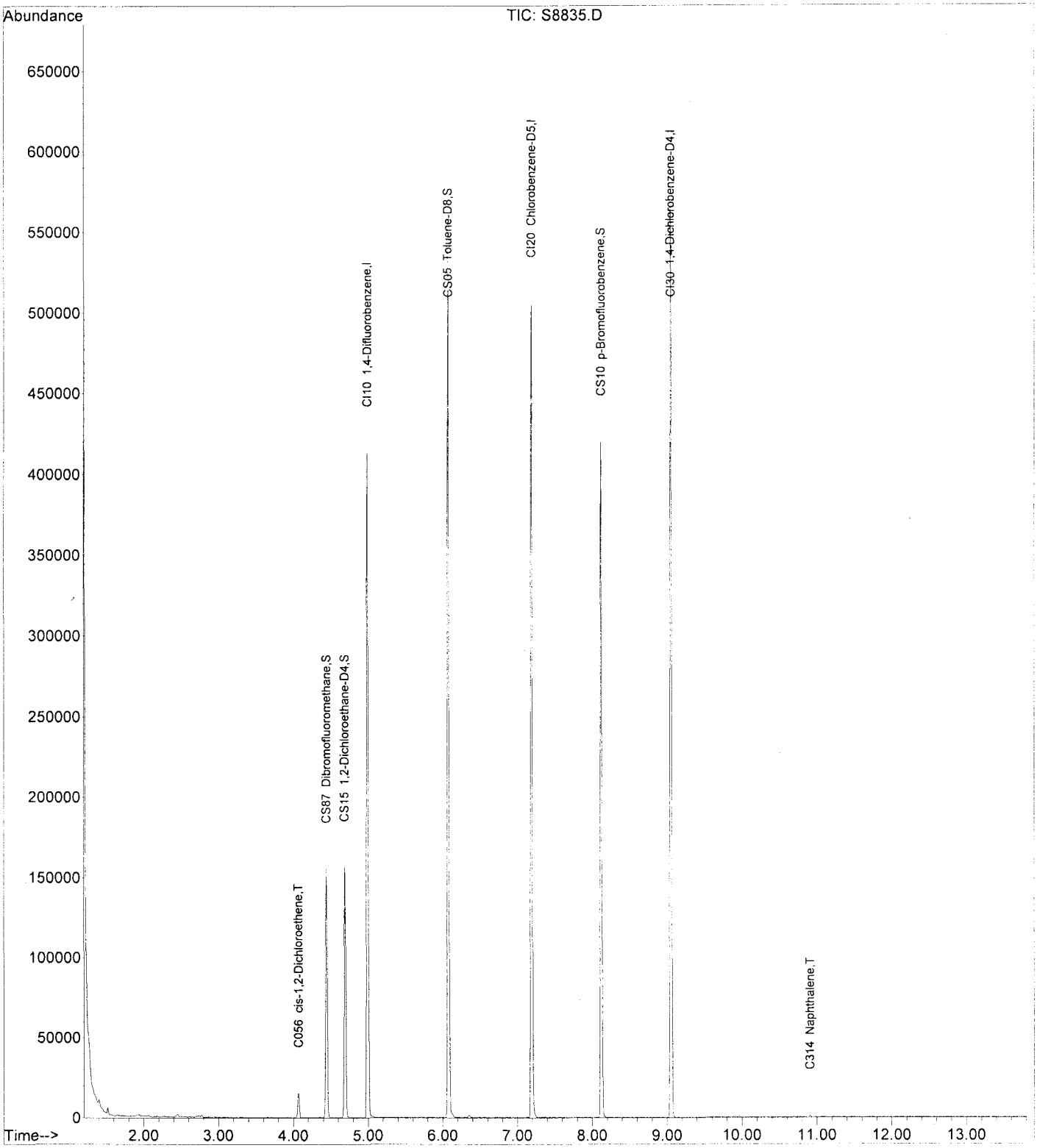
(#) = qualifier out of range (m) = manual integration (+) = signals summed

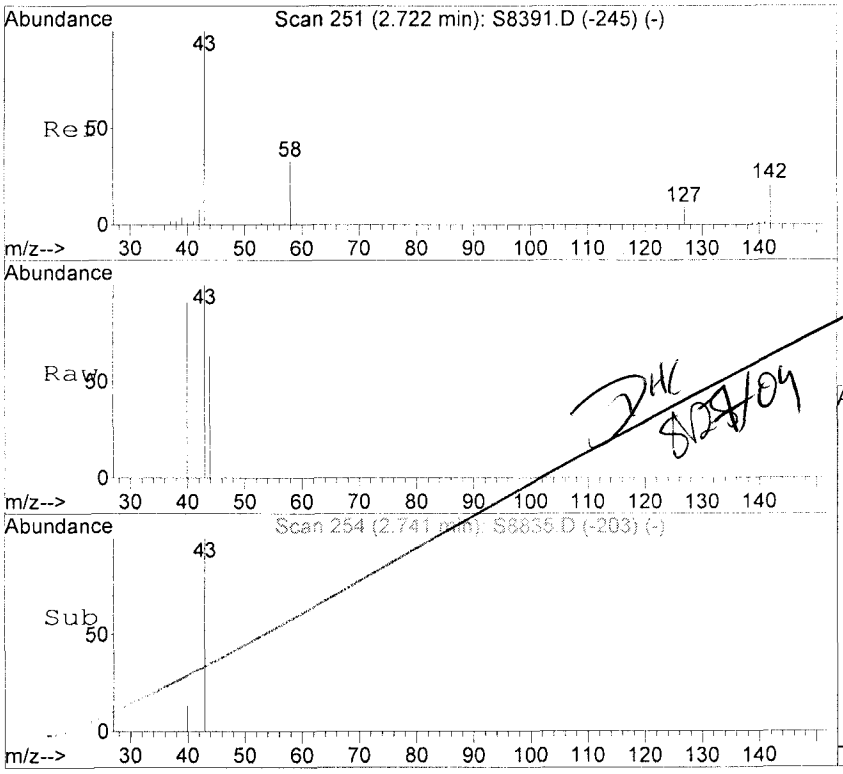
8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8835.D
Acq On : 26 Aug 2009 22:29
Sample : RSH0772-01
Misc :
MS Integration Params: RTEINT.P

Vial: 8
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 26 23:37:35 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

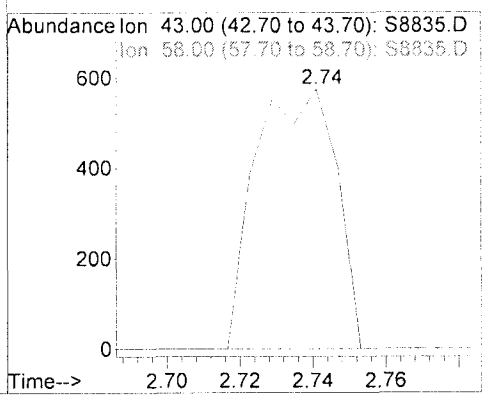


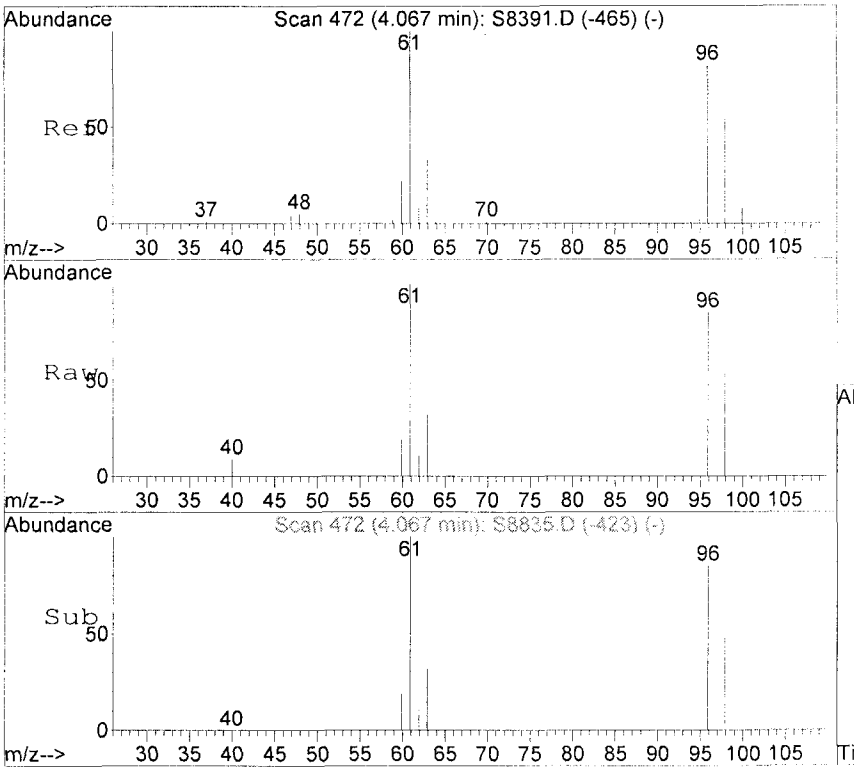


#13
C035 Acetone
Concen: Below Cal
RT: 2.74 min Scan# 254
Delta R.T. 0.01 min
Lab File: S8835.D
Acq: 26 Aug 2009 22:29

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

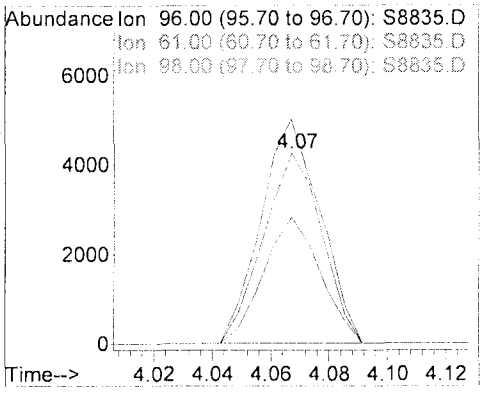




#23
C056 cis-1,2-Dichloroethene
Concen: 1.79 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8835.D
Acq: 26 Aug 2009 22:29

Tgt Ion: 96 Resp: 5914

Ion	Ratio	Lower	Upper
96	100		
61	117.9	99.9	159.9
98	66.2	31.8	91.8



MW-F

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-02
File ID: S8836.D
Sampled: 08/24/09 12:36
Prepared: 08/26/09 16:47
Analyzed: 08/26/09 22:55
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.3	
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	3.3	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	35	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.9	100	66 - 137	
4-Bromofluorobenzene	25.0	28.3	113	73 - 120	
Toluene-d8	25.0	23.6	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	129967	9.06	148863	9.05	
1,4-Difluorobenzene	247702	4.99	272481	4.99	
Chlorobenzene-d5	134533	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8836.D Vial: 9
Acq On : 26 Aug 2009 22:55 Operator: NMD
Sample : RSH0772-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:40 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

S+E MLR 8/26/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	247702	25.00	ug/L	0.00 90.91%
43) CI20	Chlorobenzene-D5	7.19	82	134533	25.00	ug/L	0.00 93.13%
63) CI30	1,4-Dichlorobenzene-	9.06	152	129967	25.00	ug/L	0.00 87.31%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	72112	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%	
31) CS15	1,2-Dichloroethane-D	4.69	65	83586	24.88	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	99.52%	
44) CS05	Toluene-D8	6.07	98	271749	23.57	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	94.28%	
62) CS10	p-Bromofluorobenzene	8.12	174	90535	28.26	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	113.04%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	1893	Below Cal		89
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	177	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.77	76	859	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.73	43	432	Below Cal	#	43
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.58	101	2767	1.05	ug/L	88
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	826	N.D.		
21) C125	Vinyl Acetate	3.64	43	1099	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	10634	3.29	ug/L	92
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroethan	4.42	97	5290	1.28	ug/L	99
29) C120	Carbon tetrachlori	4.42	117	316	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	608	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.18	95	105716	34.98	ug/L	98
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8836.D Vial: 9
Acq On : 26 Aug 2009 22:55 Operator: NMD
Sample : RSH0772-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:40 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

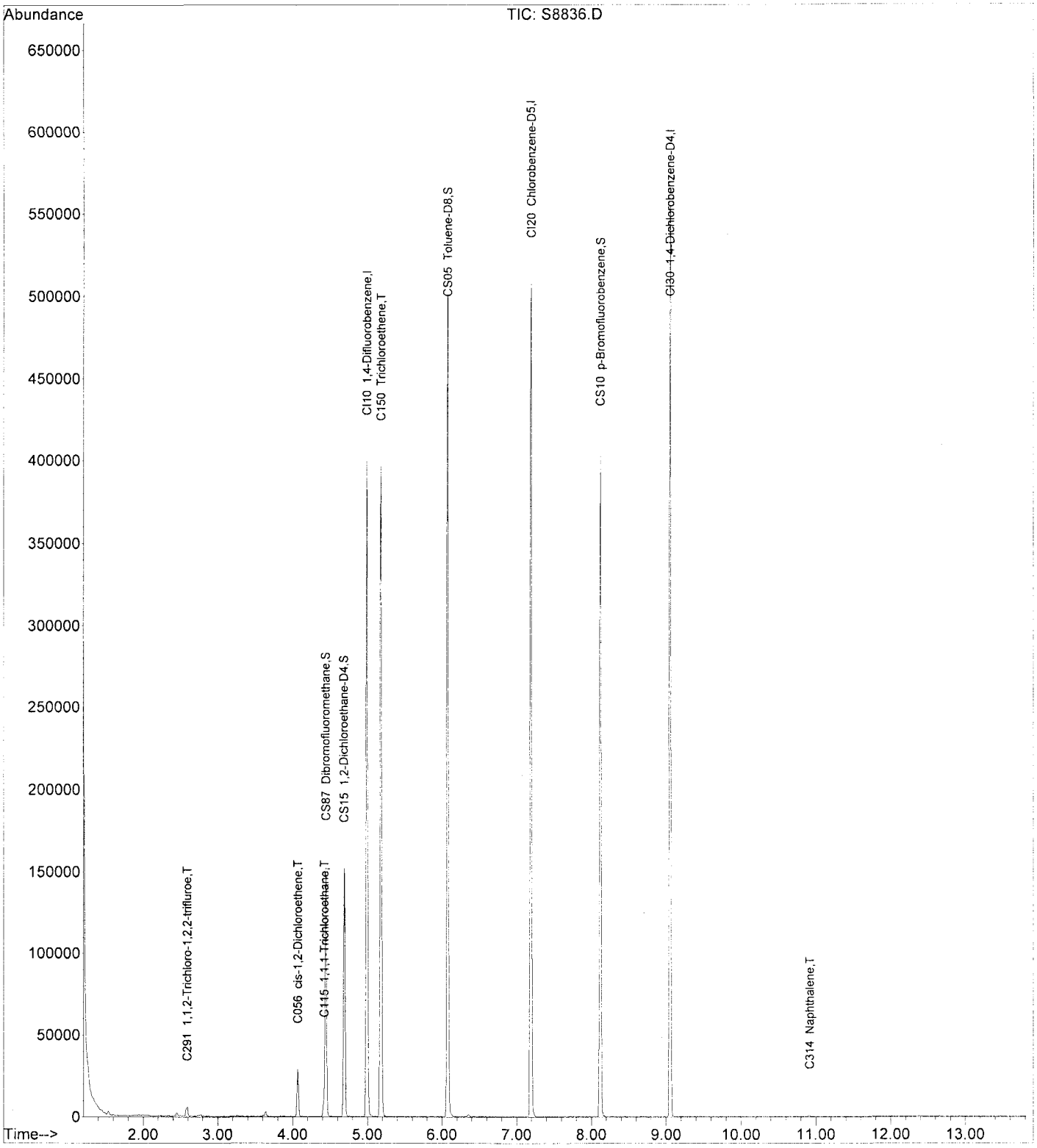
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.18	83	960	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	821	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	149	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	10.91	128	802	1.10 ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

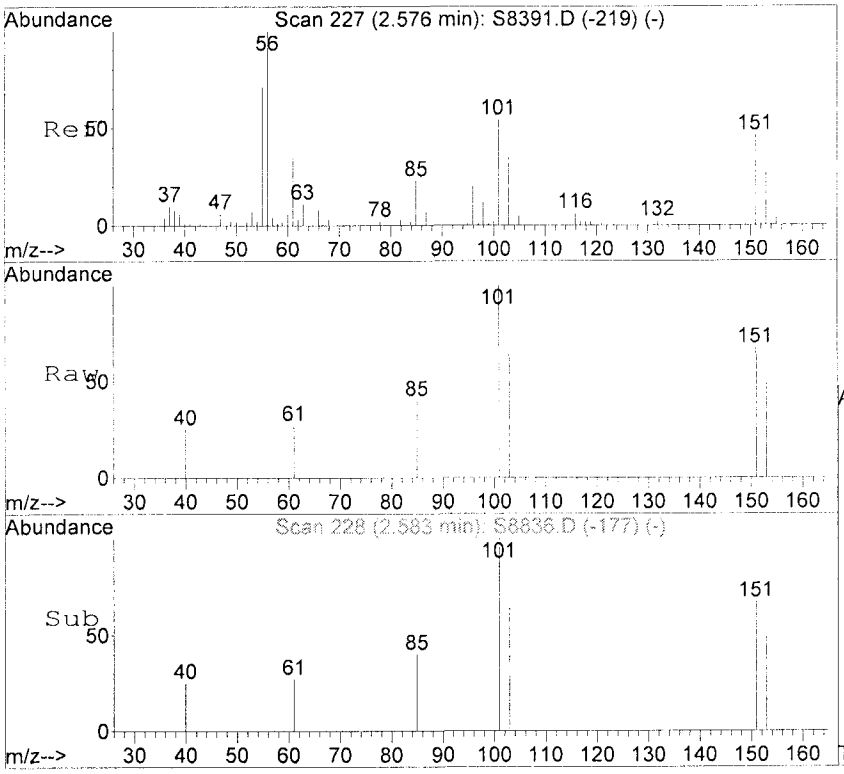
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8836.D Vial: 9
Acq On : 26 Aug 2009 22:55 Operator: NMD
Sample : RSH0772-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 26 23:37:40 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

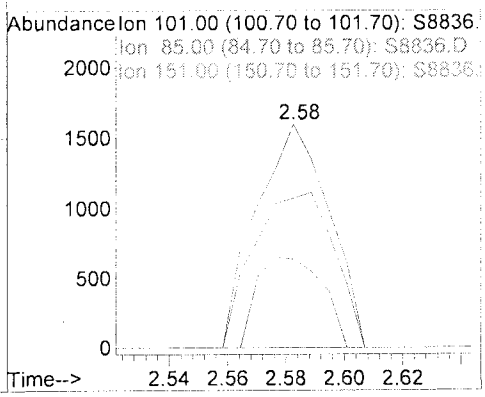


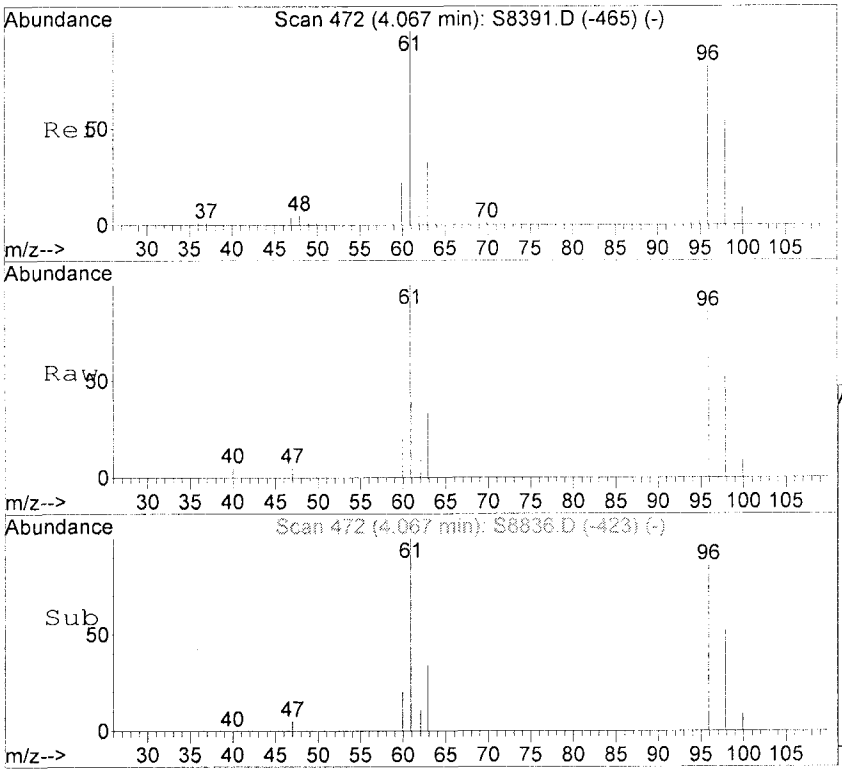


#16
C291 1,1,2-Trichlo[illegible]1,2,2-tr:
Concen: 1.05 ug/L
RT: 2.58 min Scan# 228
Delta R.T. 0.01 min
Lab File: S8836.D
Acq: 26 Aug 2009 22:55

Tgt Ion:101 Resp: 2767

Ion	Ratio	Lower	Upper
101	100		
85	36.4	35.0	52.6
151	76.7	70.9	106.3

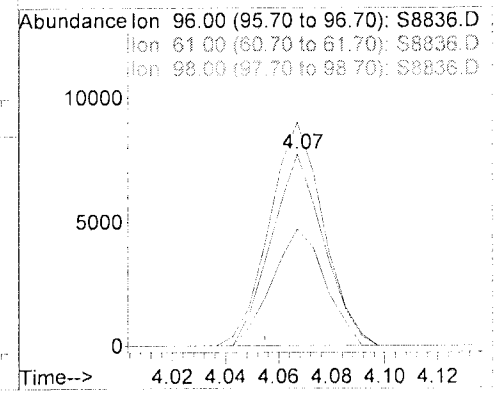


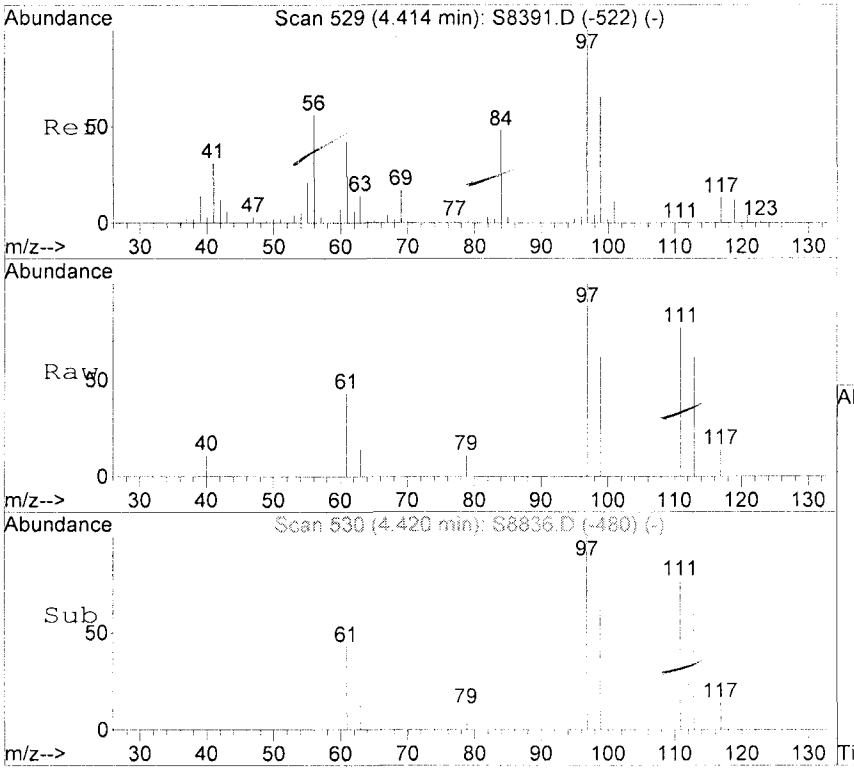


#23
C056 cis-1,2-Dichloroethene
Concen: 3.29 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8836.D
Acq: 26 Aug 2009 22:55

Tgt Ion: 96 Resp: 10634

Ion	Ratio	Lower	Upper
96	100		
61	116.5	99.9	159.9
98	60.8	31.8	91.8

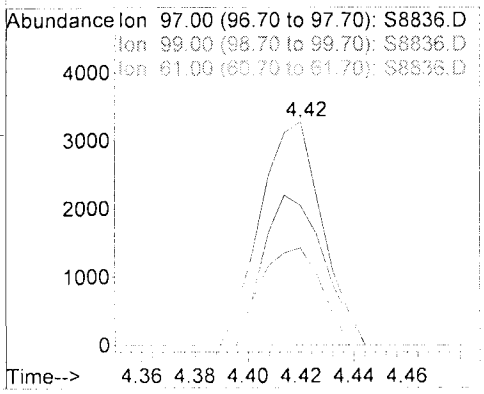


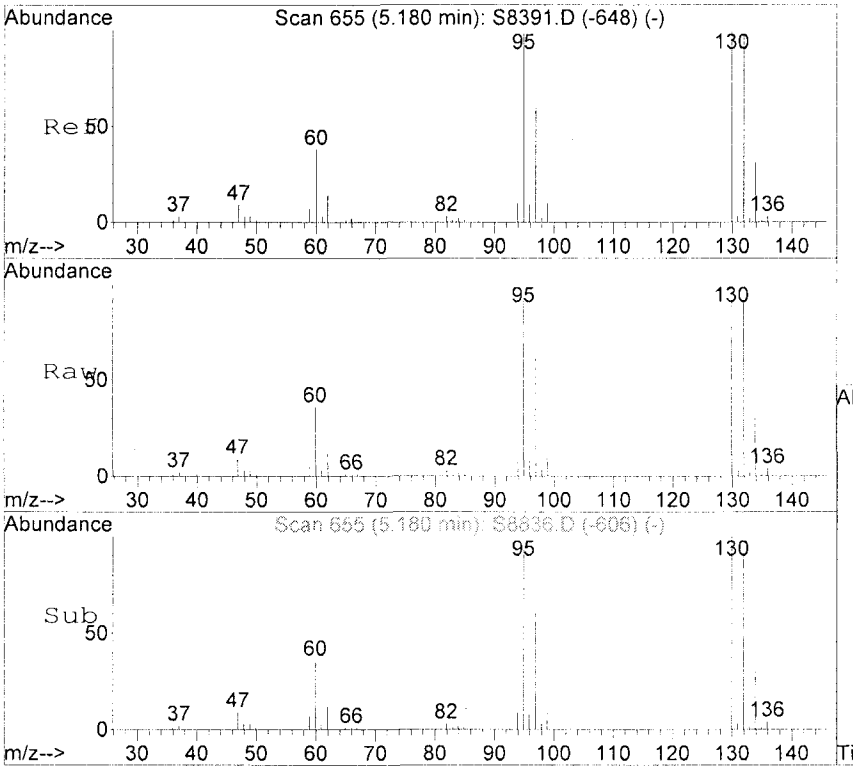


#28
C115 1,1,1-Trichloroethane
Concen: 1.28 ug/L
RT: 4.42 min Scan# 530
Delta R.T. 0.01 min
Lab File: S8836.D
Acq: 26 Aug 2009 22:55

Tgt Ion: 97 Resp: 5290

Ion	Ratio	Lower	Upper
97	100		
99	62.3	32.0	92.0
61	43.4	14.3	74.3

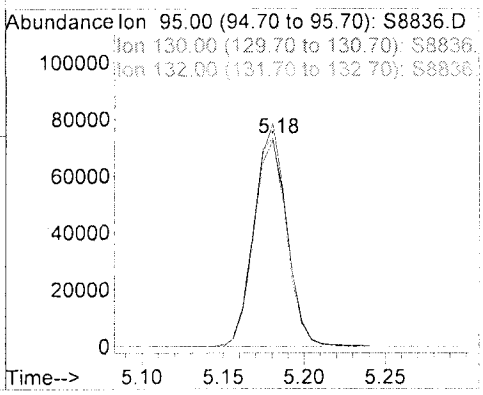




#36
C150 Trichloroethene
Concen: 34.98 ug/L
RT: 5.18 min Scan# 655
Delta R.T. -0.00 min
Lab File: S8836.D
Acq: 26 Aug 2009 22:55

Tgt Ion: 95 Resp: 105716

Ion	Ratio	Lower	Upper
95	100		
130	107.4	77.6	137.6
132	99.0	72.8	132.8



MW-3

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSH0772-05 File ID: S8839.D

Sampled: 08/24/09 13:35 Prepared: 08/26/09 16:47 Analyzed: 08/27/09 00:12

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

Batch: 9H26079 Sequence: RH92618 Calibration: R9G2906 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.3	101	66 - 137	
4-Bromofluorobenzene	25.0	28.6	114	73 - 120	
Toluene-d8	25.0	23.6	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	126299	9.06	148863	9.05	
1,4-Difluorobenzene	236904	4.99	272481	4.99	
Chlorobenzene-d5	128816	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8839.D Vial: 12
Acq On : 27 Aug 2009 00:12 Operator: NMD
Sample : RSH0772-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:39 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.99	114	236904	25.00	ug/L	0.00 86.94%
43)	CI20	Chlorobenzene-D5	7.19	82	128816	25.00	ug/L	0.00 89.17%
63)	CI30	1,4-Dichlorobenzene-	9.06	152	126299	25.00	ug/L	0.00 84.84%
	System Monitoring Compounds							
26)	CS87	Dibromofluoromethane	4.44	111	68476	25.96	ug/L	0.00
	Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%	
31)	CS15	1,2-Dichloroethane-D	4.69	65	81257	25.29	ug/L	0.00
	Spiked Amount	25.000	Range	66 - 137	Recovery	=	101.16%	
44)	CS05	Toluene-D8	6.07	98	260717	23.62	ug/L	0.00
	Spiked Amount	25.000	Range	71 - 126	Recovery	=	94.48%	
62)	CS10	p-Bromofluorobenzene	8.12	174	87642	28.58	ug/L	0.00
	Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.32%	
	Target Compounds							Qvalue
2)	C290	Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010	Chloromethane	0.00	50	0	N.D.		
4)	C020	Vinyl chloride	0.00	62	0	N.D.		
5)	C015	Bromomethane	0.00	94	0	N.D.		
6)	C025	Chloroethane	0.00	64	0	N.D.		
7)	C275	Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030	Methylene chloride	0.00	84	0	N.D.		
10)	C040	Carbon disulfide	2.77	76	892	N.D.		
11)	C036	Acrolein	0.00	56	0	N.D.		
12)	C038	Acrylonitrile	0.00	53	0	N.D.		
13)	C035	Acetone	2.73	43	395	Below Cal	#	43
14)	C300	Acetonitrile	0.00	41	0	N.D.		
15)	C276	Iodomethane	0.00	142	0	N.D.		
16)	C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17)	C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255	Methyl Acetate	0.00	43	0	N.D.		
20)	C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125	Vinyl Acetate	0.00	43	0	N.D.		
22)	C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
27)	C060	Chloroform	0.00	83	0	N.D.		
28)	C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29)	C120	Carbon tetrachlori	0.00	117	0	N.D.		
30)	C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165	Benzene	0.00	78	0	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	0.00	43	0	N.D.		
35)	C256	Cyclohexane	0.00	56	0	N.D.		
36)	C150	Trichloroethene	0.00	95	0	N.D.		
37)	C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		

Data File : D:\MSDCHEM\S\DATA\082609\S8839.D Vial: 12
Acq On : 27 Aug 2009 00:12 Operator: NMD
Sample : RSH0772-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:39 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	909	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.21	112	524	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.90	128	865	1.10	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

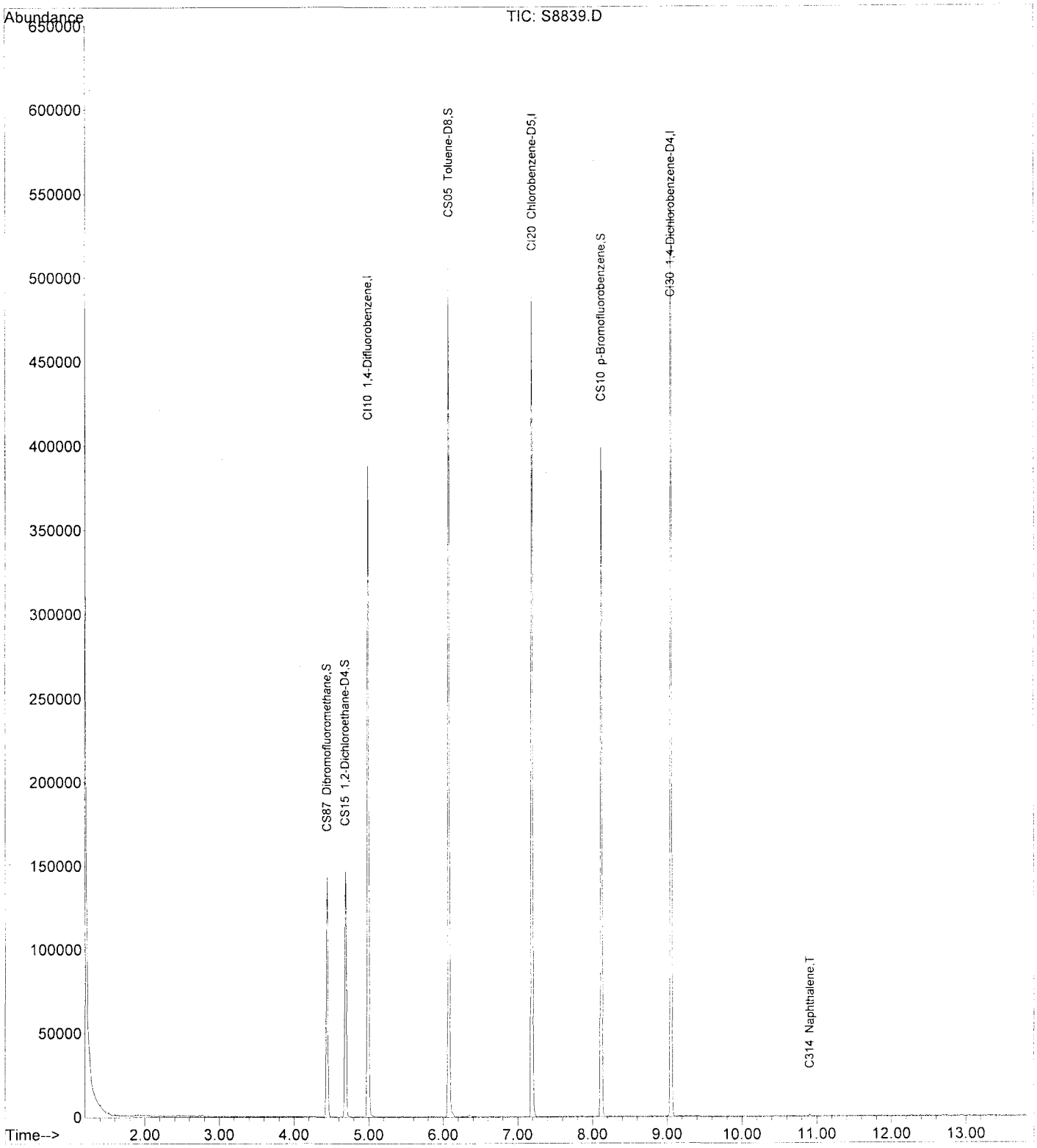
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8839.D
Acq On : 27 Aug 2009 00:12
Sample : RSH0772-05
Misc :
MS Integration Params: RTEINT.P

Vial: 12
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:39 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



MW-4

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-06
File ID: S8840.D
Sampled: 08/24/09 13:35
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 00:37
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.8	103	66 - 137	
4-Bromofluorobenzene	25.0	28.9	116	73 - 120	
Toluene-d8	25.0	23.9	96	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	124483	9.06	148863	9.05	
1,4-Difluorobenzene	234855	4.99	272481	4.99	
Chlorobenzene-d5	128278	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8840.D Vial: 13
Acq On : 27 Aug 2009 00:37 Operator: NMD
Sample : RSH0772-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:44 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	234855	25.00	ug/L	0.00 86.19%
43) CI20	Chlorobenzene-D5	7.19	82	128278	25.00	ug/L	0.00 88.80%
63) CI30	1,4-Dichlorobenzene-	9.06	152	124483	25.00	ug/L	0.00 83.62%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	69957	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%	
31) CS15	1,2-Dichloroethane-D	4.69	65	82320	25.84	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	103.36%	
44) CS05	Toluene-D8	6.07	98	263128	23.93	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.72%	
62) CS10	p-Bromofluorobenzene	8.12	174	88192	28.88	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	115.52%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	2.77	76	688	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.73	43	593	Below Cal # 43
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	0.00	83	0	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	0.00	78	0	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

Data File : D:\MSDCHEM\S\DATA\082609\S8840.D Vial: 13
Acq On : 27 Aug 2009 00:37 Operator: NMD
Sample : RSH0772-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:44 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	717	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	735	1.09	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

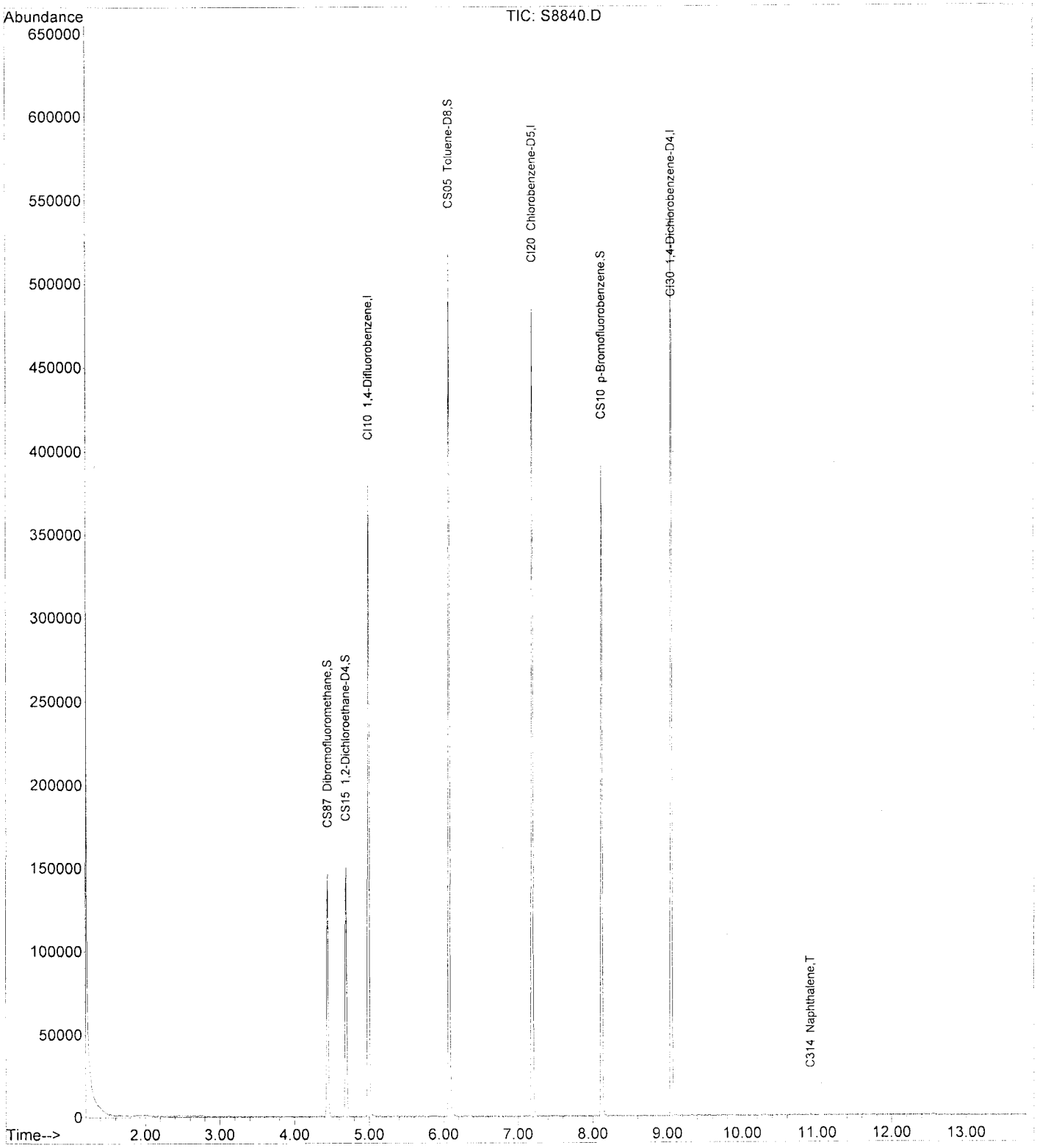
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8840.D
Acq On : 27 Aug 2009 00:37
Sample : RSH0772-06
Misc :
MS Integration Params: RTEINT.P

Vial: 13
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:44 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

DOT MW-1

Laboratory: TestAmerica Buffalo | SDG:

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

Matrix: Water | Laboratory ID: RSH0772-07 | File ID: S8841.D

Sampled: 08/24/09 14:00 | Prepared: 08/26/09 16:47 | Analyzed: 08/27/09 01:03

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

Batch: 9H26079 | Sequence: RH92618 | Calibration: R9G2906 | Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.51	
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	8.0	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.9	100	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	124251	9.06	148863	9.05	
1,4-Difluorobenzene	235826	4.99	272481	4.99	
Chlorobenzene-d5	124703	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8841.D Vial: 14
Acq On : 27 Aug 2009 1:03 Operator: NMD
Sample : RSH0772-07 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:49 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	235826	25.00	ug/L	0.00 86.55%
43) CI20	Chlorobenzene-D5	7.19	82	124703	25.00	ug/L	0.00 86.32%
63) CI30	1,4-Dichlorobenzene-	9.06	152	124251	25.00	ug/L	0.00 83.47%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	69073	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%	
31) CS15	1,2-Dichloroethane-D	4.69	65	79707	24.92	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	99.68%	
44) CS05	Toluene-D8	6.07	98	253892	23.76	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.04%	
62) CS10	p-Bromofluorobenzene	8.12	174	85125	28.67	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.68%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.77	76	504	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	2044	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	24538	7.96	ug/L	93
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroethan	4.41	97	1997	0.51	ug/L	98
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	0.00	78	0	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8841.D Vial: 14
Acq On : 27 Aug 2009 1:03 Operator: NMD
Sample : RSH0772-07 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:49 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	794	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	~~10.91~~	128	566	1.08	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

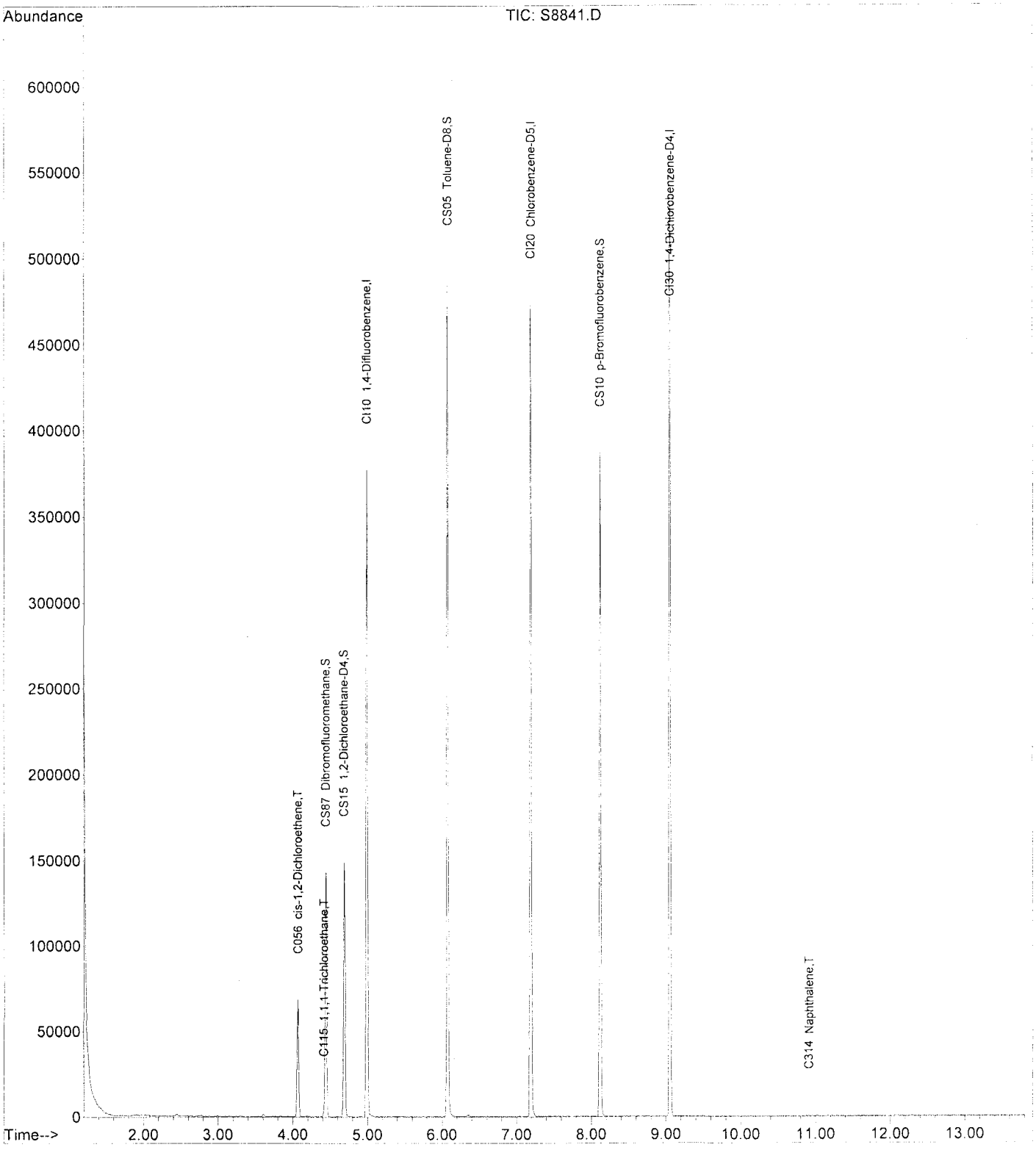
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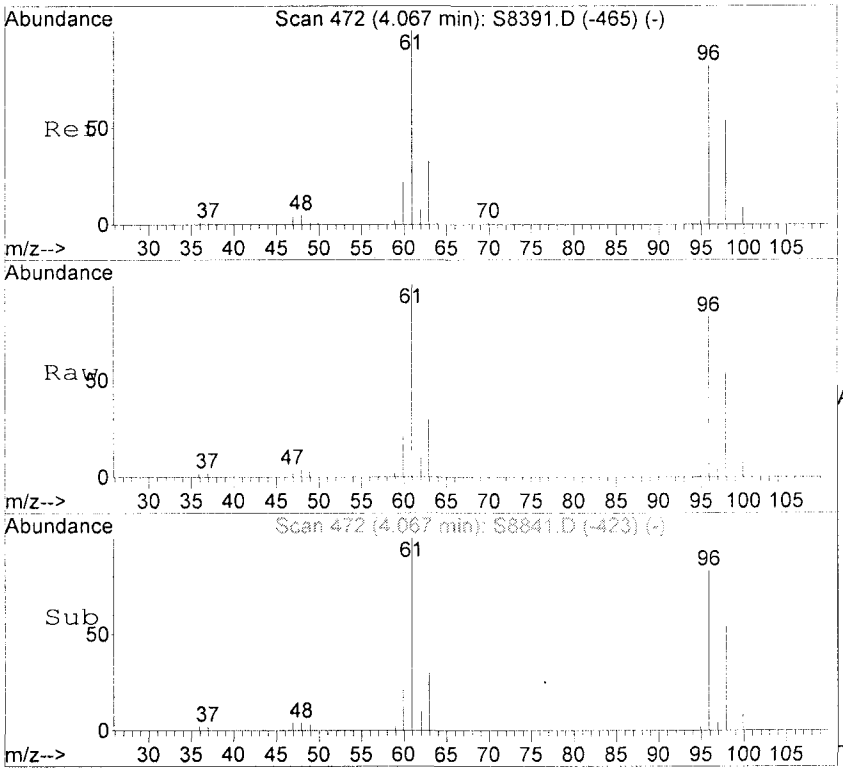
9/3/09

Data File : D:\MSDCHEM\S\DATA\082609\S8841.D
Acq On : 27 Aug 2009 1:03
Sample : RSH0772-07
Misc :
MS Integration Params: RTEINT.P

Vial: 14
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:49 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

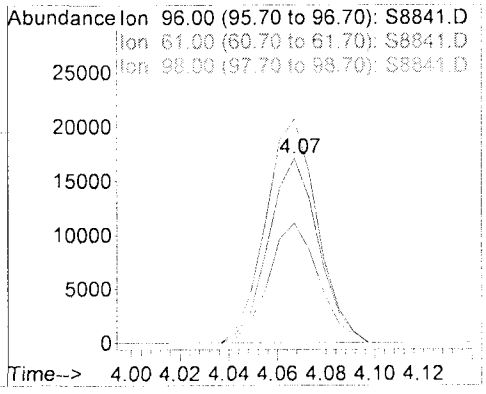


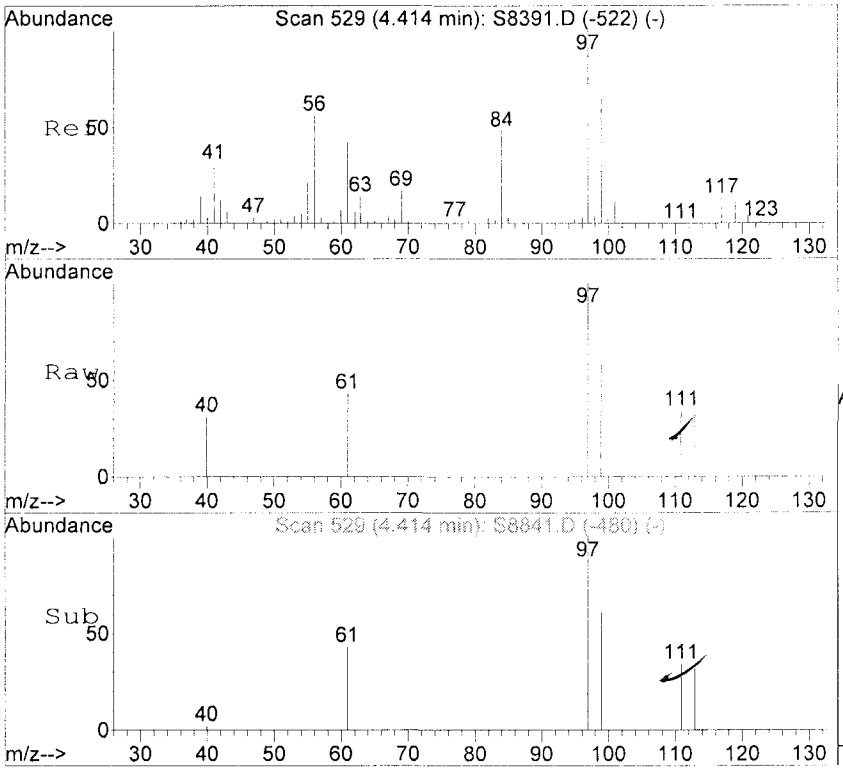


#23 71/199
C056 cis-1,2-Dichloroethene
Concen: 7.96 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8841.D
Acq: 27 Aug 2009 1:03

Tgt Ion: 96 Resp: 24538

Ion	Ratio	Lower	Upper
96	100		
61	121.0	99.9	159.9
98	64.9	31.8	91.8

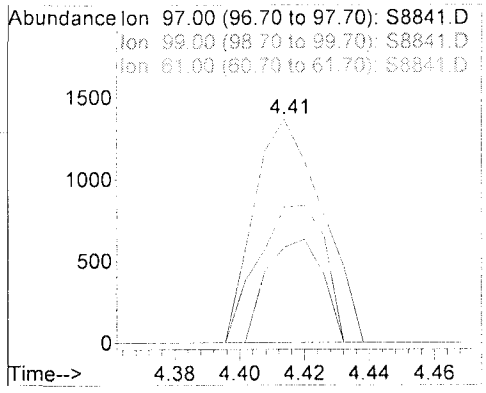




#28
C115 1,1,1-Trichloroethane
Concen: 0.51 ug/L
RT: 4.41 min Scan# 529
Delta R.T. -0.00 min
Lab File: S8841.D
Acq: 27 Aug 2009 1:03

Tgt Ion: 97 Resp: 1997

Ion	Ratio	Lower	Upper
97	100		
99	60.8	32.0	92.0
61	42.8	14.3	74.3



MW-E

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-08
File ID: S8842.D
Sampled: 08/24/09 15:39
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 01:29
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	10	
75-34-3	1,1-Dichloroethane	1	4.4	
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	14	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	26	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.2	101	66 - 137	
4-Bromofluorobenzene	25.0	28.6	114	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	125865	9.06	148863	9.05	
1,4-Difluorobenzene	232827	4.99	272481	4.99	
Chlorobenzene-d5	126185	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8842.D Vial: 15
Acq On : 27 Aug 2009 1:29 Operator: NMD
Sample : RSH0772-08 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:54 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	232827	25.00	ug/L	0.00 85.45%
43) CI20 Chlorobenzene-D5	7.19	82	126185	25.00	ug/L	0.00 87.35%
63) CI30 1,4-Dichlorobenzene-	9.06	152	125865	25.00	ug/L	0.00 84.55%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	71288	27.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.00%			
31) CS15 1,2-Dichloroethane-D	4.69	65	79617	25.21	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 100.84%			
44) CS05 Toluene-D8	6.07	98	253702	23.46	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 93.84%			
62) CS10 p-Bromofluorobenzene	8.12	174	85967	28.61	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 114.44%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	1.26	85	130	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.54	62	1376	Below Cal		87
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.59	96	1964	0.79	ug/L	88
9) C030 Methylene chloride	0.00	84	0	N.D.		
10) C040 Carbon disulfide	2.77	76	543	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.73	43	415	Below Cal #		43
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,2,	2.58	101	11470	4.65	ug/L	90
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	3.26	96	843	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	3.60	63	22430	4.42	ug/L	96
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.07	96	43762	14.38	ug/L	94
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	4.32	83	2148	N.D.		
28) C115 1,1,1-Trichloroethan	4.41	97	39302	10.10	ug/L	97
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.70	78	145	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.18	95	73756	25.96	ug/L	98
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8842.D Vial: 15
Acq On : 27 Aug 2009 1:29 Operator: NMD
Sample : RSH0772-08 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:54 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

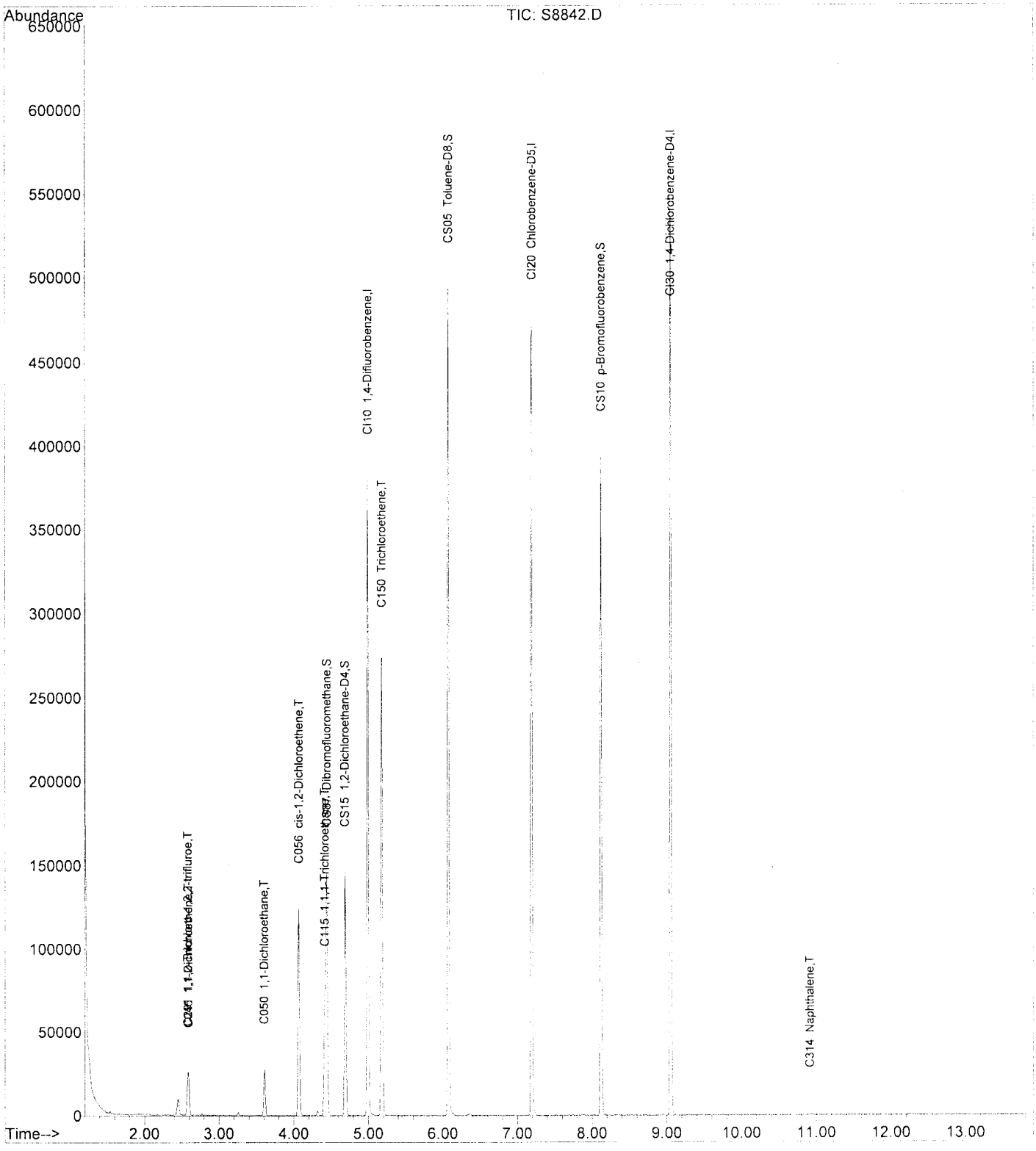
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.17	83	684	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	892	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	131	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	534	1.07	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

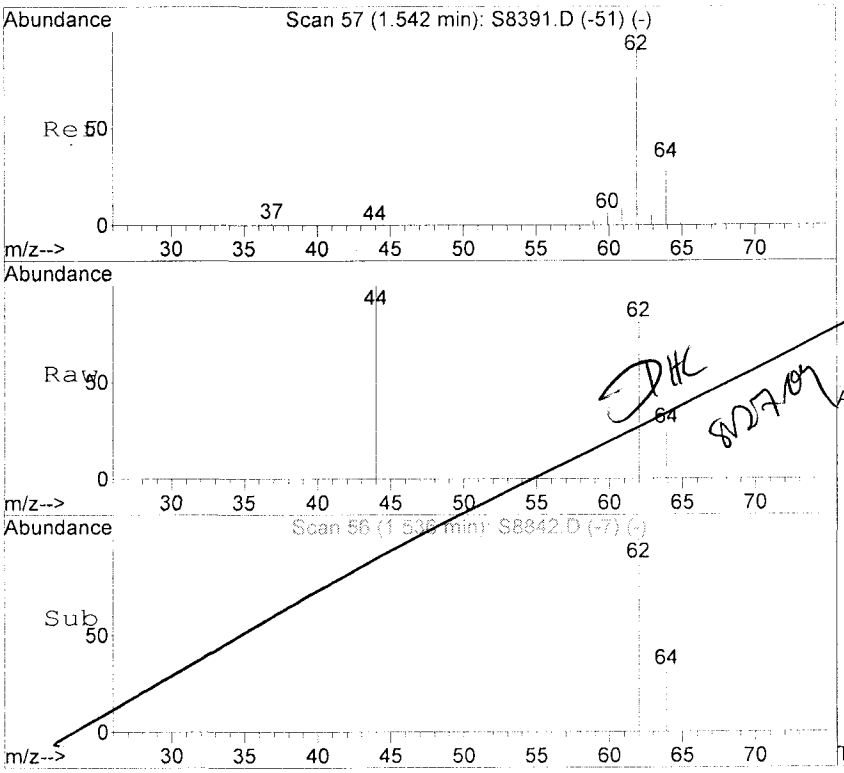
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDCHEM\S\DATA\082609\S8842.D
Acq On : 27 Aug 2009 1:29
Sample : RSH0772-08
Misc :
MS Integration Params: RTEINT.P

Vial: 15
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:54 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

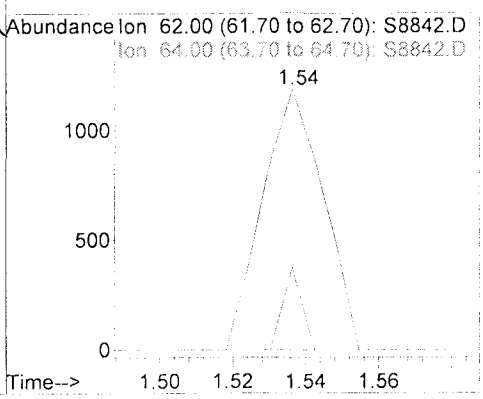


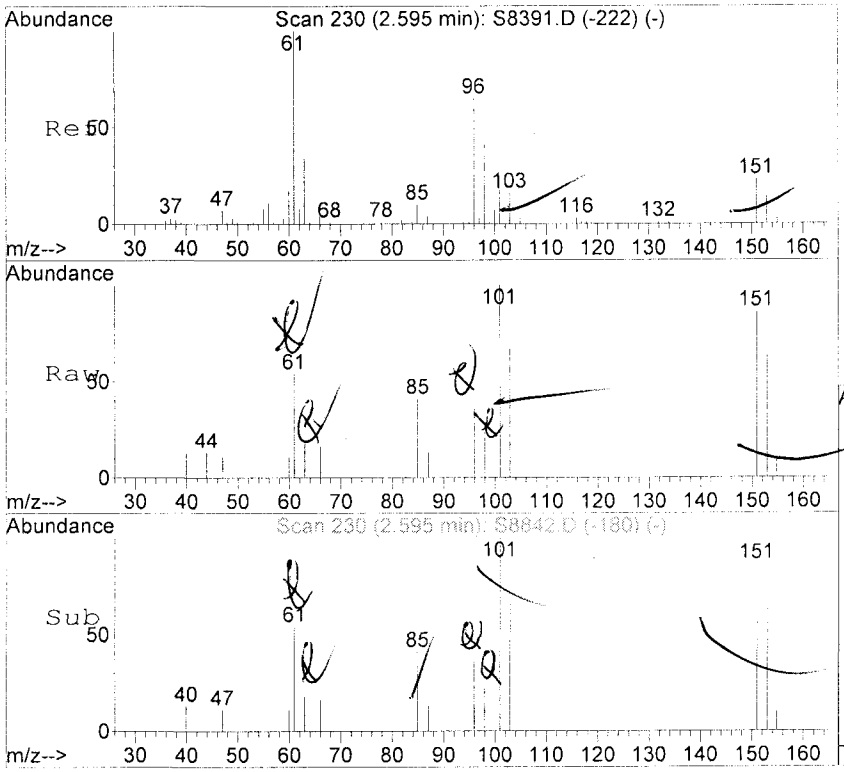


#4
C020 Vinyl chloride
Concen: Below Cal
RT: 1.54 min Scan# 56
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 62 Resp: 1376

Ion	Ratio	Lower	Upper
62	100		
64	31.6	9.4	69.4

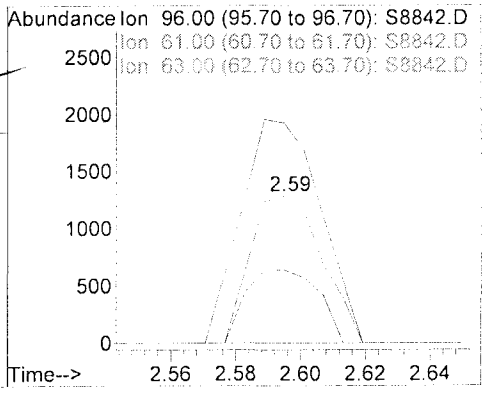


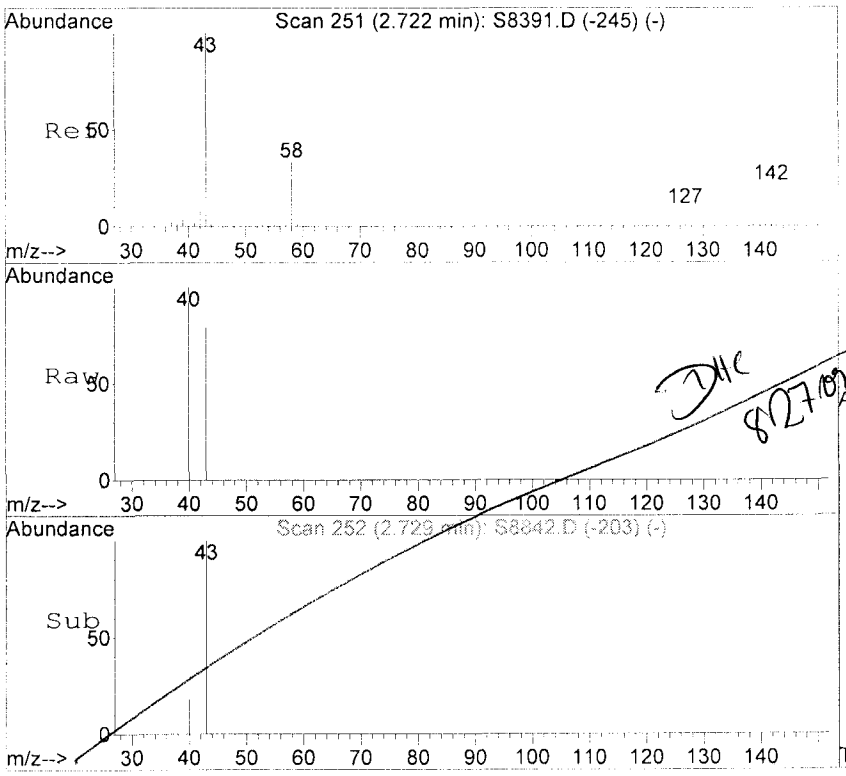


#8
C045 1,1-Dichloroethene
Concen: 0.79 ug/L
RT: 2.59 min Scan# 230
Delta R.T. 0.01 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 96 Resp: 1964

Ion	Ratio	Lower	Upper
96	100		
61	150.1	140.6	200.6
63	49.8	21.9	81.9



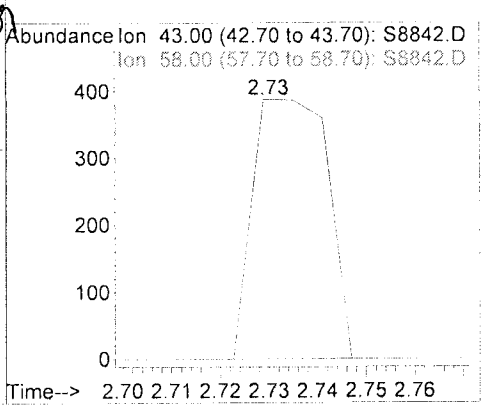


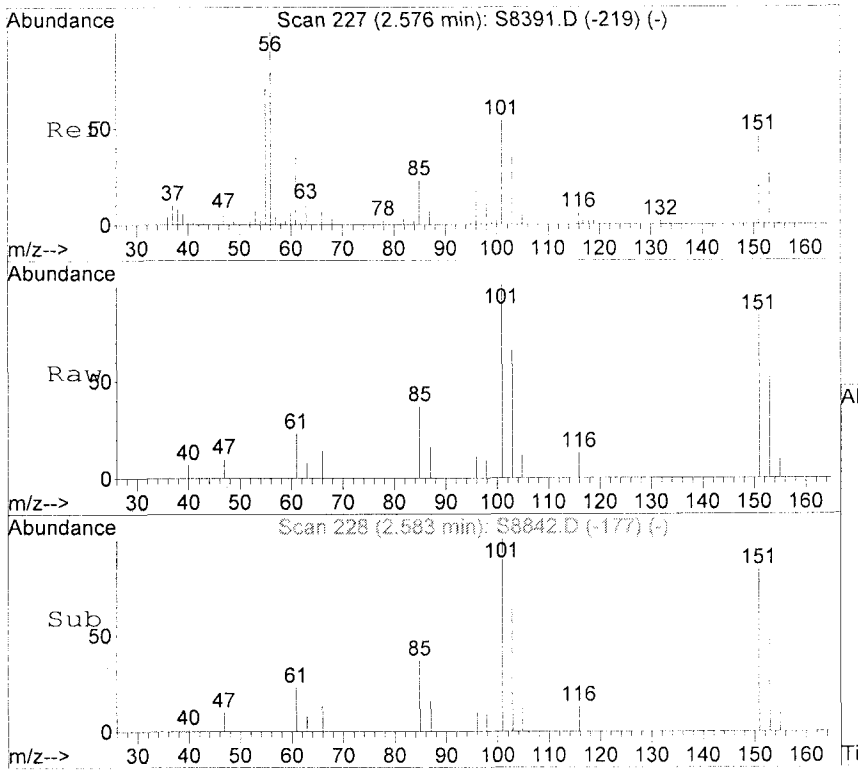
#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 252
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 43 Resp: 415

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

DHC 8/27/09

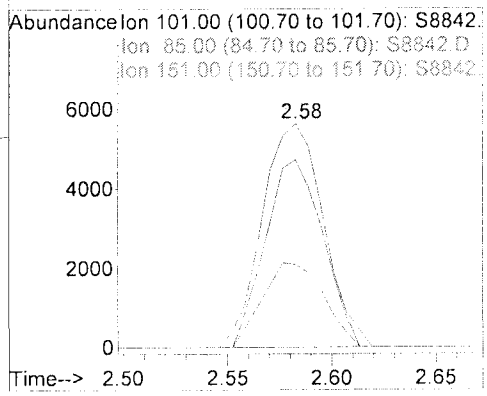


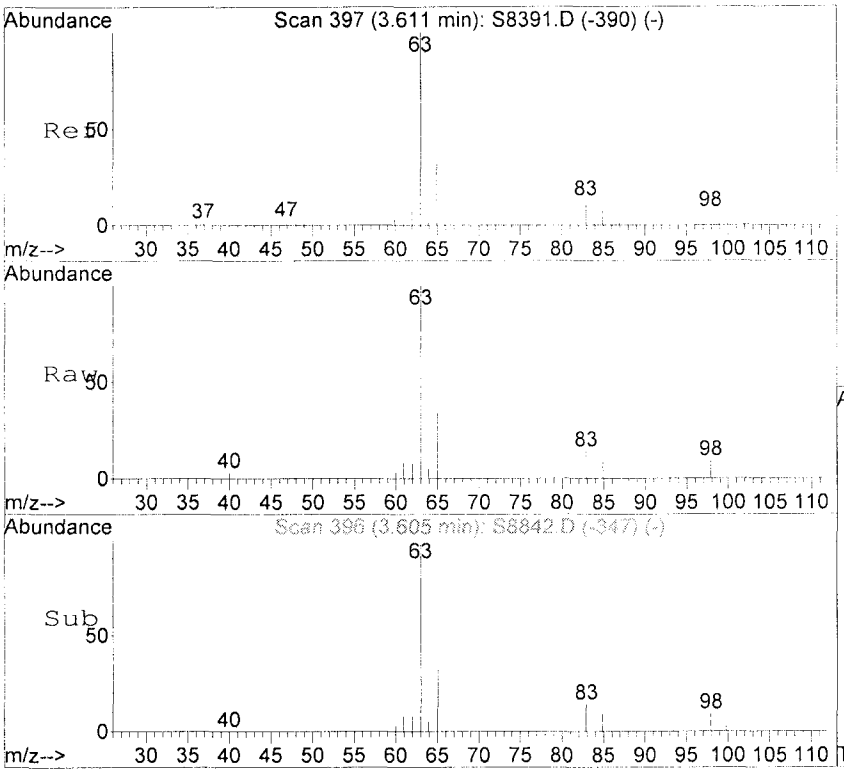


#16
C291 1,1,2-Trichloro-1,2,2-tr
Concen: 4.65 ug/L
RT: 2.58 min Scan# 228
Delta R.T. 0.01 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion:101 Resp: 11470

Ion	Ratio	Lower	Upper
101	100		
85	37.7	35.0	52.6
151	79.2	70.9	106.3

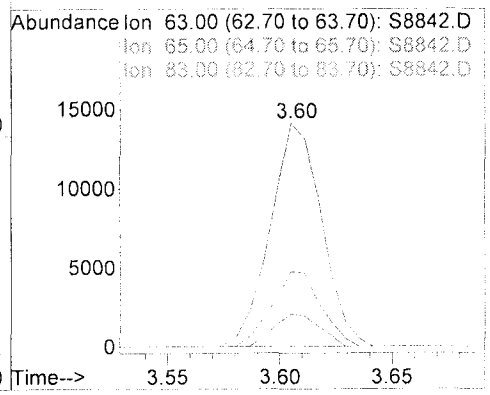


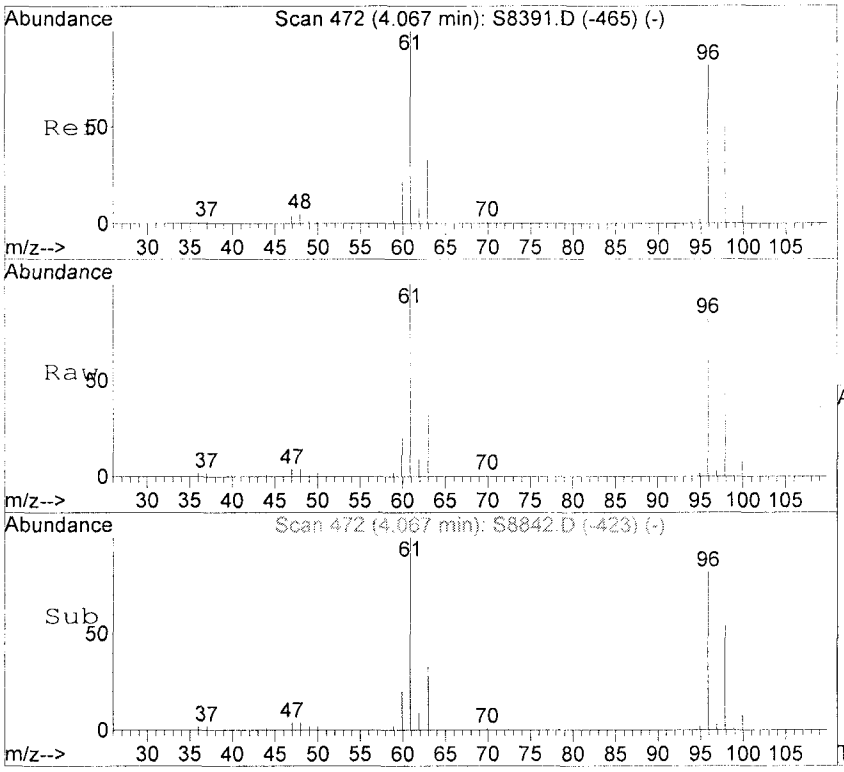


#20
C050 1,1-Dichloroethane
Concen: 4.42 ug/L
RT: 3.60 min Scan# 396
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 63 Resp: 22430

Ion	Ratio	Lower	Upper
63	100		
65	33.6	1.5	61.5
83	14.4	0.0	43.0

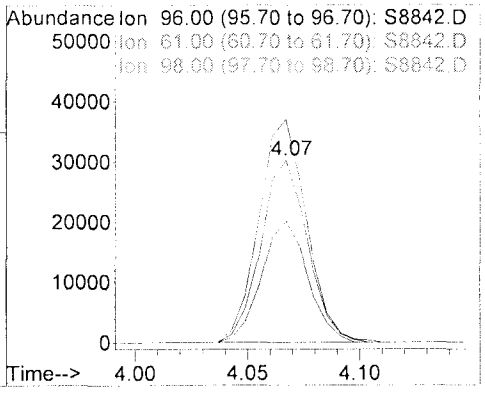


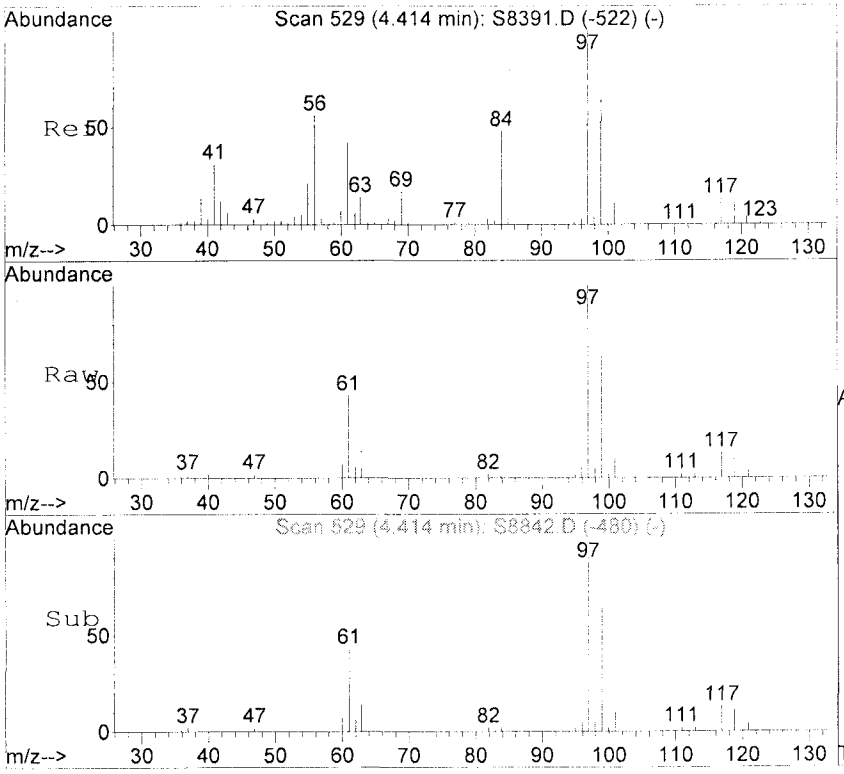


#23
C056 cis-1,2-Dichloroethene
Concen: 14.38 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 96 Resp: 43762

Ion	Ratio	Lower	Upper
96	100		
61	122.5	99.9	159.9
98	66.4	31.8	91.8

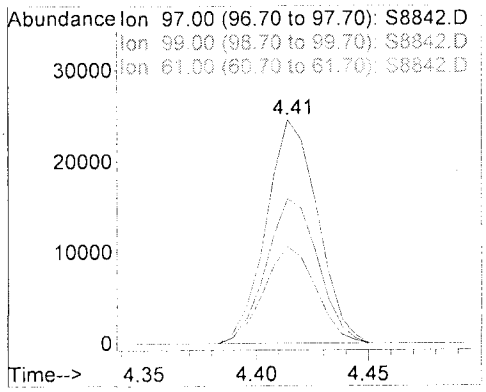


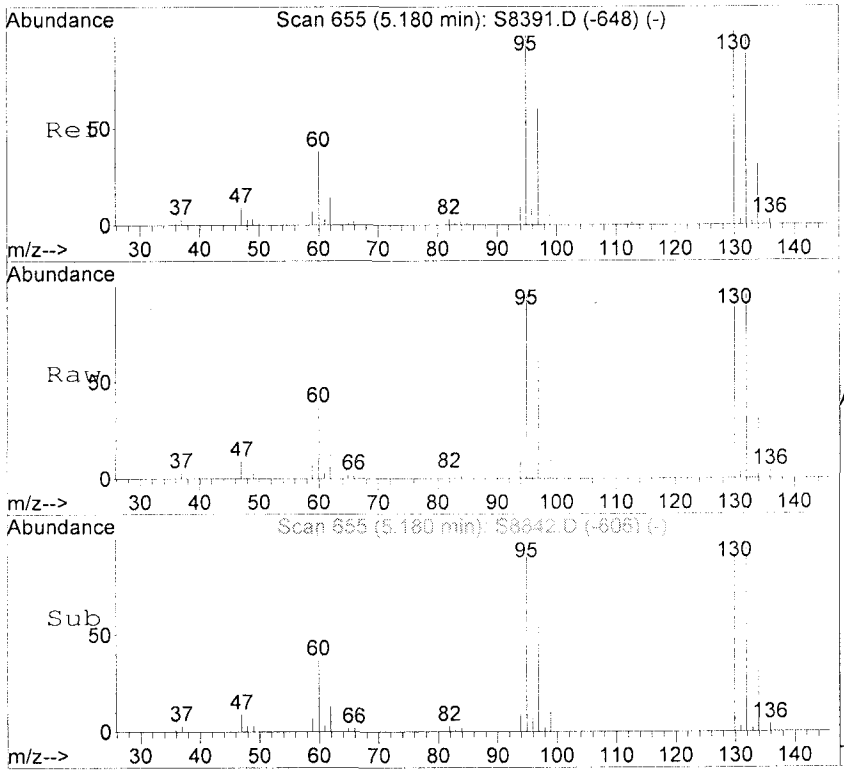


#28
C115 1,1,1-Trichloroethane
Concen: 10.10 ug/L
RT: 4.41 min Scan# 529
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 97 Resp: 39302

Ion	Ratio	Lower	Upper
97	100		
99	64.7	32.0	92.0
61	43.1	14.3	74.3

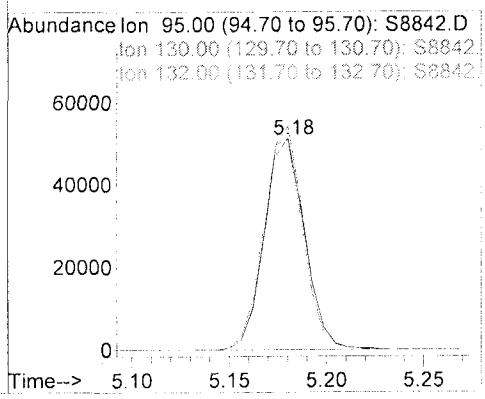




#36
C150 Trichloroethene
Concen: 25.96 ug/L
RT: 5.18 min Scan# 655
Delta R.T. -0.00 min
Lab File: S8842.D
Acq: 27 Aug 2009 1:29

Tgt Ion: 95 Resp: 73756

Ion	Ratio	Lower	Upper
95	100		
130	106.5	77.6	137.6
132	100.8	72.8	132.8



MW-B

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-09
File ID: S8843.D
Sampled: 08/24/09 15:40
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 01:54
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	5.0	
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.3	101	66 - 137	
4-Bromofluorobenzene	25.0	28.4	114	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	125823	9.06	148863	9.05	
1,4-Difluorobenzene	233162	4.99	272481	4.99	
Chlorobenzene-d5	126656	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

81/199

Data File : D:\MSDCHEM\S\DATA\082609\S8843.D Vial: 16
Acq On : 27 Aug 2009 1:54 Operator: NMD
Sample : RSH0772-09 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:58 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	233162	25.00	ug/L	0.00 85.57%
43) CI20	Chlorobenzene-D5	7.19	82	126656	25.00	ug/L	0.00 87.67%
63) CI30	1,4-Dichlorobenzene-	9.06	152	125823	25.00	ug/L	0.00 84.52%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	68746	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%	
31) CS15	1,2-Dichloroethane-D	4.69	65	80080	25.32	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	101.28%	
44) CS05	Toluene-D8	6.07	98	253984	23.40	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	93.60%	
62) CS10	p-Bromofluorobenzene	8.12	174	85749	28.43	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	113.72%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	2.77	76	849	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.73	43	131	Below Cal # 43
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	4.32	83	429	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	0.00	78	0	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8843.D Vial: 16
Acq On : 27 Aug 2009 1:54 Operator: NMD
Sample : RSH0772-09 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:58 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.12	92	38744	5.03 ug/L	91
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	697	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	273	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	10.91	128	543	1.07 ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

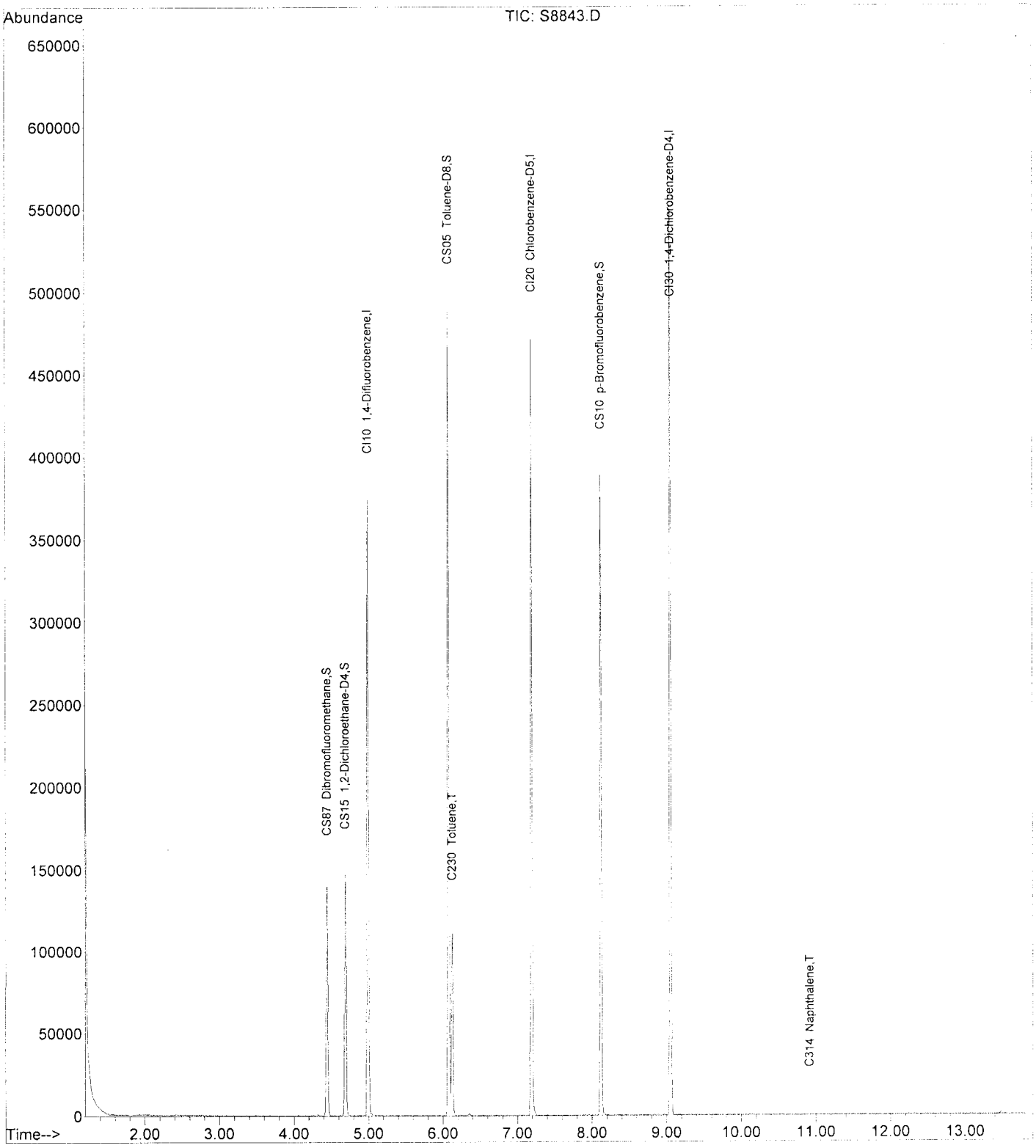
(#) = qualifier out of range (m) = manual integration (+) = signals summed

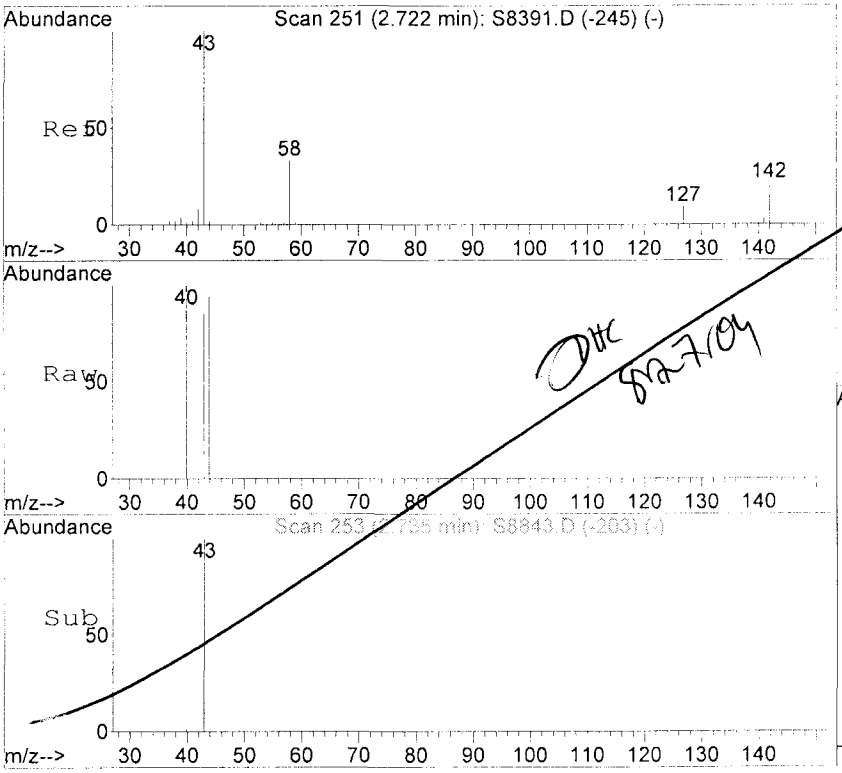
8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8843.D
Acq On : 27 Aug 2009 1:54
Sample : RSH0772-09
Misc :
MS Integration Params: RTEINT.P

Vial: 16
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:58 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



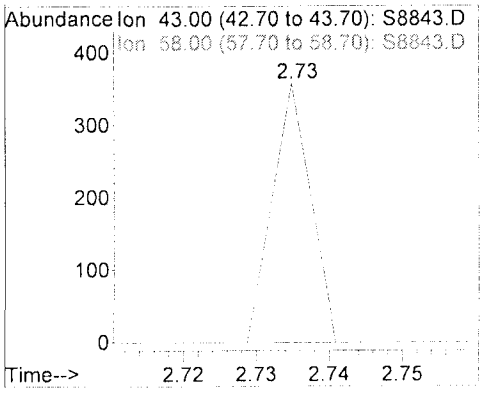


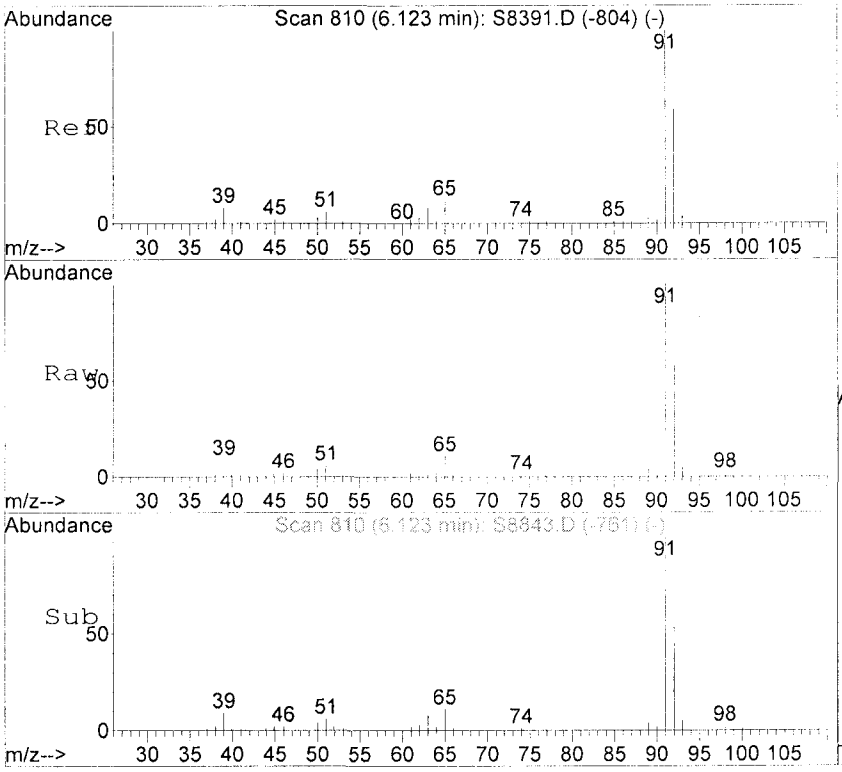
#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8843.D
Acq: 27 Aug 2009 1:54

84/199

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

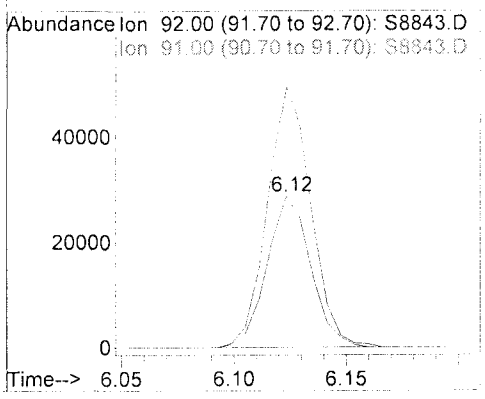




#45
C230 Toluene
Concen: 5.03 ug/L
RT: 6.12 min Scan# 810
Delta R.T. -0.00 min
Lab File: S8843.D
Acq: 27 Aug 2009 1:54

Tgt Ion: 92 Resp: 38744

Ion	Ratio	Lower	Upper
92	100		
91	173.1	131.1	191.1



MW-5

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-10
File ID: S8844.D
Sampled: 08/24/09 15:59
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 02:20
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.3	101	66 - 137	
4-Bromofluorobenzene	25.0	28.2	113	73 - 120	
Toluene-d8	25.0	23.4	93	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	129886	9.06	148863	9.05	
1,4-Difluorobenzene	240592	4.99	272481	4.99	
Chlorobenzene-d5	131431	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8844.D Vial: 17
Acq On : 27 Aug 2009 2:20 Operator: NMD
Sample : RSH0772-10 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:03 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	240592	25.00	ug/L	0.00 88.30%
43) CI20	Chlorobenzene-D5	7.19	82	131431	25.00	ug/L	0.00 90.98%
63) CI30	1,4-Dichlorobenzene-	9.06	152	129886	25.00	ug/L	0.00 87.25%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	71150	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%	
31) CS15	1,2-Dichloroethane-D	4.69	65	82643	25.32	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	101.28%	
44) CS05	Toluene-D8	6.07	98	263294	23.37	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	93.48%	
62) CS10	p-Bromofluorobenzene	8.12	174	88344	28.23	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	112.92%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	2.77	76	739	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	3.26	73	1121	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	4.32	83	857	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	0.00	78	0	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	5.18	95	481	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

Data File : D:\MSDCHEM\S\DATA\082609\S8844.D Vial: 17
Acq On : 27 Aug 2009 2:20 Operator: NMD
Sample : RSH0772-10 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:03 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	685	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	142	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	643	1.08	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

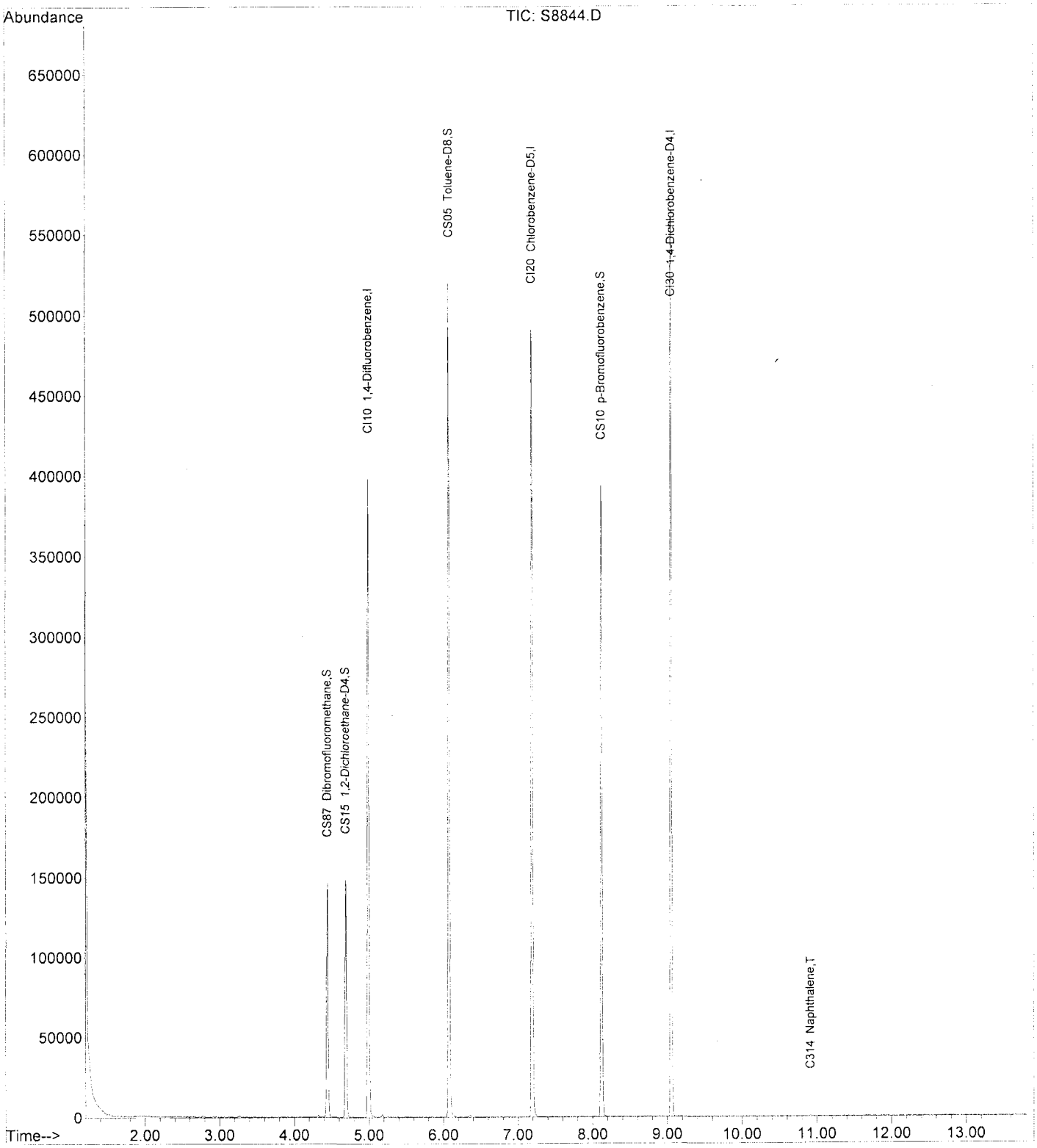
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8844.D
Acq On : 27 Aug 2009 2:20
Sample : RSH0772-10
Misc :
MS Integration Params: RTEINT.P

Vial: 17
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:03 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



MW-C

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-11
File ID: S8845.D
Sampled: 08/24/09 16:18
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 02:45
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.3	101	66 - 137	
4-Bromofluorobenzene	25.0	28.3	113	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	126101	9.06	148863	9.05	
1,4-Difluorobenzene	232167	4.99	272481	4.99	
Chlorobenzene-d5	126683	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8845.D Vial: 18
Acq On : 27 Aug 2009 2:45 Operator: NMD
Sample : RSH0772-11 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:09 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	232167	25.00 ug/L	0.00 85.20%
43) CI20 Chlorobenzene-D5	7.19	82	126683	25.00 ug/L	0.00 87.69%
63) CI30 1,4-Dichlorobenzene-	9.06	152	126101	25.00 ug/L	0.00 84.71%
System Monitoring Compounds					
26) CS87 Dibromofluoromethane	4.44	111	69461	26.87 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.48%		
31) CS15 1,2-Dichloroethane-D	4.69	65	79617	25.28 ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 101.12%		
44) CS05 Toluene-D8	6.07	98	254364	23.43 ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 93.72%		
62) CS10 p-Bromofluorobenzene	8.12	174	85231	28.26 ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 113.04%		
Target Compounds					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.	
3) C010 Chloromethane	0.00	50	0	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	0.00	84	0	N.D.	
10) C040 Carbon disulfide	2.78	76	808	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	2.73	43	515	Below Cal #	43
14) C300 Acetonitrile	0.00	41	0	N.D.	
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255 Methyl Acetate	0.00	43	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	0.00	43	0	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
27) C060 Chloroform	0.00	83	0	N.D.	
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120 Carbon tetrachlori	0.00	117	0	N.D.	
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	0.00	78	0	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	0.00	43	0	N.D.	
35) C256 Cyclohexane	0.00	56	0	N.D.	
36) C150 Trichloroethene	0.00	95	0	N.D.	
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278 Dibromomethane	0.00	93	0	N.D.	

Data File : D:\MSDCHEM\S\DATA\082609\S8845.D Vial: 18
Acq On : 27 Aug 2009 2:45 Operator: NMD
Sample : RSH0772-11 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:09 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	704	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	669	1.09	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

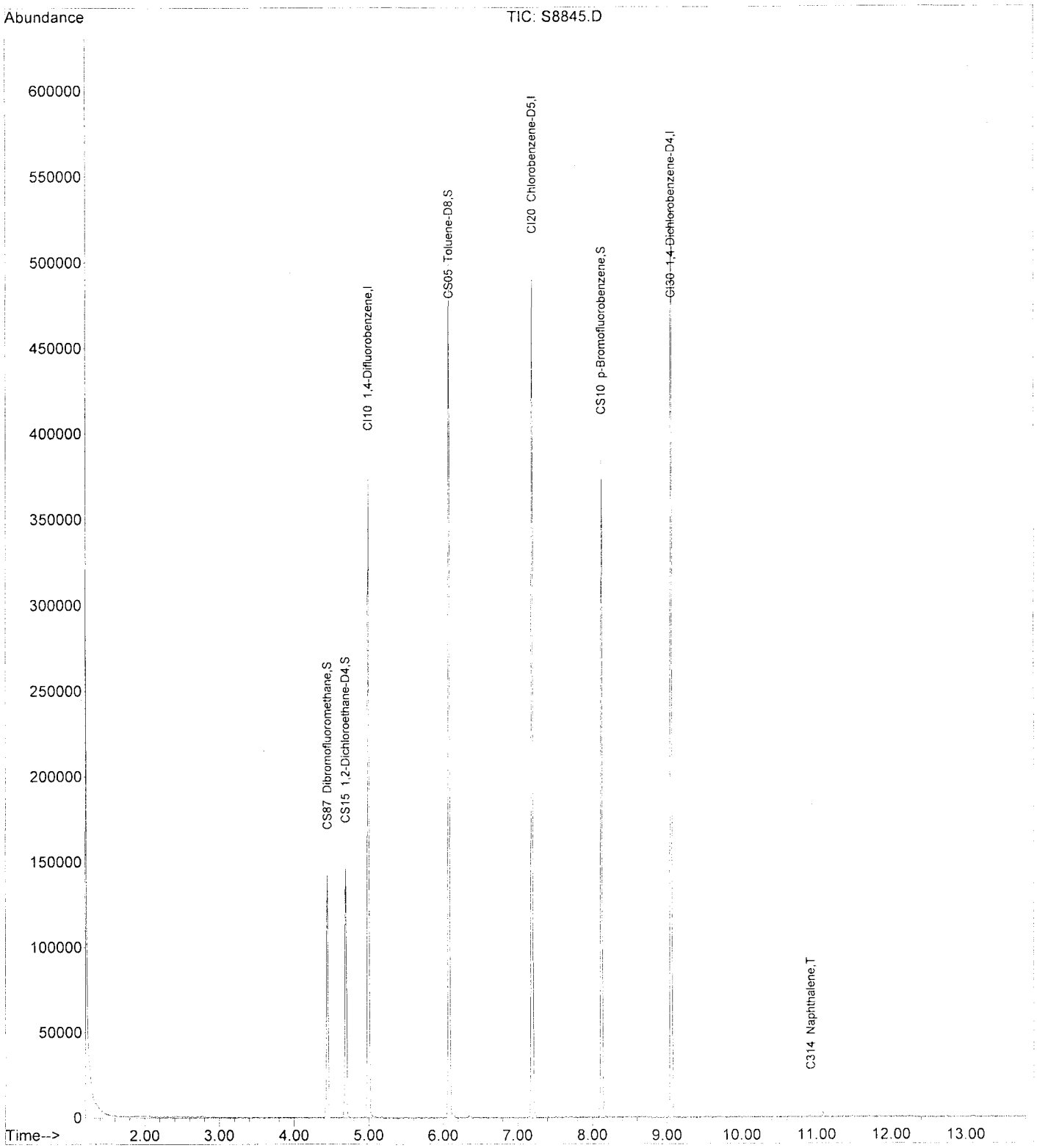
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8845.D
Acq On : 27 Aug 2009 2:45
Sample : RSH0772-11
Misc :
MS Integration Params: RTEINT.P

Vial: 18 92/199
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:09 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



MW-1

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-12
File ID: S8846.D
Sampled: 08/24/09 16:47
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 03:11
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.8	99	66 - 137	
4-Bromofluorobenzene	25.0	28.3	113	73 - 120	
Toluene-d8	25.0	23.2	93	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	126440	9.06	148863	9.05	
1,4-Difluorobenzene	234517	4.99	272481	4.99	
Chlorobenzene-d5	127720	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8846.D Vial: 19 94/199
Acq On : 27 Aug 2009 3:11 Operator: NMD
Sample : RSH0772-12 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:14 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	234517	25.00	ug/L	0.00 86.07%
43) CI20 Chlorobenzene-D5	7.19	82	127720	25.00	ug/L	0.00 88.41%
63) CI30 1,4-Dichlorobenzene-	9.06	152	126440	25.00	ug/L	0.00 84.94%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	69328	26.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.20%			
31) CS15 1,2-Dichloroethane-D	4.69	65	79035	24.84	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 99.36%			
44) CS05 Toluene-D8	6.07	98	253689	23.18	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 92.72%			
62) CS10 p-Bromofluorobenzene	8.12	174	86098	28.31	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 113.24%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	0.00	84	0	N.D.		
10) C040 Carbon disulfide	2.77	76	568	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.73	43	146	Below Cal	#	43
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	4.32	83	1618	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachloride	4.53	117	2818	0.88	ug/L	99
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	0.00	78	0	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

Data File : D:\MSDCHEM\S\DATA\082609\S8846.D Vial: 19
Acq On : 27 Aug 2009 3:11 Operator: NMD
Sample : RSH0772-12 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:14 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	760	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	0.00	91	0	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	10.91	128	515	1.07 ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

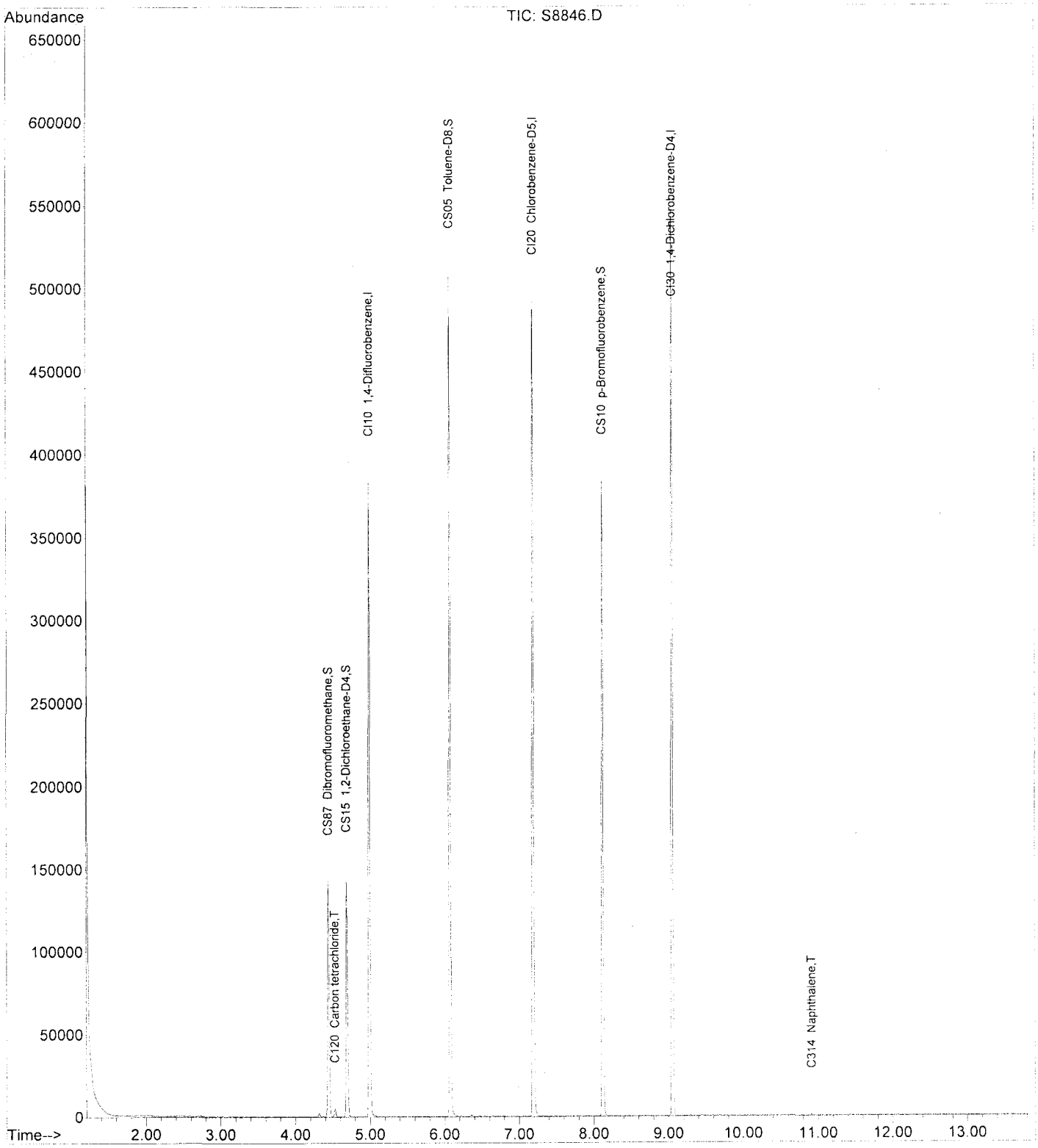
(#) = qualifier out of range (m) = manual integration (+) = signals summed

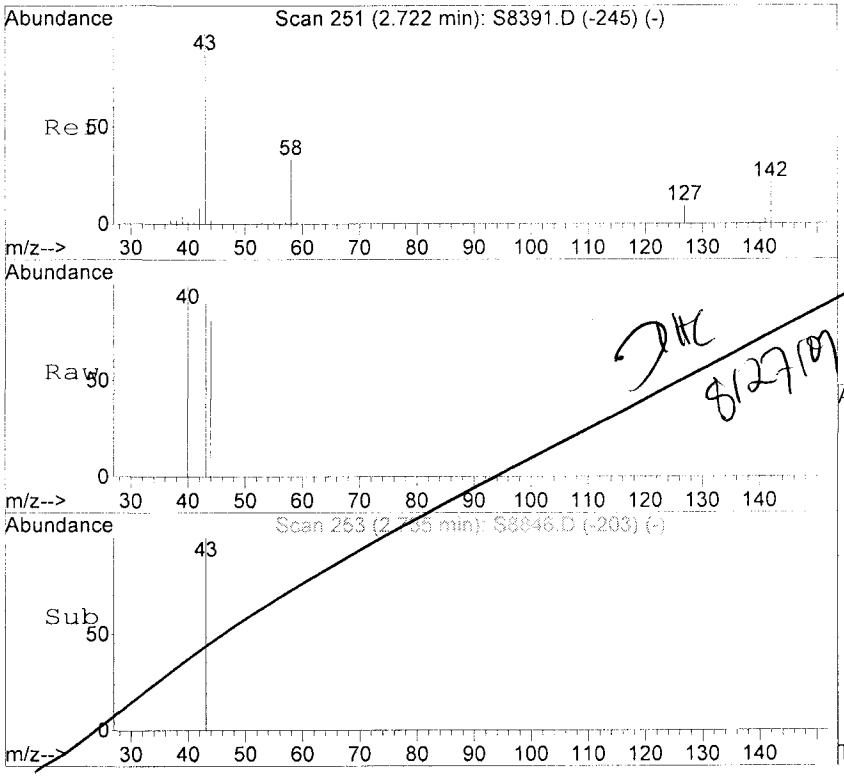
8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8846.D
Acq On : 27 Aug 2009 3:11
Sample : RSH0772-12
Misc :
MS Integration Params: RTEINT.P

Vial: 19 96/199
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:14 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA





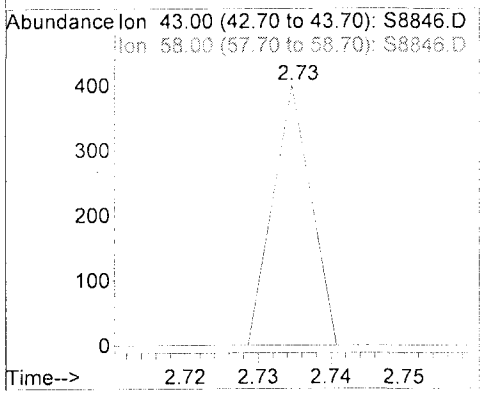
#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8846.D
Acq: 27 Aug 2009 3:11

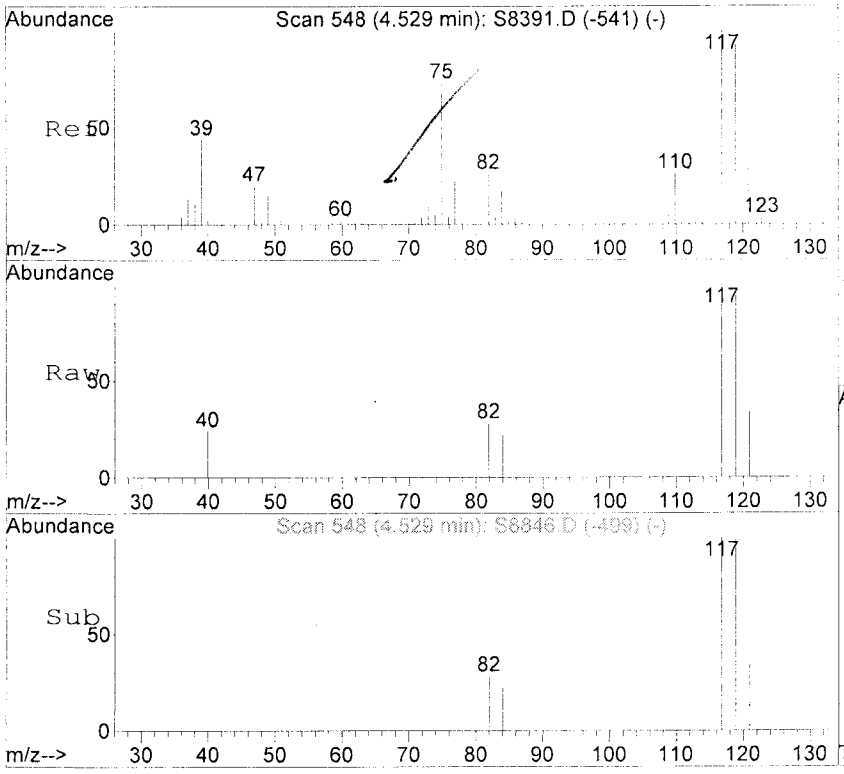
Tgt Ion: 43 Resp: 146

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

97/199

DHC 8/27/09

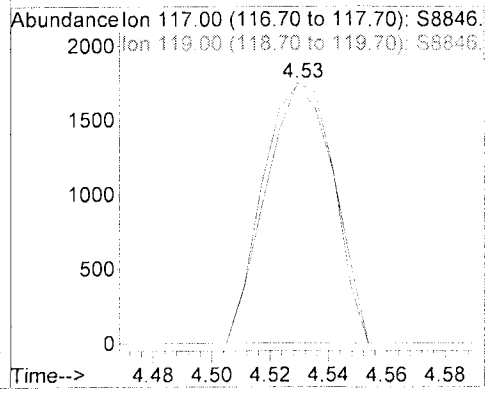




#29
C120 Carbon tetrachloride
Concen: 0.88 ug/L
RT: 4.53 min Scan# 548
Delta R.T. -0.00 min
Lab File: S8846.D
Acq: 27 Aug 2009 3:11

Tgt Ion:117 Resp: 2818

Ion	Ratio	Lower	Upper
117	100		
119	98.7	67.6	127.6



PW-1

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-13
File ID: S8847.D
Sampled: 08/24/09 17:39
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 03:36
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	2.4	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	1.1	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.0	100	66 - 137	
4-Bromofluorobenzene	25.0	28.2	113	73 - 120	
Toluene-d8	25.0	23.7	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	123914	9.06	148863	9.05	
1,4-Difluorobenzene	230481	4.99	272481	4.99	
Chlorobenzene-d5	124782	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8847.D Vial: 20
Acq On : 27 Aug 2009 3:36 Operator: NMD
Sample : RSH0772-13 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:18 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	230481	25.00	ug/L	0.00 84.59%
43) CI20 Chlorobenzene-D5	7.19	82	124782	25.00	ug/L	0.00 86.38%
63) CI30 1,4-Dichlorobenzene-	9.06	152	123914	25.00	ug/L	0.00 83.24%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	69088	26.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.68%			
31) CS15 1,2-Dichloroethane-D	4.69	65	78217	25.02	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 100.08%			
44) CS05 Toluene-D8	6.07	98	253451	23.70	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 94.80%			
62) CS10 p-Bromofluorobenzene	8.12	174	83865	28.23	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 112.92%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	0.00	84	0	N.D.		
10) C040 Carbon disulfide	2.78	76	783	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.73	43	285	Below Cal	#	43
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	2.58	101	135	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.07	96	7327	2.43	ug/L	/ 94
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	4.32	83	1926	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	0.00	78	0	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.18	95	3173	1.13	ug/L	/ 93
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

Data File : D:\MSDCHEM\S\DATA\082609\S8847.D Vial: 20
Acq On : 27 Aug 2009 3:36 Operator: NMD
Sample : RSH0772-13 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:18 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	771	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	263	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	531	1.07	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

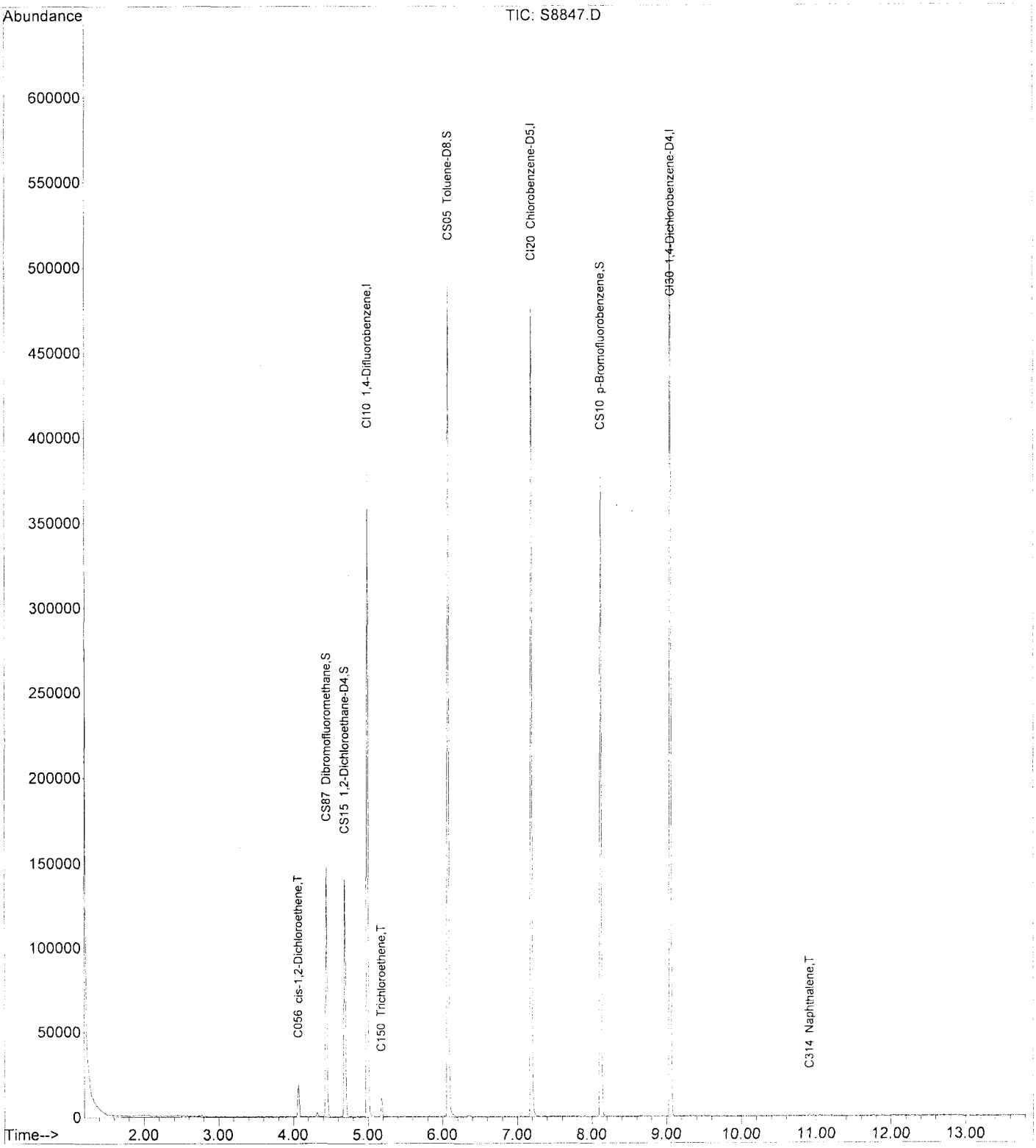
(#) = qualifier out of range (m) = manual integration (+) = signals summed

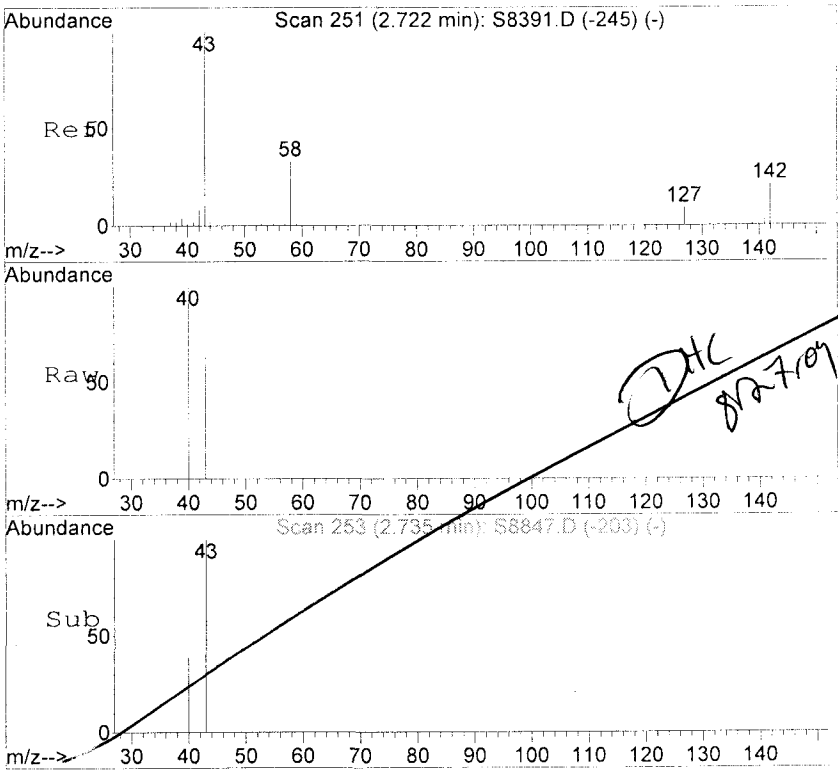
8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8847.D
Acq On : 27 Aug 2009 3:36
Sample : RSH0772-13
Misc :
MS Integration Params: RTEINT.P

Vial: 20
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:18 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

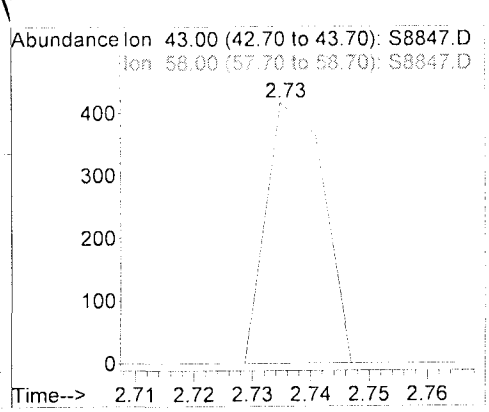


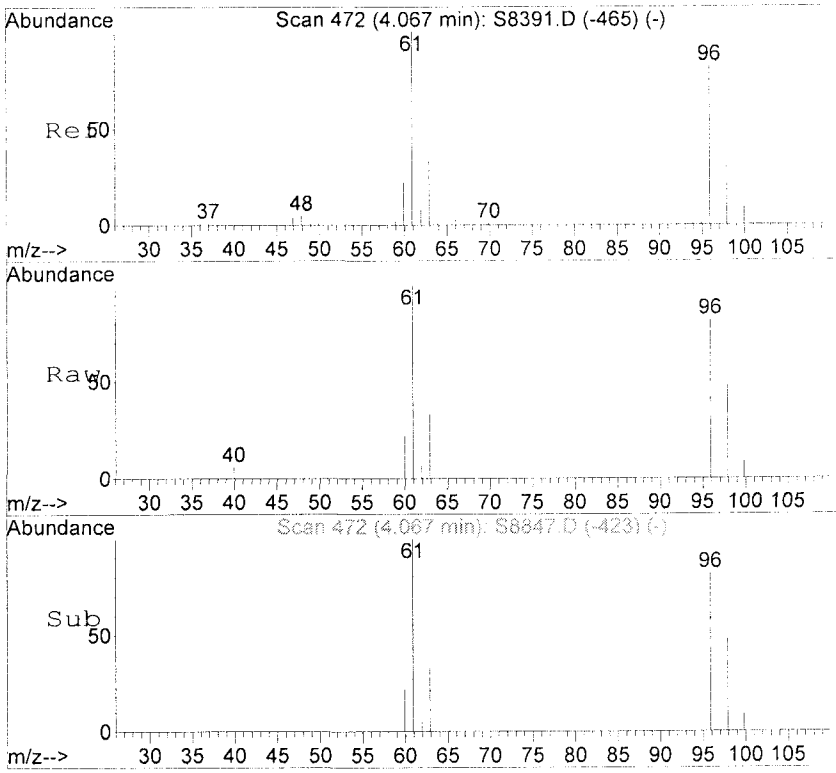


#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8847.D
Acq: 27 Aug 2009 3:36

Tgt Ion: 43 Resp: 285

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

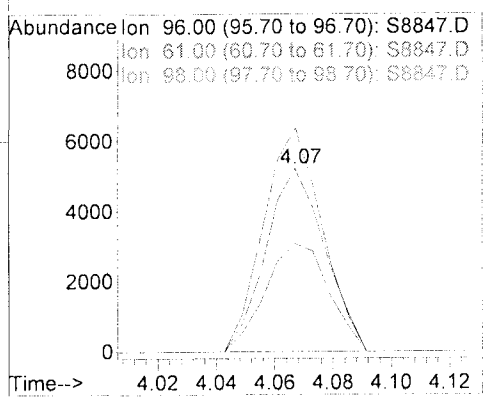


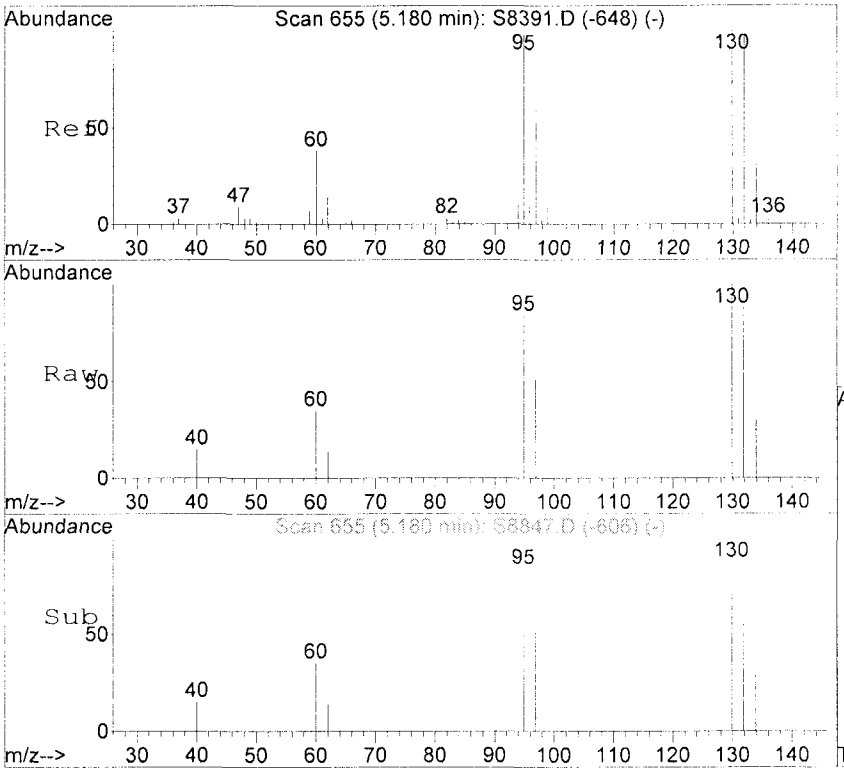


#23
C056 cis-1,2-Dichloroethene
Concen: 2.43 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8847.D
Acq: 27 Aug 2009 3:36

Tgt Ion: 96 Resp: 7327

Ion	Ratio	Lower	Upper
96	100		
61	122.1	99.9	159.9
98	59.0	31.8	91.8

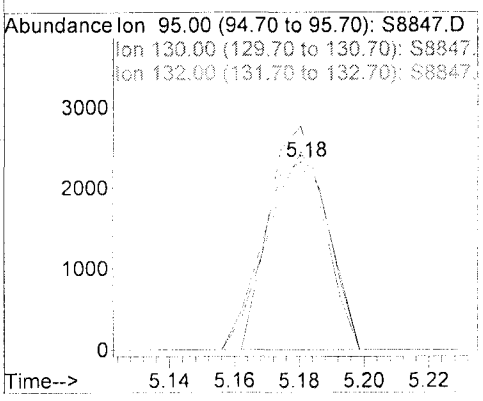




#36 103/199
C150 Trichloroethene
Concen: 1.13 ug/L
RT: 5.18 min Scan# 655
Delta R.T. -0.00 min
Lab File: S8847.D
Acq: 27 Aug 2009 3:36

Tgt Ion: 95 Resp: 3173

Ion	Ratio	Lower	Upper
95	100		
130	118.7	77.6	137.6
132	105.0	72.8	132.8



PZ-2

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-14
File ID: S8848.D
Sampled: 08/25/09 09:50
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 04:02
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.7	103	66 - 137	
4-Bromofluorobenzene	25.0	28.6	114	73 - 120	
Toluene-d8	25.0	23.3	93	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	128787	9.06	148863	9.05	
1,4-Difluorobenzene	233639	4.99	272481	4.99	
Chlorobenzene-d5	128908	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8848.D Vial: 21
Acq On : 27 Aug 2009 4:02 Operator: NMD
Sample : RSH0772-14 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:23 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	233639	25.00	ug/L	0.00 85.75%
43) CI20	Chlorobenzene-D5	7.19	82	128908	25.00	ug/L	0.00 89.23%
63) CI30	1,4-Dichlorobenzene-	9.06	152	128787	25.00	ug/L	0.00 86.51%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	70761	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.80%	
31) CS15	1,2-Dichloroethane-D	4.69	65	81415	25.69	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	102.76%	
44) CS05	Toluene-D8	6.07	98	257049	23.27	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	93.08%	
62) CS10	p-Bromofluorobenzene	8.12	174	87785	28.60	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.40%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	0.00	84	0	N.D.
10) C040	Carbon disulfide	2.77	76	1065	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	2.73	43	1246	Below Cal # 43
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	0.00	83	0	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	4.70	78	149	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8848.D Vial: 21
Acq On : 27 Aug 2009 4:02 Operator: NMD
Sample : RSH0772-14 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:23 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.12	92	762	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	694	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.36	91	170	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	529	1.07	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

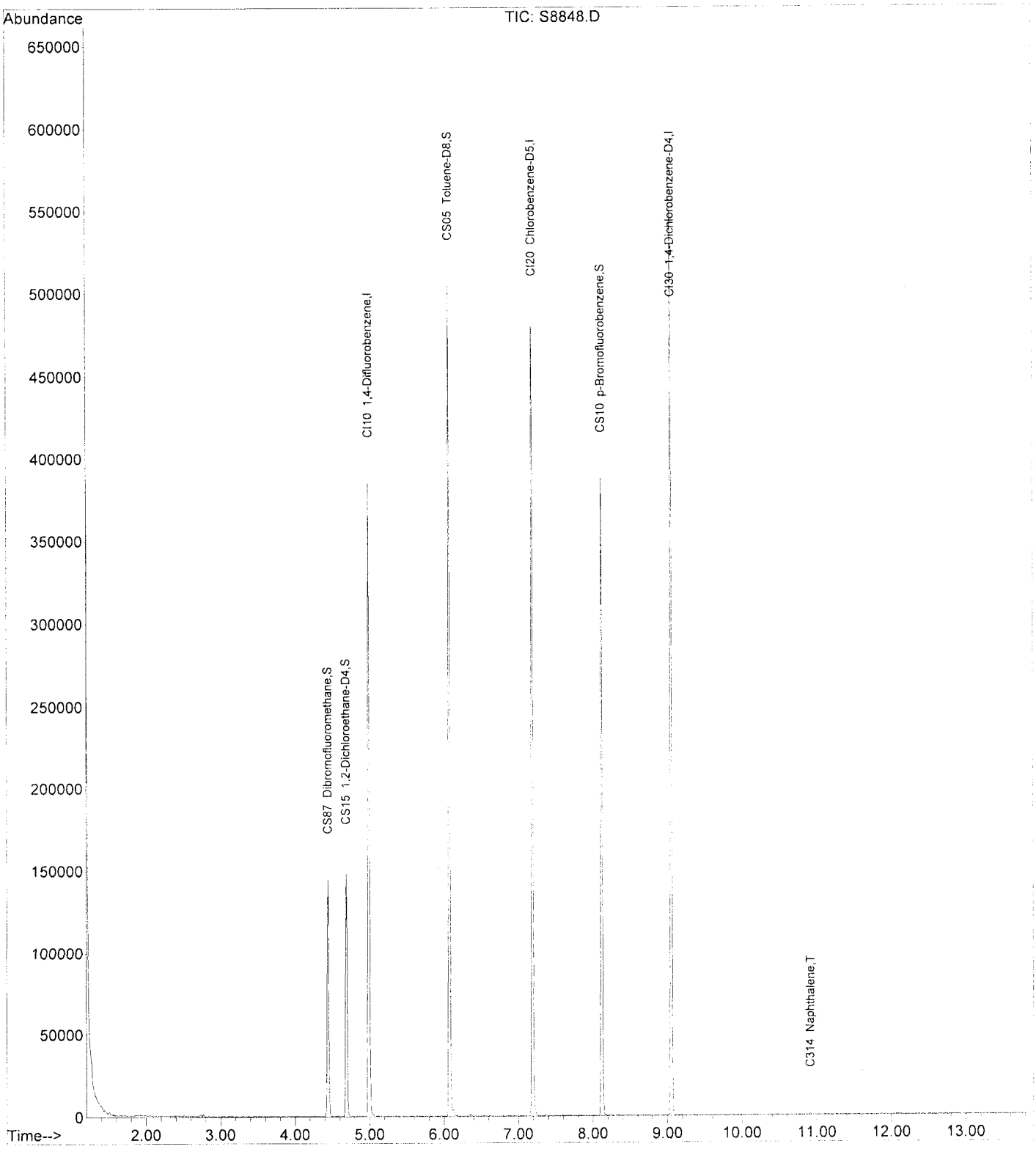
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8848.D
Acq On : 27 Aug 2009 4:02
Sample : RSH0772-14
Misc :
MS Integration Params: RTEINT.P

Vial: 21
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:23 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



FIELD BLANK

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-15
File ID: S8849.D
Sampled: 08/25/09 10:00
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 04:27
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.4	102	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	128725	9.06	148863	9.05	
1,4-Difluorobenzene	233907	4.99	272481	4.99	
Chlorobenzene-d5	128806	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8849.D Vial: 22
Acq On : 27 Aug 2009 4:27 Operator: NMD
Sample : RSH0772-15 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:28 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SEHPC 8/27/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	233907	25.00	ug/L	0.00 85.84%
43) CI20	Chlorobenzene-D5	7.19	82	128806	25.00	ug/L	0.00 89.16%
63) CI30	1,4-Dichlorobenzene-	9.06	152	128725	25.00	ug/L	0.00 86.47%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	70754	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.68%	
31) CS15	1,2-Dichloroethane-D	4.69	65	80627	25.41	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	101.64%	
44) CS05	Toluene-D8	6.07	98	259241	23.48	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	93.92%	
62) CS10	p-Bromofluorobenzene	8.12	174	88079	28.72	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.88%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.05	84	2985	Below Cal	88
10) C040	Carbon disulfide	2.77	76	836	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

mrg 8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8849.D Vial: 22
Acq On : 27 Aug 2009 4:27 Operator: NMD
Sample : RSH0772-15 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:28 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.13	92	980	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	715	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.36	91	879	N.D.		
58) C246	m,p-Xylene	7.36	106	191	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	769	1.09	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

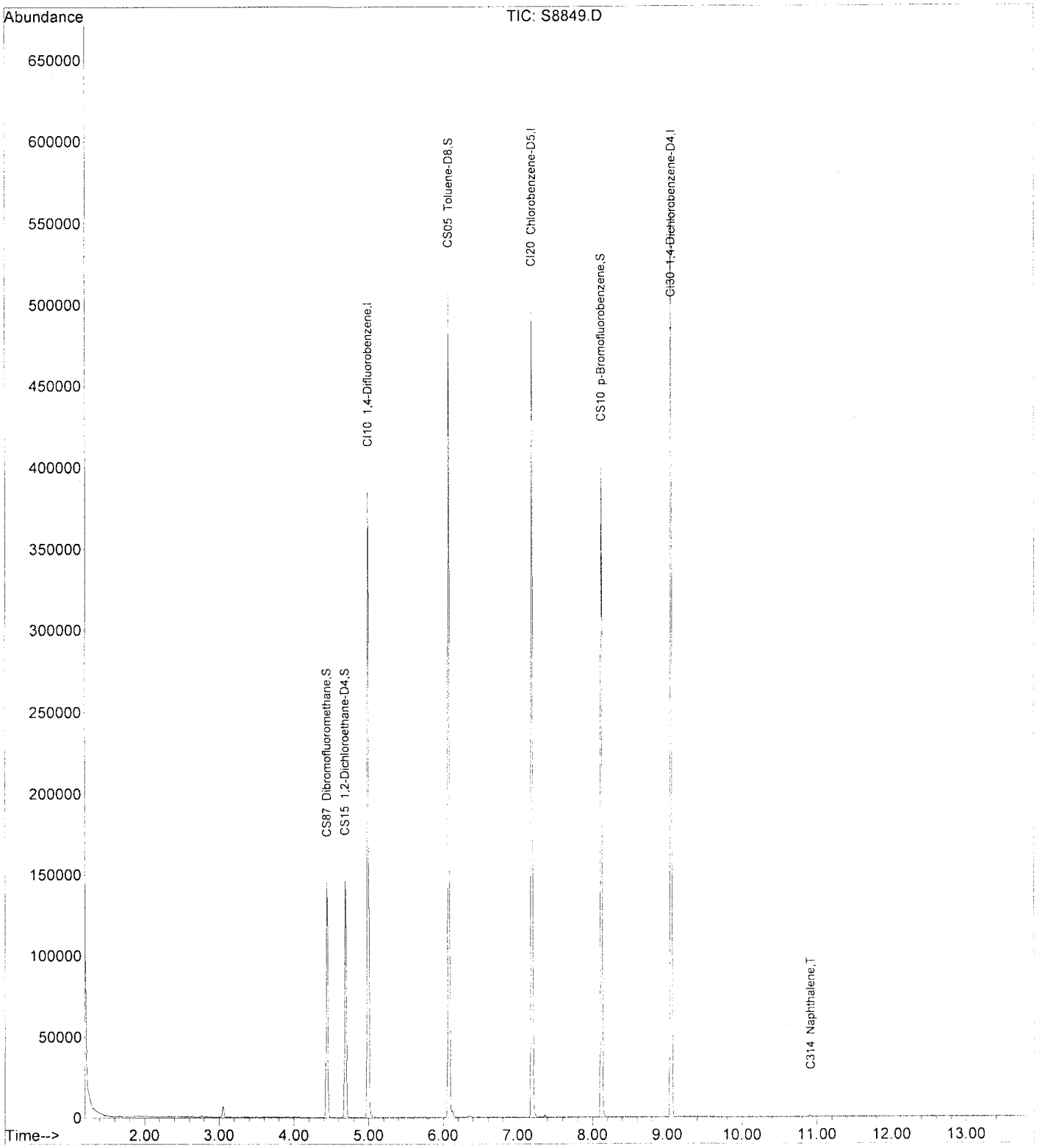
8/31/2009

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8849.D
Acq On : 27 Aug 2009 4:27
Sample : RSH0772-15
Misc :
MS Integration Params: RTEINT.P

Vial: 22
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:28 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



MW-D

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: RSH0772-16
File ID: S8850.D
Sampled: 08/25/09 11:05
Prepared: 08/26/09 16:47
Analyzed: 08/27/09 04:53
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	48	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.59	
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	3.9	
75-01-4	Vinyl chloride	1	15	
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.1	100	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	129907	9.06	148863	9.05	
1,4-Difluorobenzene	243692	4.99	272481	4.99	
Chlorobenzene-d5	130775	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8850.D Vial: 23
Acq On : 27 Aug 2009 4:53 Operator: NMD
Sample : RSH0772-16 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:33 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

	Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.99	114	243692	25.00	ug/L	0.00 89.43%
43)	CI20 Chlorobenzene-D5	7.19	82	130775	25.00	ug/L	0.00 90.52%
63)	CI30 1,4-Dichlorobenzene-	9.06	152	129907	25.00	ug/L	0.00 87.27%
	System Monitoring Compounds						
26)	CS87 Dibromofluoromethane	4.44	111	71869	26.49	ug/L	0.00
	Spiked Amount 25.000	Range 70 - 130		Recovery = 105.96%			
31)	CS15 1,2-Dichloroethane-D	4.69	65	82908	25.08	ug/L	0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 100.32%			
44)	CS05 Toluene-D8	6.07	98	266800	23.80	ug/L	0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 95.20%			
62)	CS10 p-Bromofluorobenzene	8.12	174	89371	28.70	ug/L	0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 114.80%			
	Target Compounds						Qvalue
2)	C290 Dichlorodifluorome	1.27	85	923	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	1.54	62	49795	15.02	ug/L	90
5)	C015 Bromomethane	0.00	94	0	N.D.		
6)	C025 Chloroethane	0.00	64	0	N.D.		
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	2.60	96	304	N.D.		
9)	C030 Methylene chloride	0.00	84	0	N.D.		
10)	C040 Carbon disulfide	2.77	76	1672	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.73	43	454	Below Cal	#	43
14)	C300 Acetonitrile	3.00	41	132	N.D.		
15)	C276 Iodomethane	0.00	142	0	N.D.		
16)	C291 1,1,2-Trichloro-1,2,	2.59	101	1521	0.59	ug/L #	79
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	3.25	96	1153	N.D.		
19)	C255 Methyl Acetate	3.00	43	1184	N.D.		
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125 Vinyl Acetate	0.00	43	0	N.D.		
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056 cis-1,2-Dichloroethe	4.07	96	153067	48.07	ug/L	94
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
27)	C060 Chloroform	0.00	83	0	N.D.		
28)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
30)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165 Benzene	4.70	78	2378	N.D.		
33)	C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110 2-Butanone	0.00	43	0	N.D.		
35)	C256 Cyclohexane	4.43	56	5171	1.02	ug/L	93
36)	C150 Trichloroethene	5.18	95	11509	3.87	ug/L	94
37)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38)	C278 Dibromomethane	0.00	93	0	N.D.		

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8850.D Vial: 23
Acq On : 27 Aug 2009 4:53 Operator: NMD
Sample : RSH0772-16 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:33 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.28	83	4876	0.93	ug/L	95
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	738	N.D.		
50) C220	Tetrachloroethene	6.53	166	1767	0.59	ug/L	94
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.36	91	888	N.D.		
58) C246	m,p-Xylene	7.36	106	298	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.97	105	185	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	9.39	146	546	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	354	1.05	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

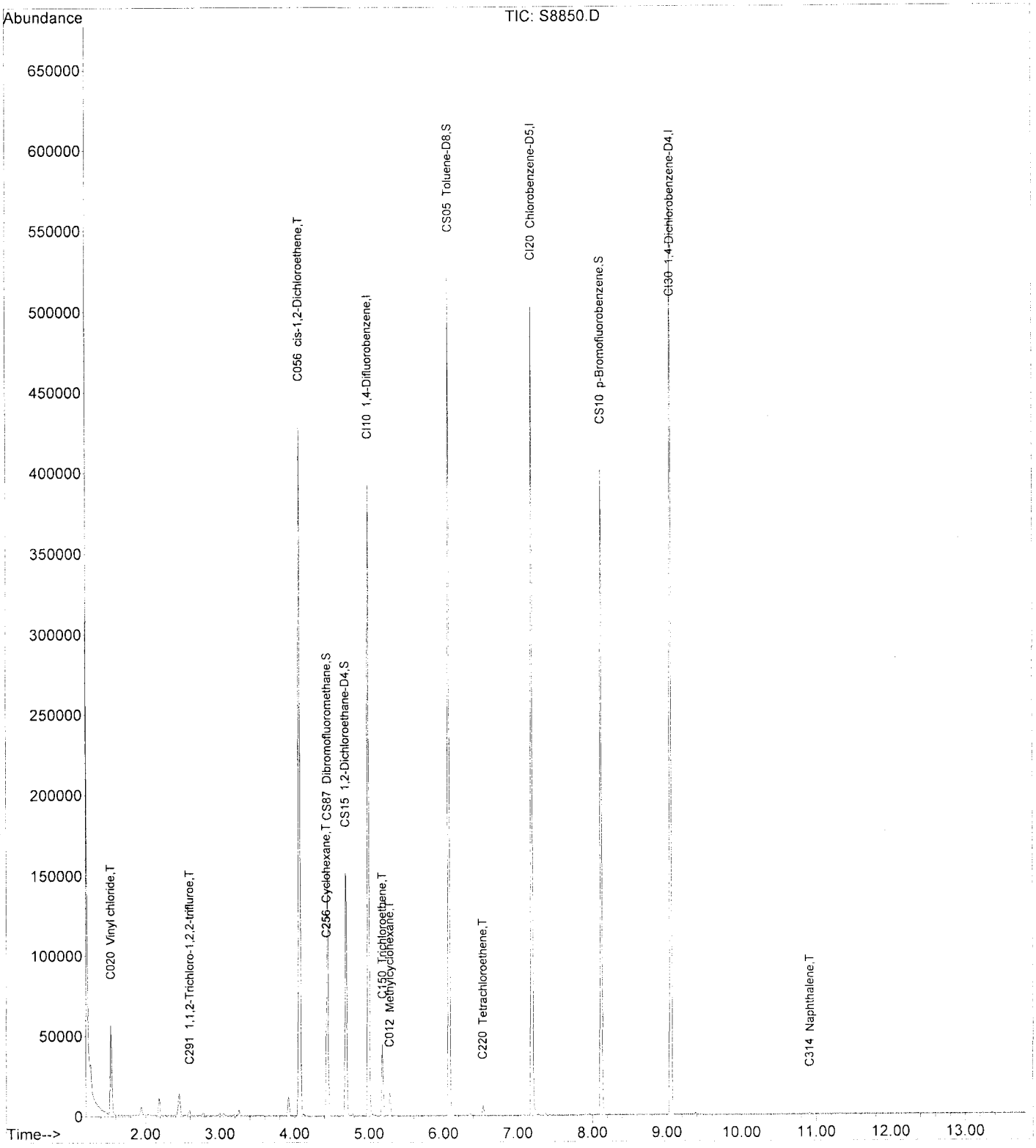
(#) = qualifier out of range (m) = manual integration (+) = signals summed

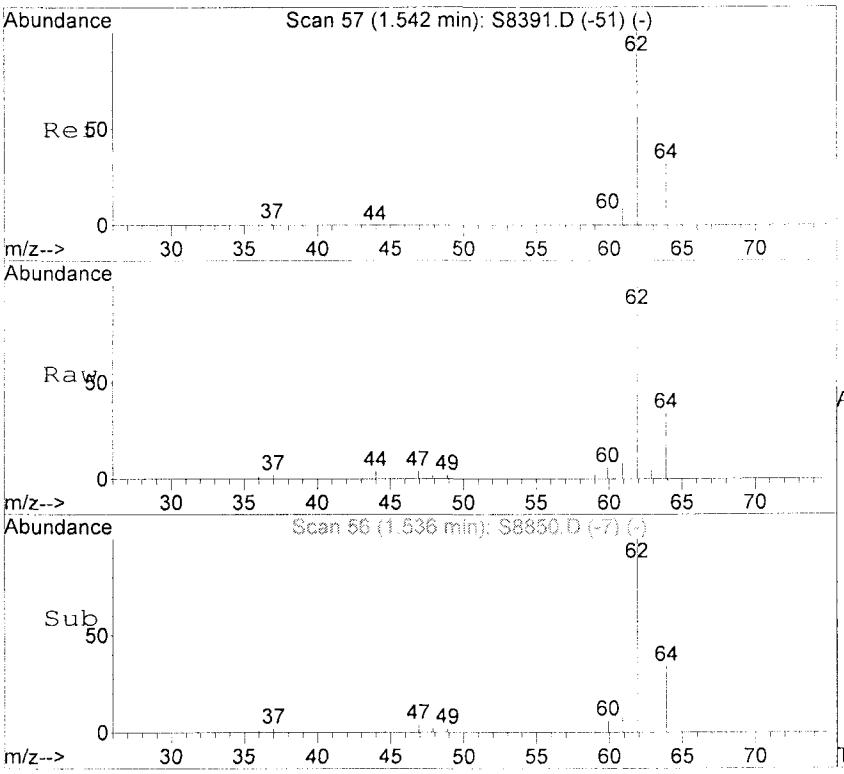
8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8850.D
Acq On : 27 Aug 2009 4:53
Sample : RSH0772-16
Misc :
MS Integration Params: RTEINT.P

Vial: 23
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:33 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

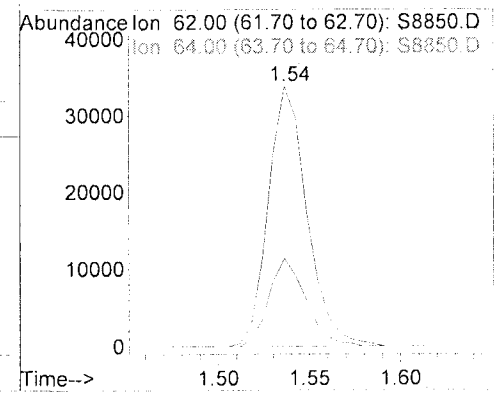


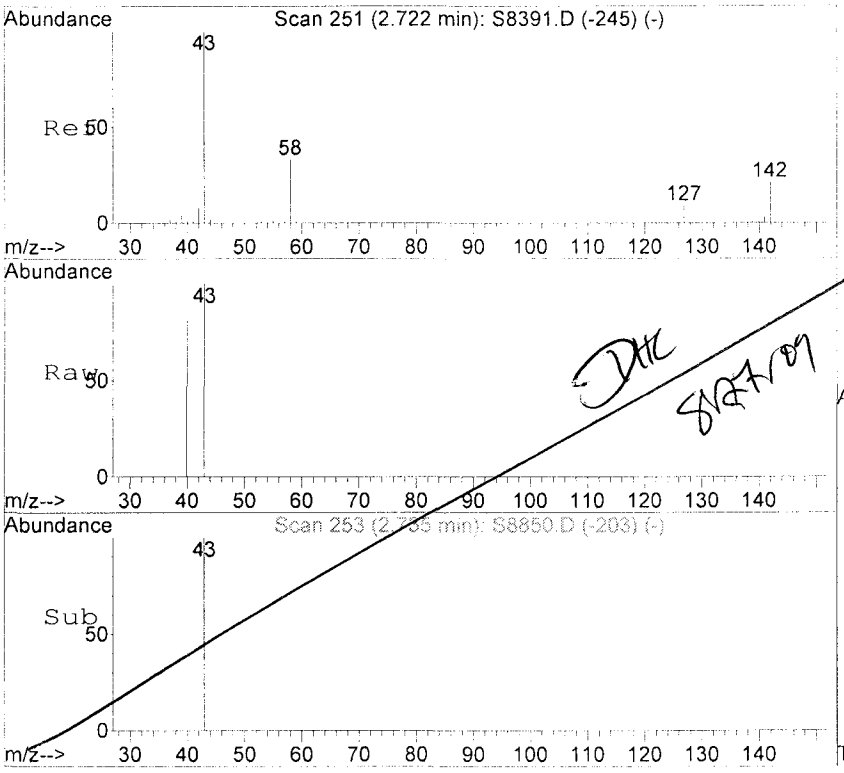


#4
C020 Vinyl chloride
Concen: 15.02 ug/L
RT: 1.54 min Scan# 56
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 62 Resp: 49795

Ion	Ratio	Lower	Upper
62	100		
64	33.5	9.4	69.4

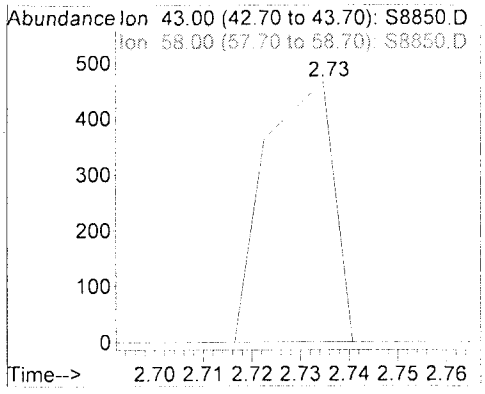


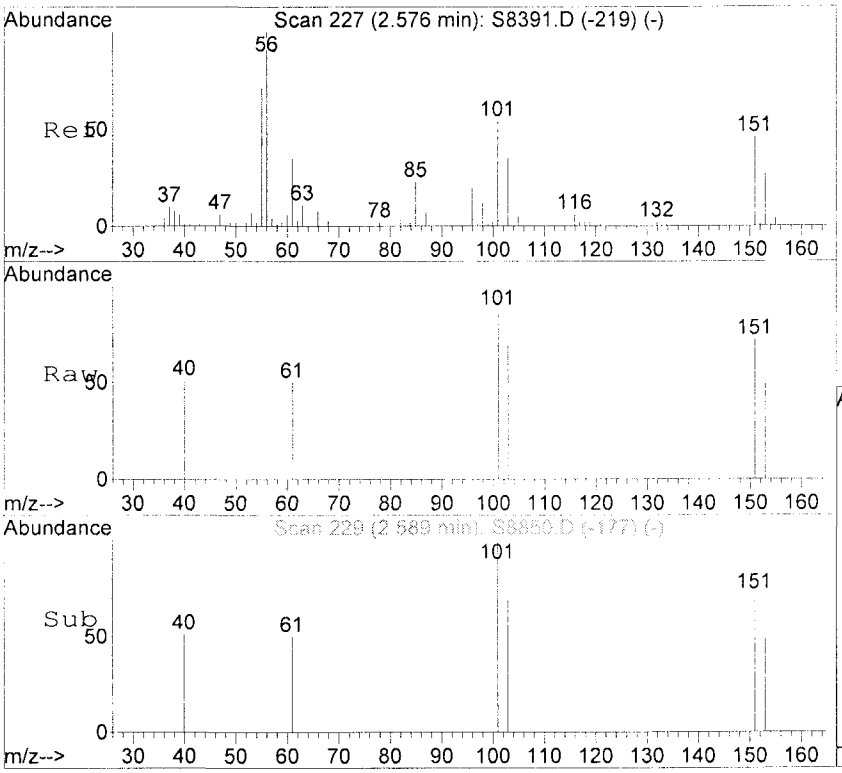


#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 43 Resp: 454

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

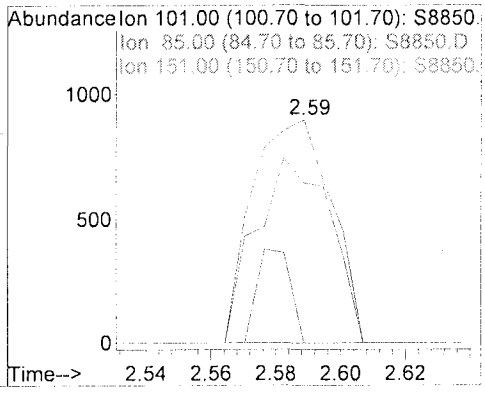


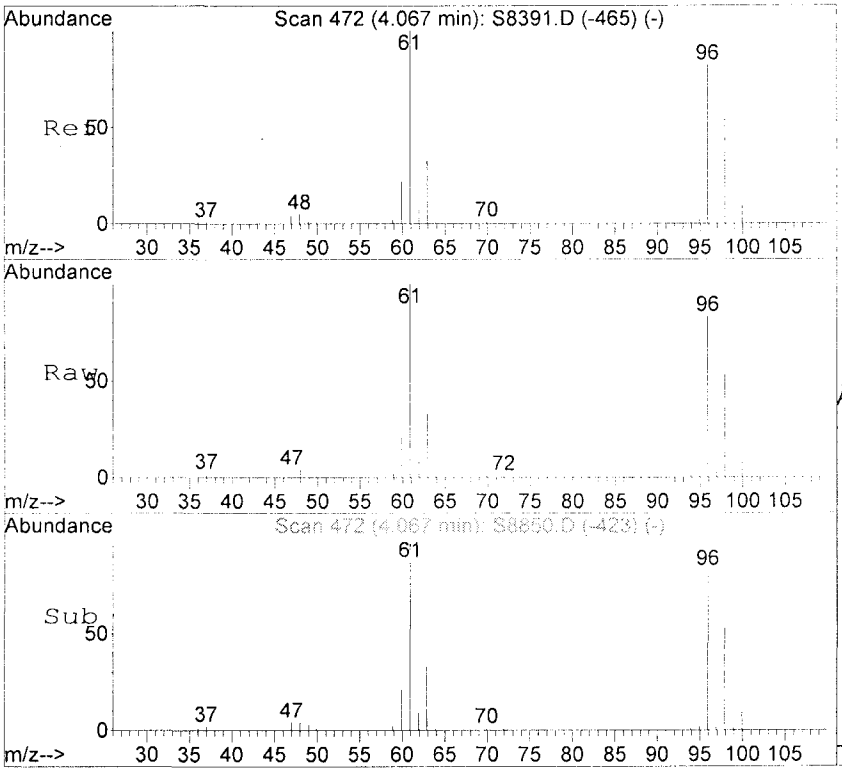


#16
C291 1,1,2-Trichloro-1,2,2-tr
Concen: 0.59 ug/L
RT: 2.59 min Scan# 229
Delta R.T. 0.02 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion:101 Resp: 1521

Ion	Ratio	Lower	Upper
101	100		
85	17.8	35.0	52.6#
151	78.5	70.9	106.3

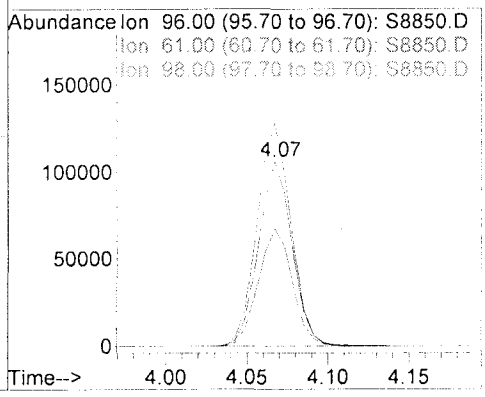


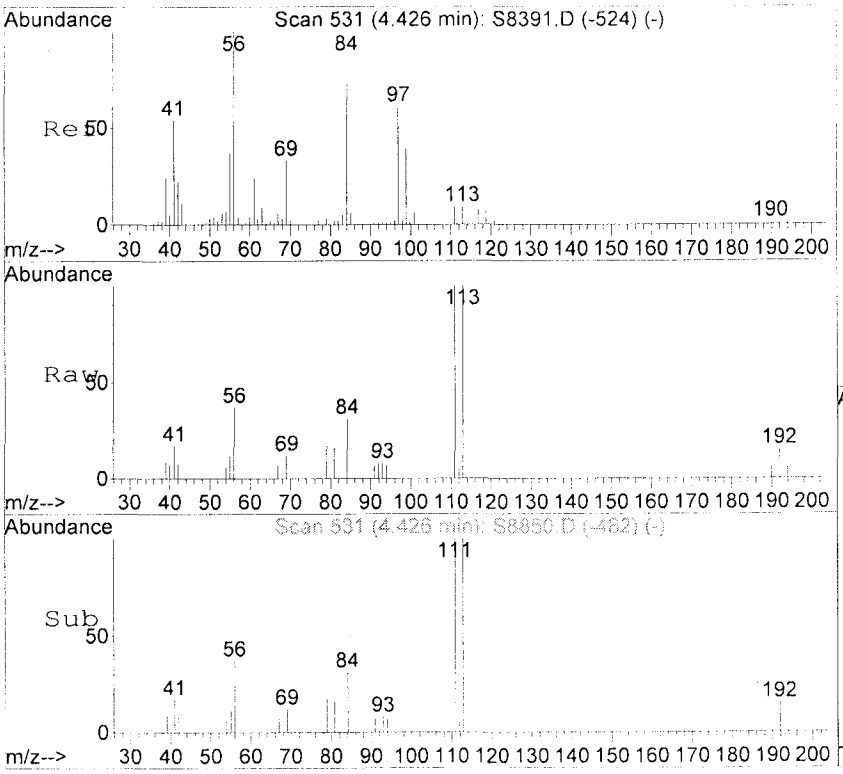


#23
C056 cis-1,2-Dichloroethene
Concen: 48.07 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 96 Resp: 153067

Ion	Ratio	Lower	Upper
96	100		
61	120.7	99.9	159.9
98	63.6	31.8	91.8

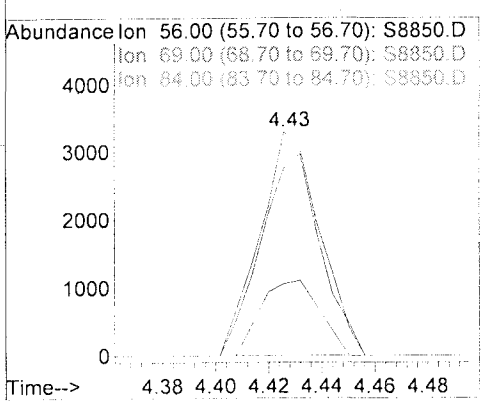


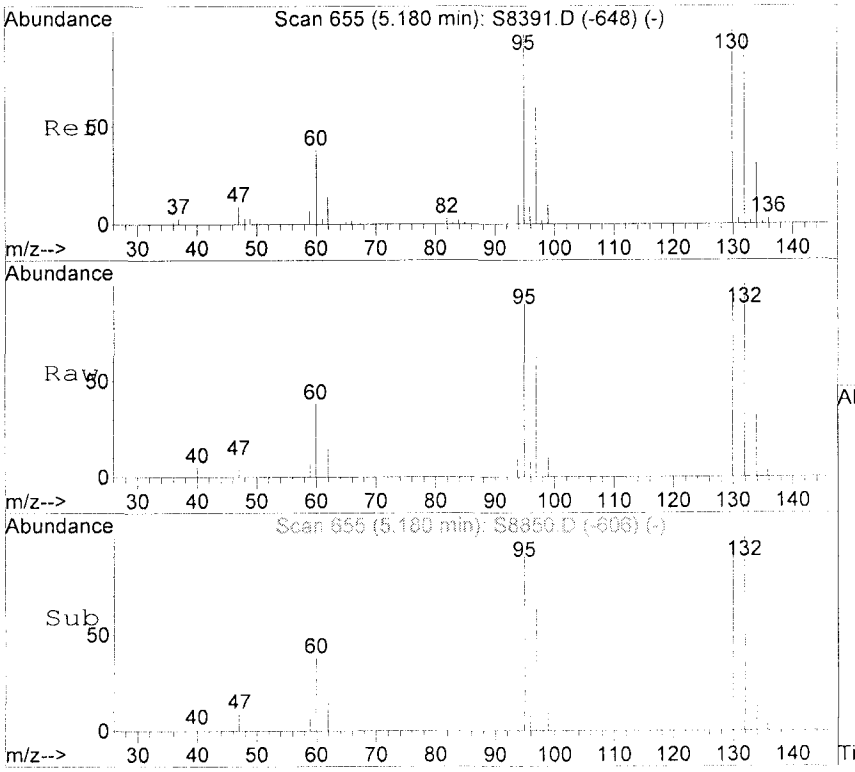


#35
C256 Cyclohexane 118/199
Concen: 1.02 ug/L
RT: 4.43 min Scan# 531
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 56 Resp: 5171

Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.8	35.8
84	90.0	66.2	99.4

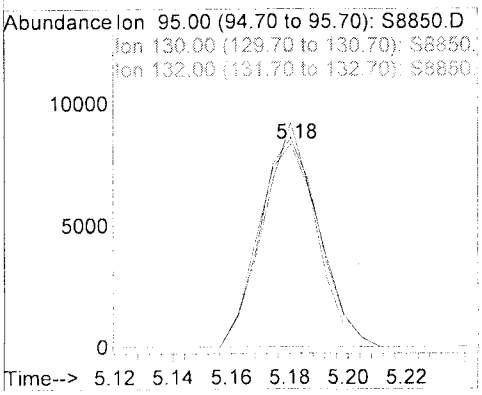


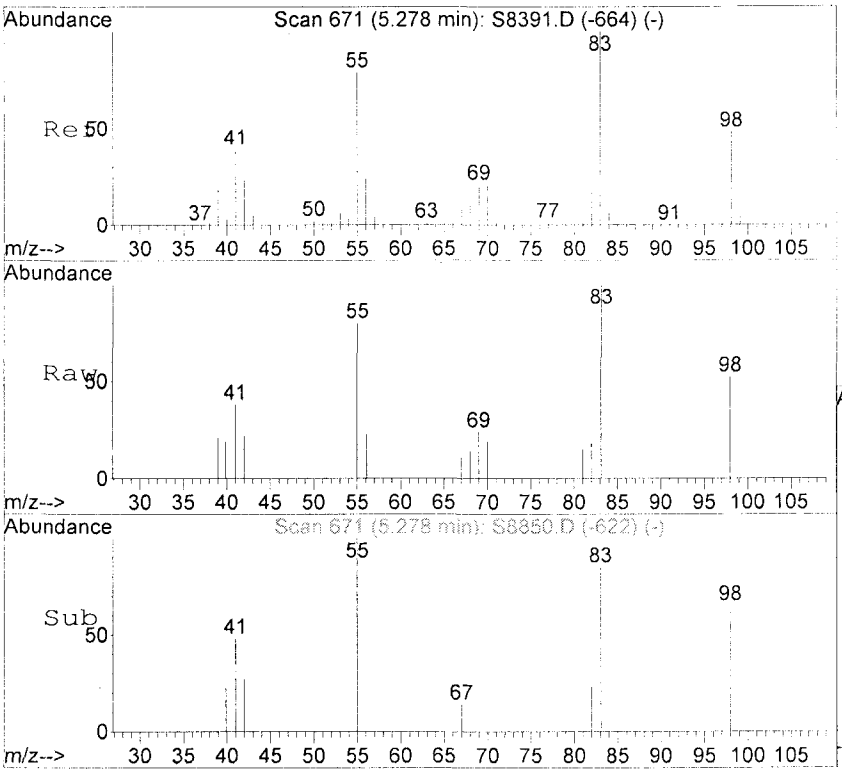


#36
C150 Trichloroethene
Concen: 3.87 ug/L
RT: 5.18 min Scan# 655
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 95 Resp: 11509

Ion	Ratio	Lower	Upper
95	100		
130	102.8	77.6	137.6
132	110.6	72.8	132.8

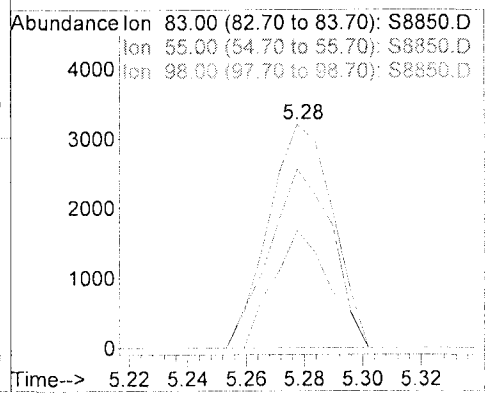


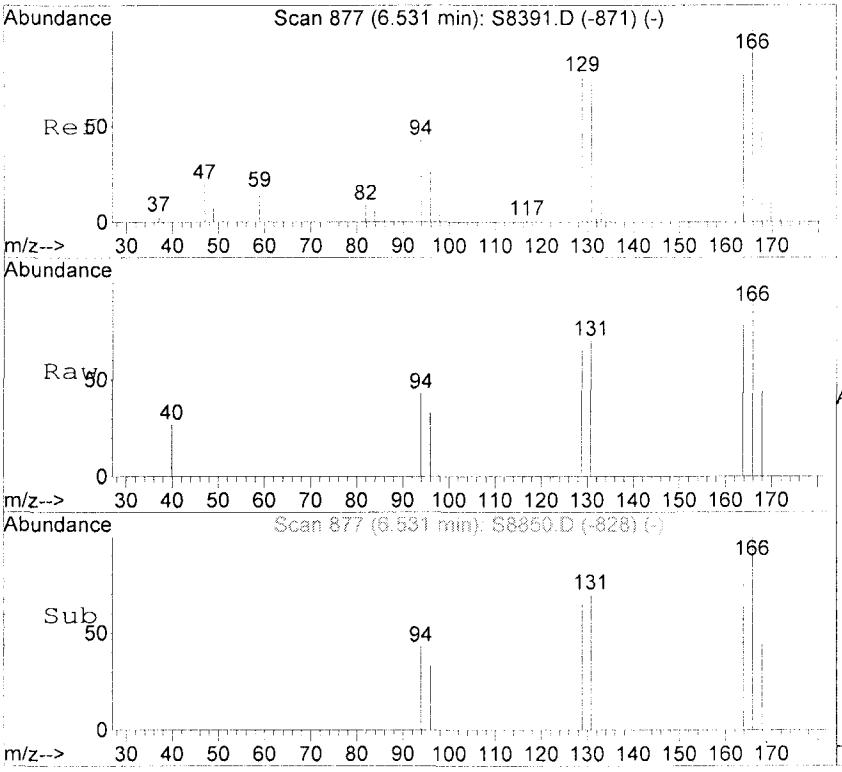


#41 119/199
C012 Methylcyclohexane
Concen: 0.93 ug/L
RT: 5.28 min Scan# 671
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion: 83 Resp: 4876

Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.8	98.6
98	46.0	40.2	60.4

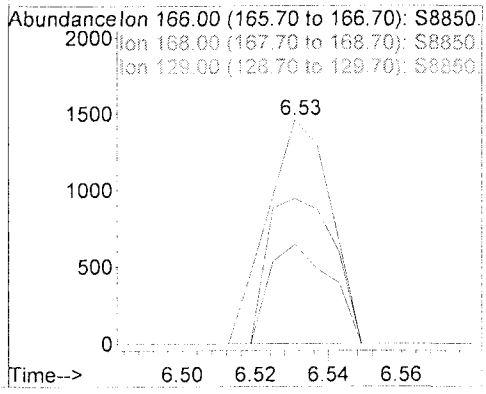


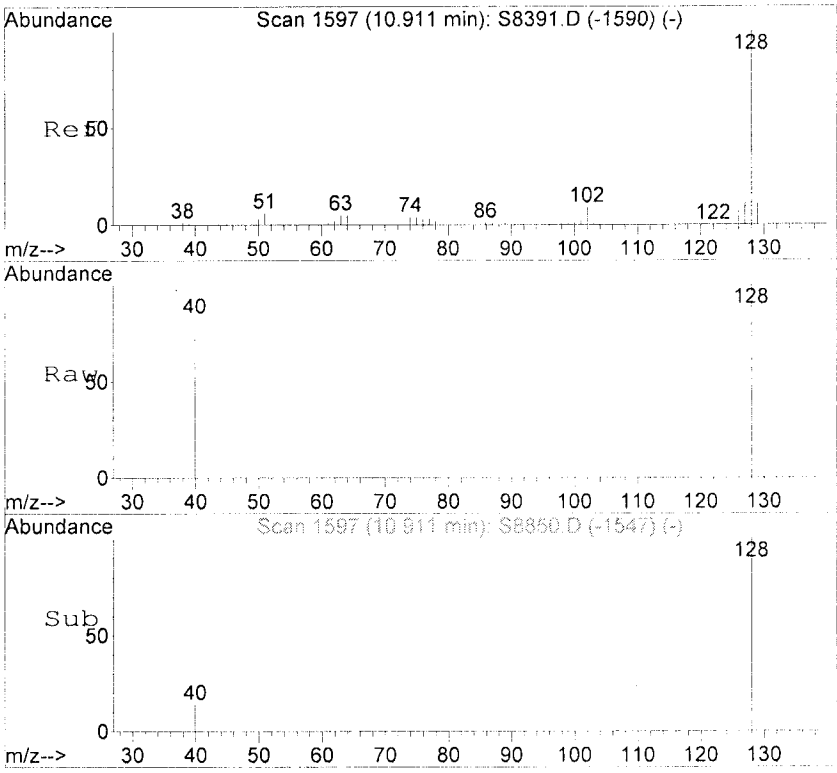


#50
C220 Tetrachloroethene
Concen: 0.59 ug/L
RT: 6.53 min Scan# 877
Delta R.T. -0.00 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion:166 Resp: 1767

Ion	Ratio	Lower	Upper
166	100		
168	44.1	18.6	78.6
129	64.6	39.3	99.3

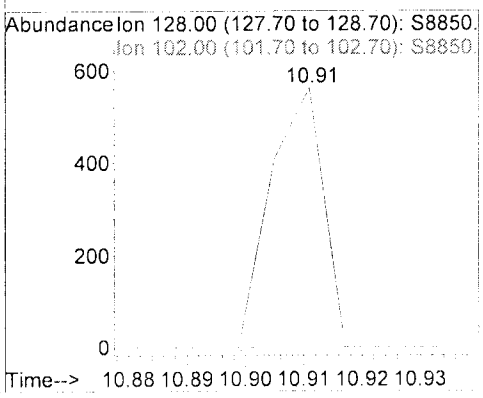




#84
C314 Naphthalene 120/199
Concen: 1.05 ug/L
RT: 10.91 min Scan# 1597
Delta R.T. 0.01 min
Lab File: S8850.D
Acq: 27 Aug 2009 4:53

Tgt Ion:128 Resp: 354

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.1



DUP-1

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo | SDG:

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

Matrix: Water | Laboratory ID: RSH0772-17 | File ID: S8851.D

Sampled: 08/25/09 00:00 | Prepared: 08/26/09 16:47 | Analyzed: 08/27/09 05:18

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

Batch: 9H26079 | Sequence: RH92618 | Calibration: R9G2906 | Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	49	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.54	
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	4.0	
75-01-4	Vinyl chloride	1	15	
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.7	103	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.9	96	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	128100	9.06	148863	9.05	
1,4-Difluorobenzene	240691	4.99	272481	4.99	
Chlorobenzene-d5	130899	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8851.D Vial: 24
Acq On : 27 Aug 2009 5:18 Operator: NMD
Sample : RSH0772-17 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:38 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SMFC 8/27/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	240691	25.00	ug/L	0.00 88.33%
43) CI20	Chlorobenzene-D5	7.19	82	130899	25.00	ug/L	0.00 90.61%
63) CI30	1,4-Dichlorobenzene-	9.06	152	128100	25.00	ug/L	0.00 86.05%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	73006	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.96%	
31) CS15	1,2-Dichloroethane-D	4.69	65	83790	25.66	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	102.64%	
44) CS05	Toluene-D8	6.07	98	268547	23.94	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.76%	
62) CS10	p-Bromofluorobenzene	8.12	174	89583	28.74	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.96%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	1.27	85	937	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	49773	15.21	ug/L	91
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	310	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.78	76	1665	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.73	43	657	Below Cal	#	43
14) C300	Acetonitrile	3.00	41	288	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.58	101	1487	0.58	ug/L #	71
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.26	96	1058	N.D.		
19) C255	Methyl Acetate	3.00	43	1230	0.52	ug/L #	56
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	152984	48.64	ug/L	94
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	2339	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.43	56	4737	0.95	ug/L	93
36) C150	Trichloroethene	5.18	95	11802	4.02	ug/L	97
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

8/31/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8851.D Vial: 24
Acq On : 27 Aug 2009 5:18 Operator: NMD
Sample : RSH0772-17 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:38 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

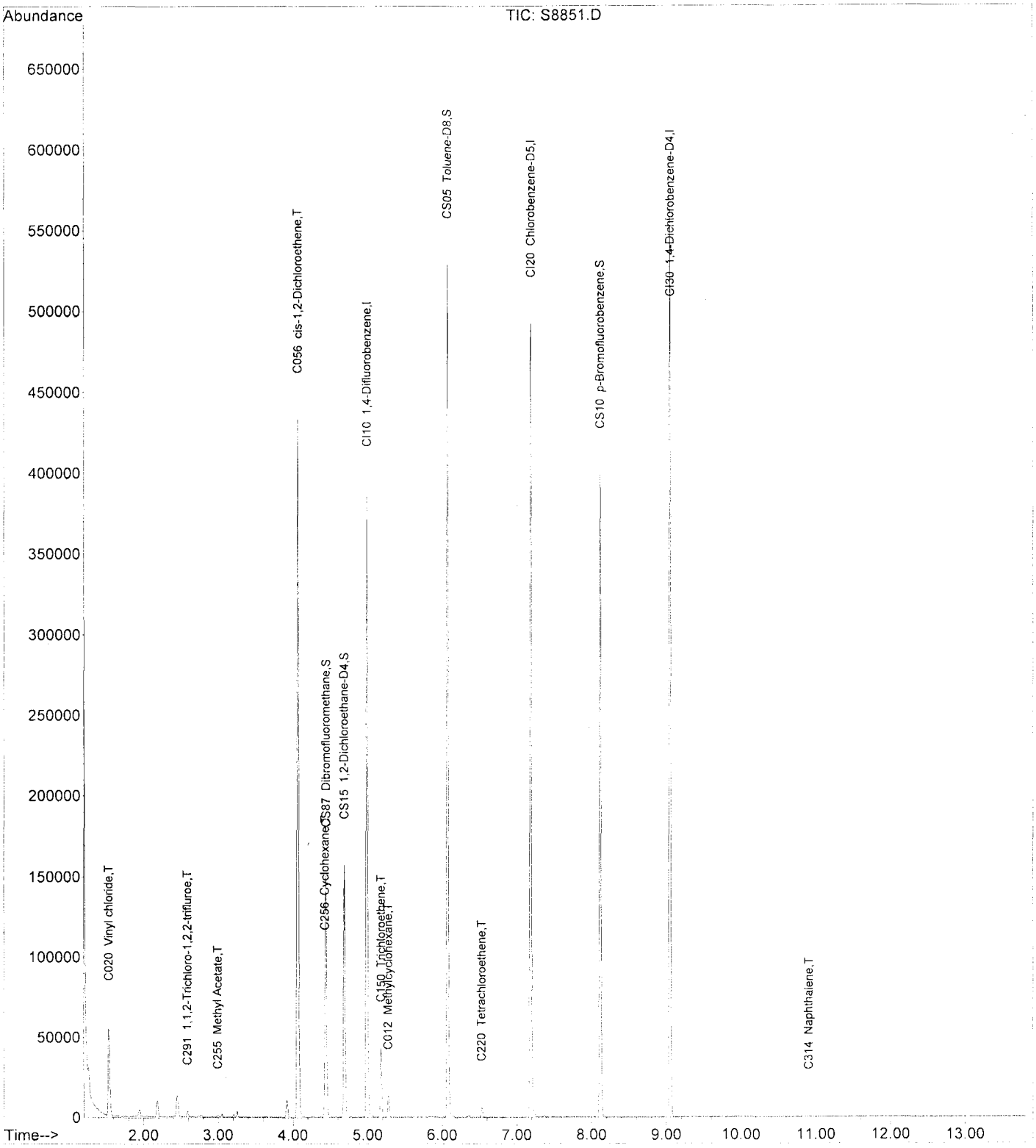
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.28	83	4820	0.93	ug/L	94
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	856	N.D.		
50) C220	Tetrachloroethene	6.53	166	1632	0.54	ug/L	77
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.28	91	157	N.D.		
58) C246	m,p-Xylene	7.37	106	192	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.97	105	158	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	9.39	146	479	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	503	1.07	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

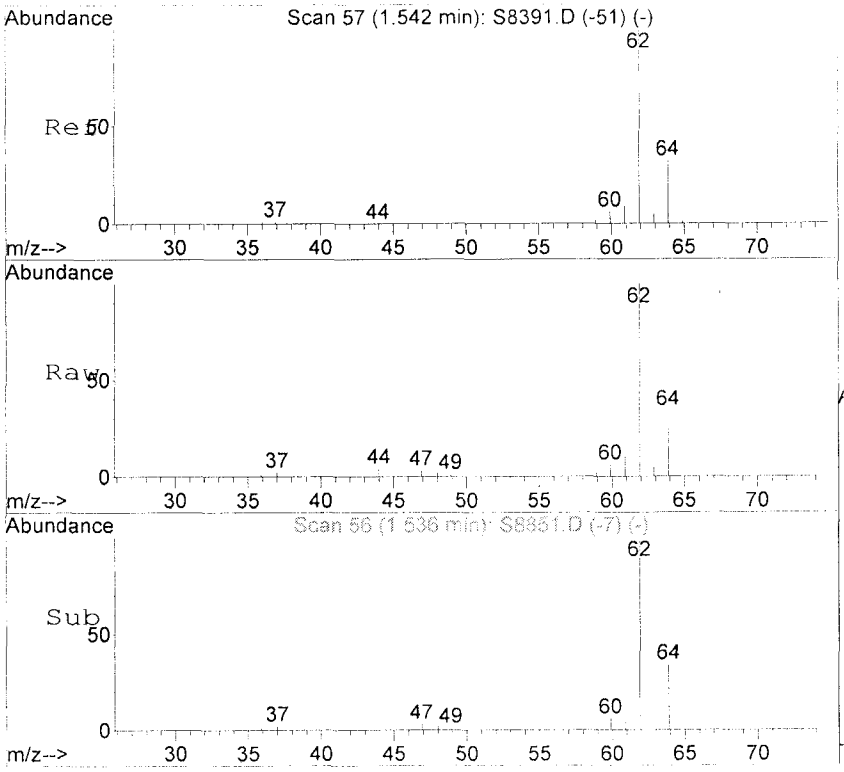
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDCHEM\S\DATA\082609\S8851.D
Acq On : 27 Aug 2009 5:18
Sample : RSH0772-17
Misc :
MS Integration Params: RTEINT.P

Vial: 24
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:38 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA

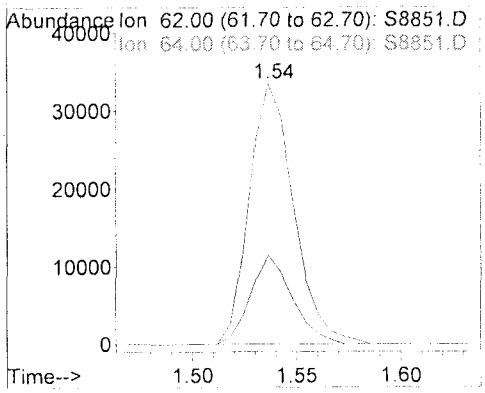


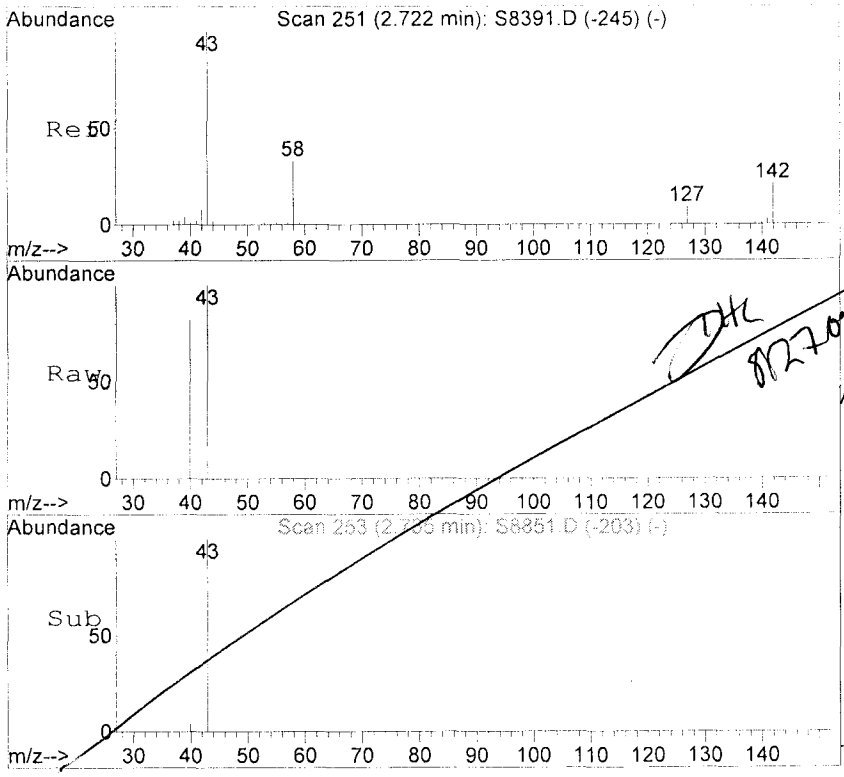


#4
C020 Vinyl chloride
Concen: 15.21 ug/L
RT: 1.54 min Scan# 56
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 62 Resp: 49773

Ion	Ratio	Lower	Upper
62	100		
64	34.1	9.4	69.4

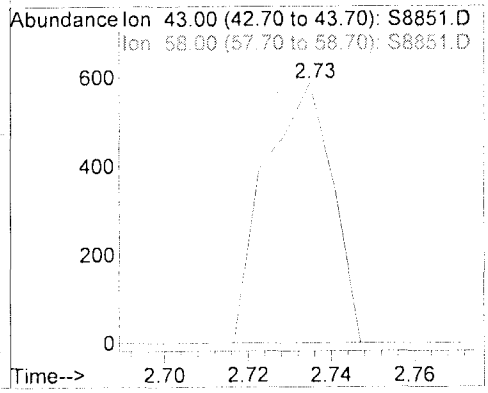


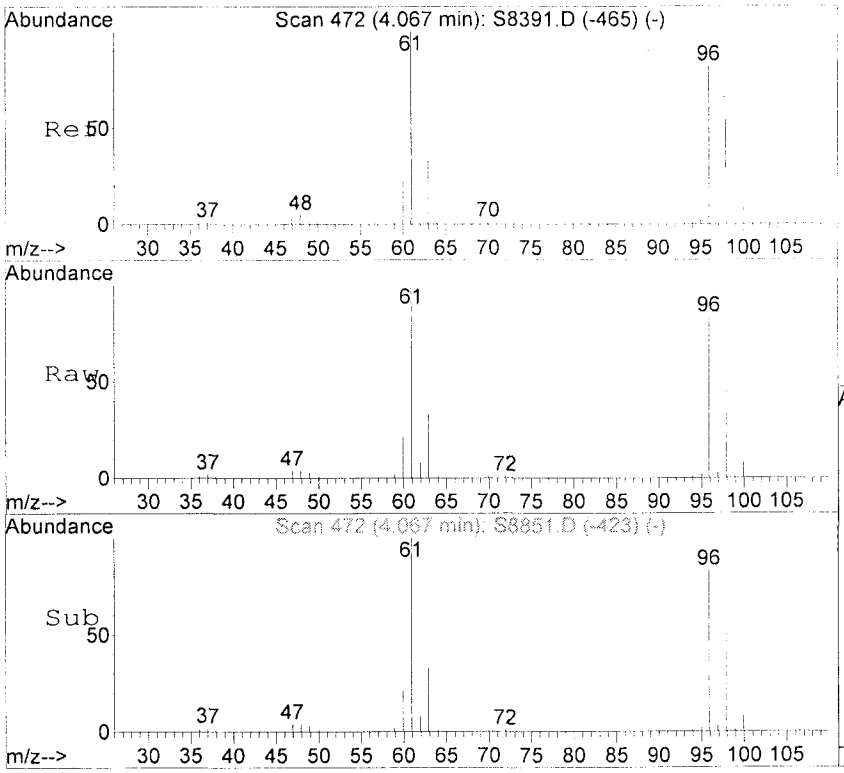


#13
C035 Acetone
Concen: Below Cal
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
58	0.0	1.4	61.4#

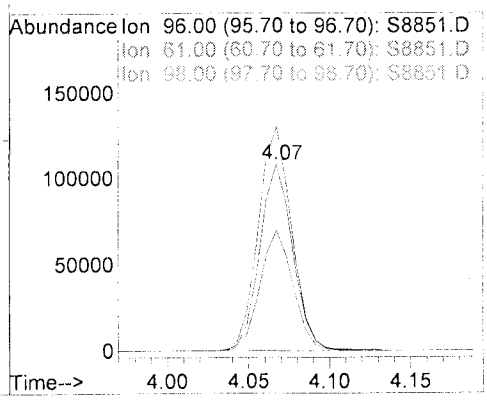


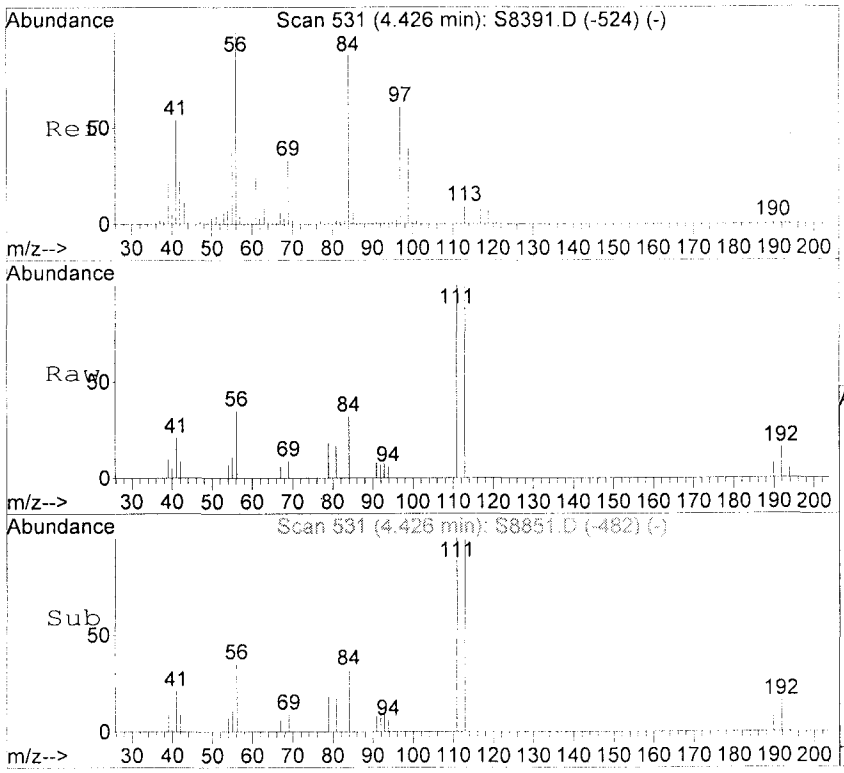


#23
C056 cis-1,2-Dichloroethene
Concen: 48.64 ug/L
RT: 4.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 96 Resp: 152984

Ion	Ratio	Lower	Upper
96	100		
61	120.5	99.9	159.9
98	64.2	31.8	91.8

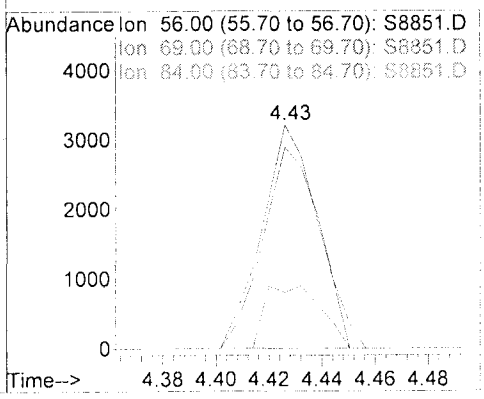


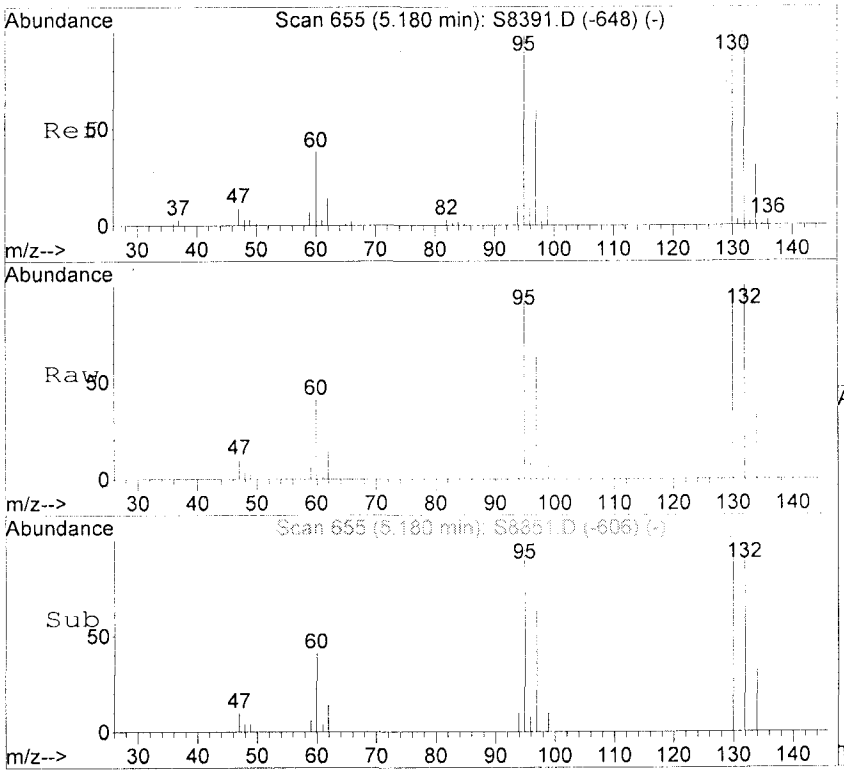


#35
C256 Cyclohexane
Concen: 0.95 ug/L
RT: 4.43 min Scan# 531
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 56 Resp: 4737

Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.8	35.8
84	90.1	66.2	99.4

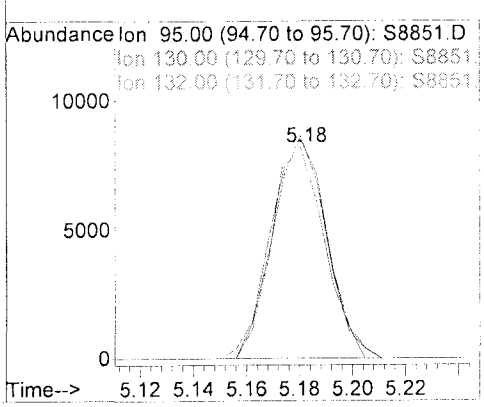


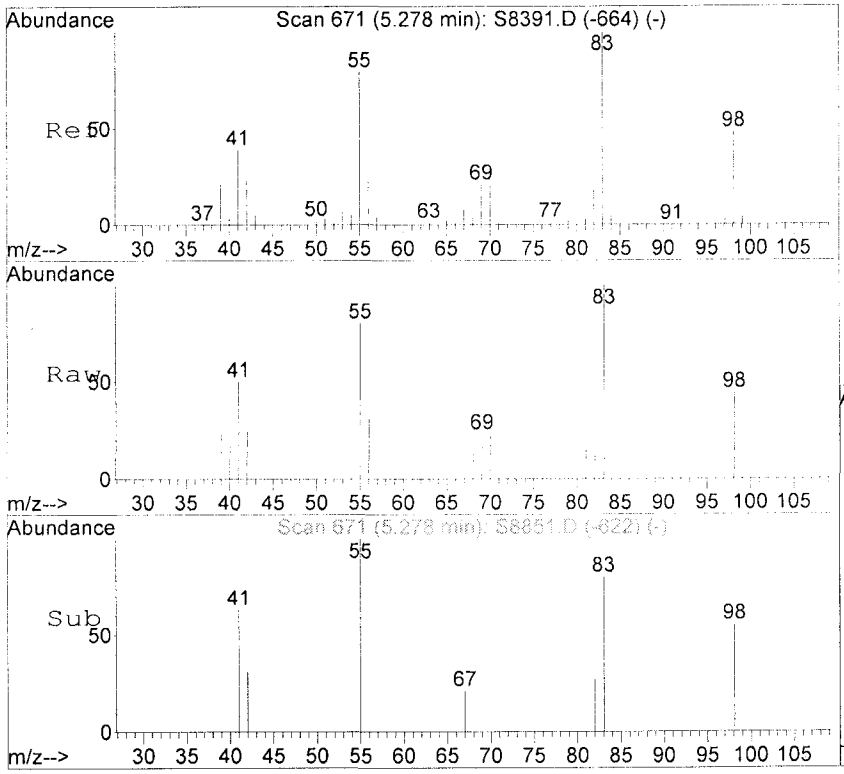


#36
C150 Trichloroethene
Concen: 4.02 ug/L
RT: 5.18 min Scan# 655
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 95 Resp: 11802

Ion	Ratio	Lower	Upper
95	100		
130	103.9	77.6	137.6
132	105.6	72.8	132.8

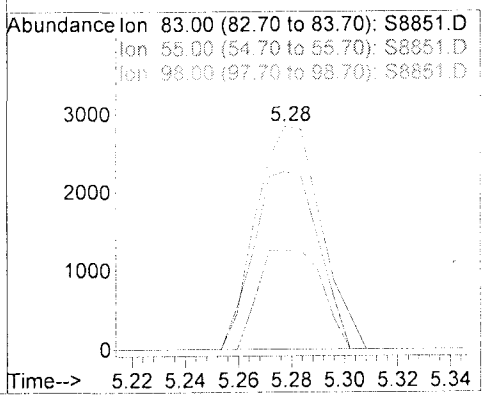


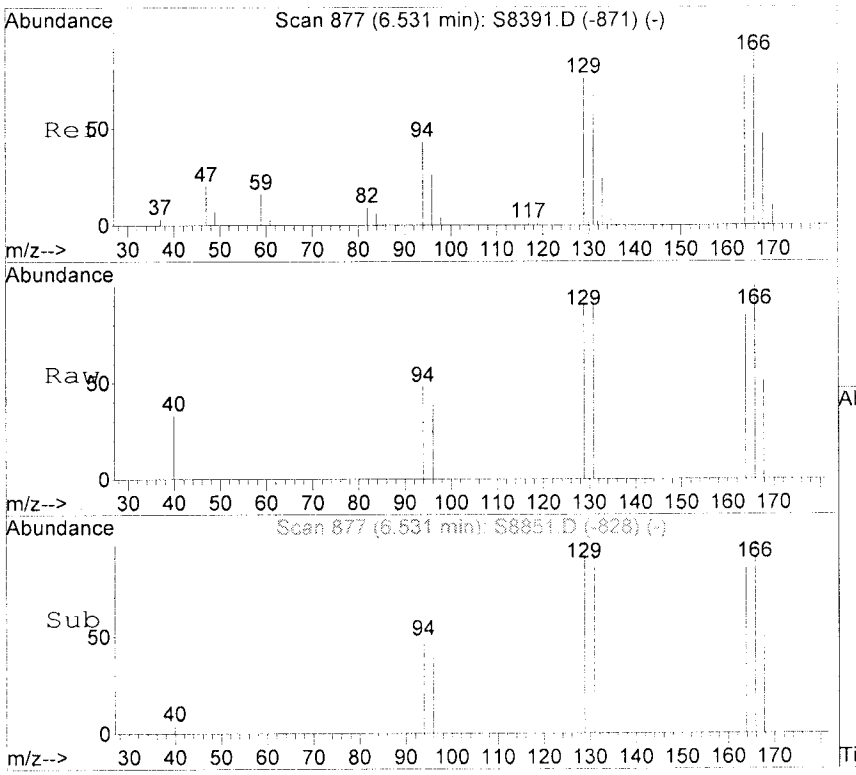


#41
C012 Methylcyclohexane
Concen: 0.93 ug/L
RT: 5.28 min Scan# 671
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion: 83 Resp: 4820

Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.8	98.6
98	43.4	40.2	60.4

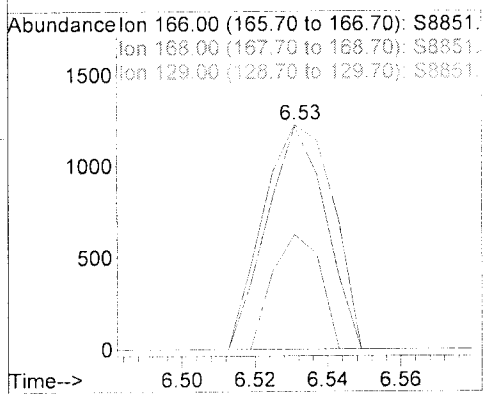




#50 128/199
C220 Tetrachloroethene
Concen: 0.54 ug/L
RT: 6.53 min Scan# 877
Delta R.T. -0.00 min
Lab File: S8851.D
Acq: 27 Aug 2009 5:18

Tgt Ion:166 Resp: 1632

Ion	Ratio	Lower	Upper
166	100		
168	50.9	18.6	78.6
129	99.1	39.3	99.3



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-2

Laboratory: TestAmerica Buffalo | SDG:

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

Matrix: Water | Laboratory ID: RSH0772-18 | File ID: S8852.D

Sampled: 08/25/09 11:30 | Prepared: 08/26/09 16:47 | Analyzed: 08/27/09 05:44

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

Batch: 9H26079 | Sequence: RH92618 | Calibration: R9G2906 | Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.8	99	66 - 137	
4-Bromofluorobenzene	25.0	27.7	111	73 - 120	
Toluene-d8	25.0	23.0	92	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	134444	9.06	148863	9.05	
1,4-Difluorobenzene	239175	4.99	272481	4.99	
Chlorobenzene-d5	132887	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8852.D Vial: 25
Acq On : 27 Aug 2009 5:44 Operator: NMD
Sample : RSH0772-18 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:43 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	239175	25.00	ug/L	0.00 87.78%
43) CI20	Chlorobenzene-D5	7.19	82	132887	25.00	ug/L	0.00 91.99%
63) CI30	1,4-Dichlorobenzene-	9.06	152	134444	25.00	ug/L	0.00 90.31%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	69267	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%	
31) CS15	1,2-Dichloroethane-D	4.69	65	80611	24.85	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	99.40%	
44) CS05	Toluene-D8	6.07	98	262549	23.05	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	92.20%	
62) CS10	p-Bromofluorobenzene	8.12	174	87623	27.69	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	110.76%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	2.78	76	1216	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.72	43	3530	Below Cal	94
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8852.D Vial: 25
Acq On : 27 Aug 2009 5:44 Operator: NMD
Sample : RSH0772-18 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:17:43 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

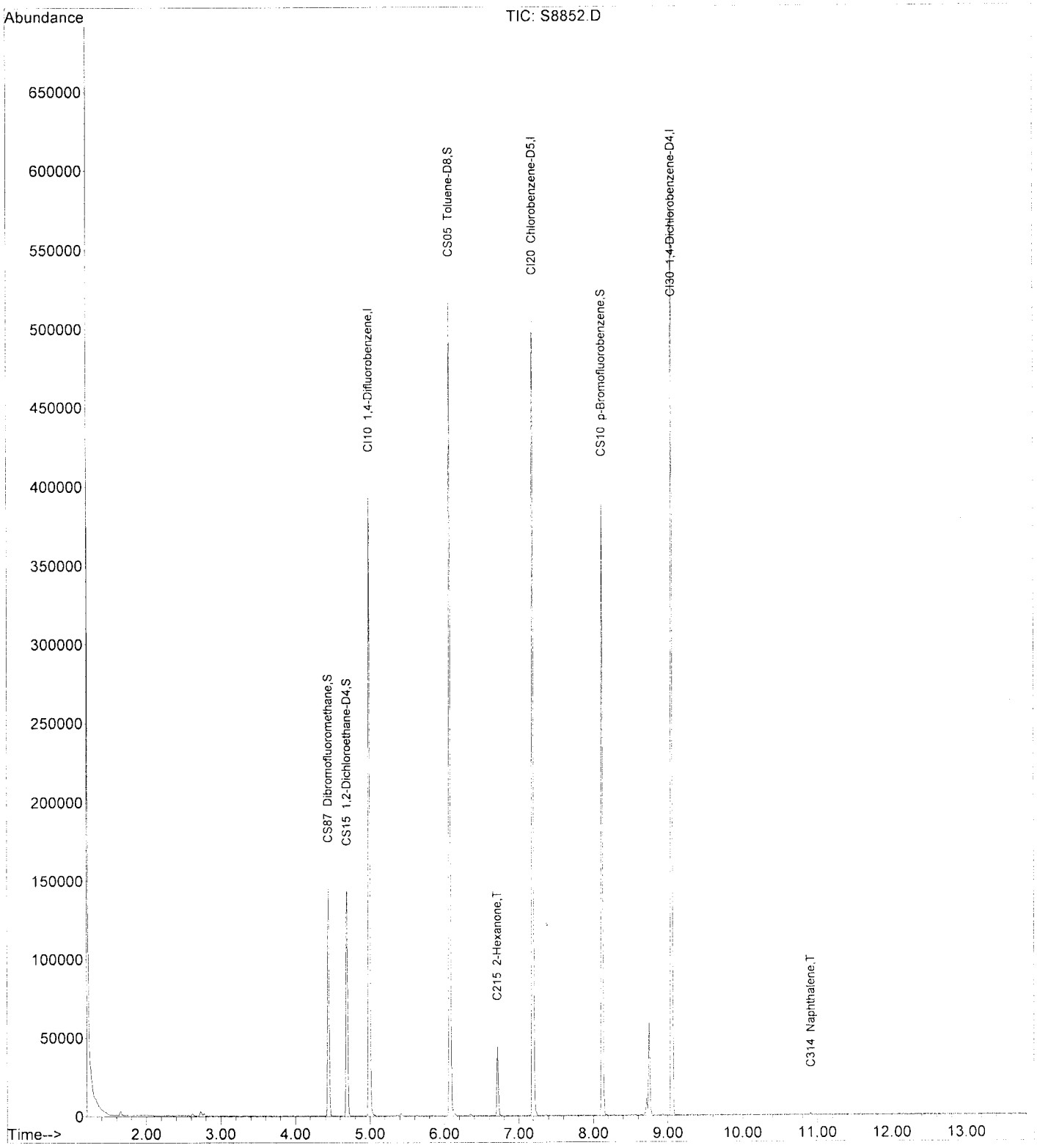
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.13	92	1092	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	924	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	6.71	43	5389	3.58	ug/L #	16
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.36	91	584	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	669	1.08	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

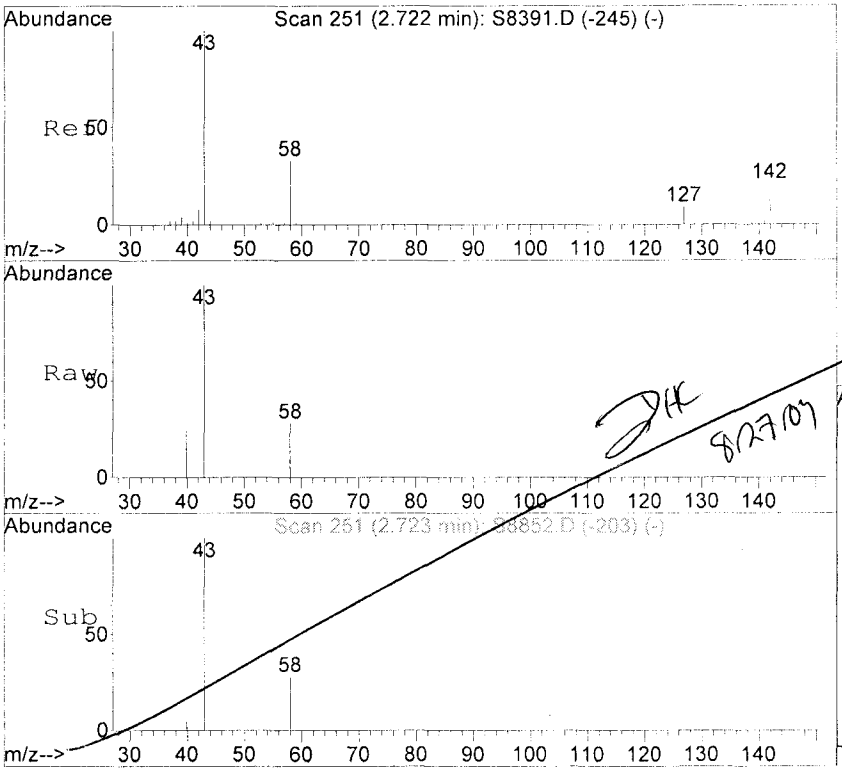
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDCHEM\S\DATA\082609\S8852.D
Acq On : 27 Aug 2009 5:44
Sample : RSH0772-18
Misc :
MS Integration Params: RTEINT.P

Vial: 25
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:17:43 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



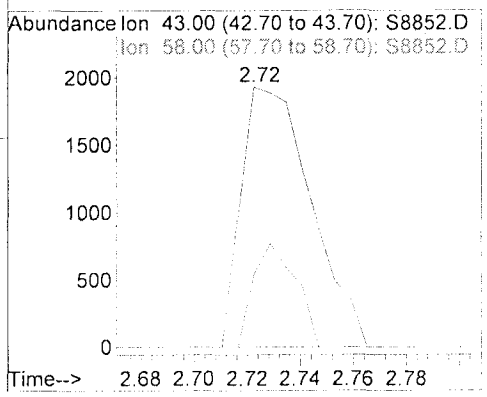


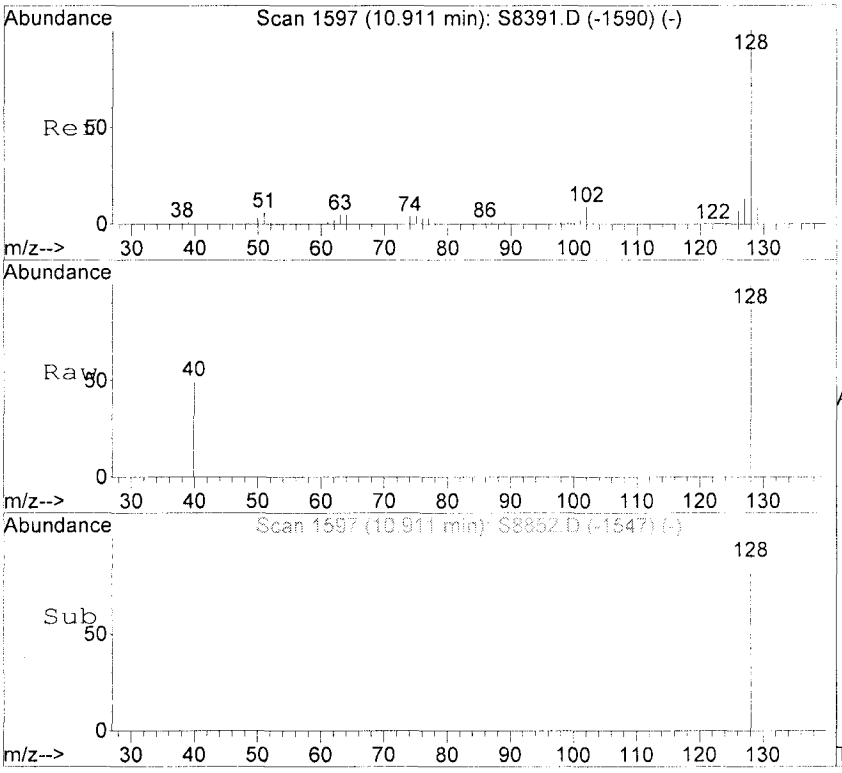
#13
C035 Acetone
Concen: Below Cal
RT: 2.72 min Scan# 251
Delta R.T. -0.01 min
Lab File: S8852.D
Acq: 27 Aug 2009 5:44

133/199

Tgt Ion: 43 Resp: 3530

Ion	Ratio	Lower	Upper
43	100		
58	28.0	1.4	61.4

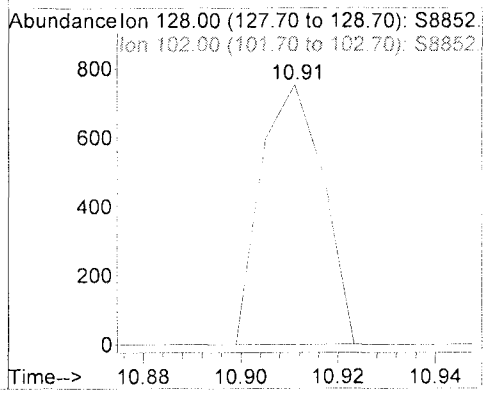




#84
C314 Naphthalene
Concen: 1.08 ug/L
RT: 10.91 min Scan# 1597
Delta R.T. 0.01 min
Lab File: S8852.D
Acq: 27 Aug 2009 5:44

Tgt Ion:128 Resp: 669

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.1



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: RSH0772-19 | File ID: S8834.D

Sampled: 08/25/09 00:00 | Prepared: 08/26/09 16:47 | Analyzed: 08/26/09 22:04

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

Batch: 9H26079 | Sequence: RH92618 | Calibration: R9G2906 | Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.8	99	66 - 137	
4-Bromofluorobenzene	25.0	28.2	113	73 - 120	
Toluene-d8	25.0	23.5	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	127735	9.06	148863	9.05	
1,4-Difluorobenzene	243671	4.99	272481	4.99	
Chlorobenzene-d5	132693	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8834.D Vial: 7
Acq On : 26 Aug 2009 22:04 Operator: NMD
Sample : RSH0772-19 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 22:31:55 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 22:31:21 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Sq Ea 8/26/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	243671	25.00	ug/L	0.00 89.43%
43) CI20	Chlorobenzene-D5	7.19	82	132693	25.00	ug/L	0.00 91.85%
63) CI30	1,4-Dichlorobenzene-	9.06	152	127735	25.00	ug/L	0.00 85.81%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	69346	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.24%	
31) CS15	1,2-Dichloroethane-D	4.69	65	81970	24.80	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	99.20%	
44) CS05	Toluene-D8	6.07	98	267589	23.53	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	94.12%	
62) CS10	p-Bromofluorobenzene	8.12	174	89167	28.22	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	112.88%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.06	84	587	Below Cal	# 80
10) C040	Carbon disulfide	2.77	76	1388	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

mr 8/31/2009

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8834.D Vial: 7
Acq On : 26 Aug 2009 22:04 Operator: NMD
Sample : RSH0772-19 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 22:31:55 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 22:31:21 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	749	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	138	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	~~10.91~~	~~128~~	~~886~~	~~1.10 ug/L~~	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

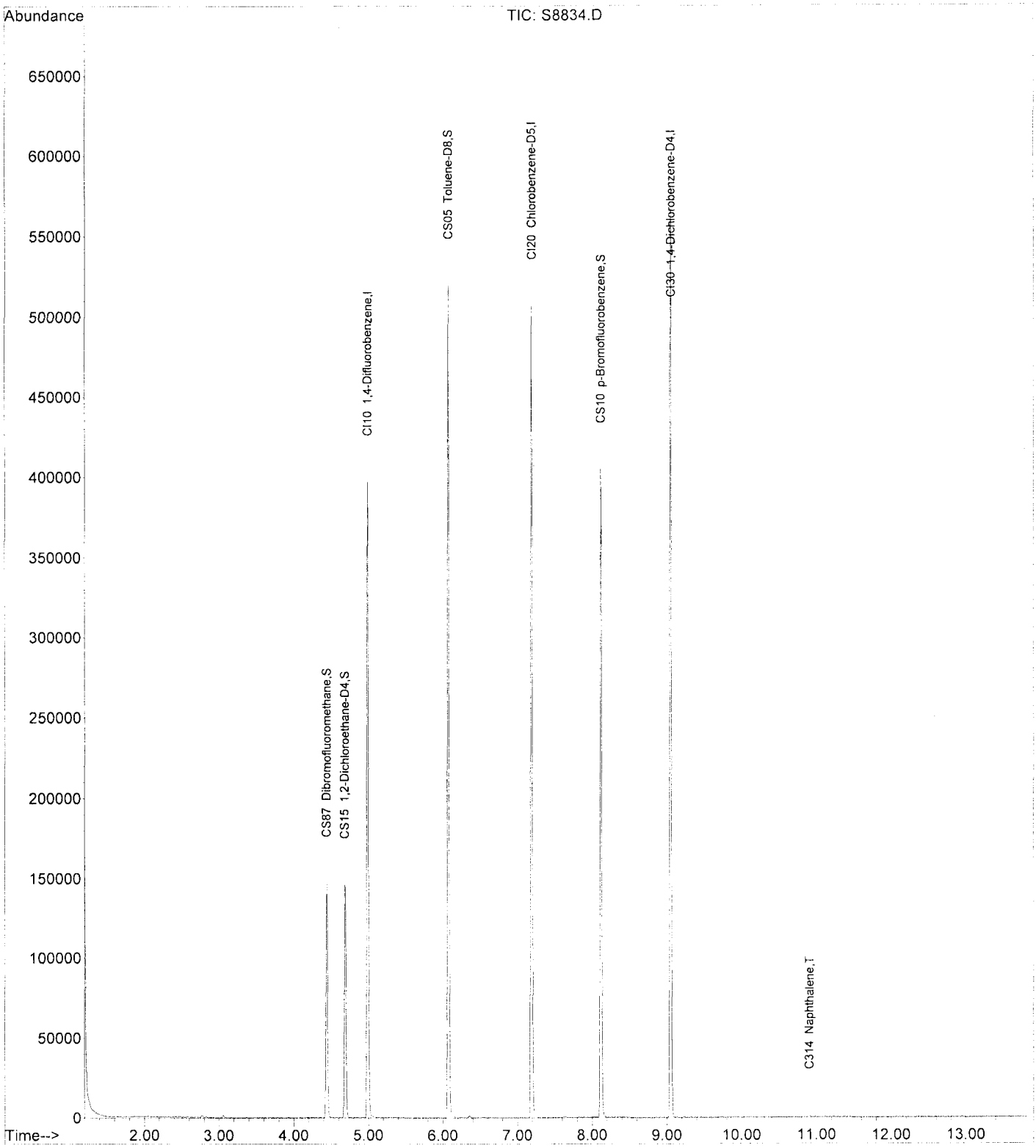
(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/3/09

Data File : D:\MSDCHEM\S\DATA\082609\S8834.D
Acq On : 26 Aug 2009 22:04
Sample : RSH0772-19
Misc :
MS Integration Params: RTEINT.P

Vial: 7 137/199
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 26 22:31:55 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 22:31:21 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

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
1,1,1,2-Tetrachloroethane	1	0.470804	5	0.4743831	10	0.4855804	25	0.5228965	50	0.5427603	100	0.5121717
1,1,1-Trichloroethane	1	0.426066	5	0.4137627	10	0.4163495	25	0.4244334	50	0.4256199	100	0.4019457
1,1,2,2-Tetrachloroethane	1	0.6296924	5	0.6183446	10	0.6678158	25	0.653916	50	0.6516111	100	0.6430594
1,1,2-Trichloroethane	1	0.3954117	5	0.394966	10	0.4078557	25	0.410946	50	0.4154594	100	0.3952199
1,1,2-Trichlorotrifluoroethane	1	0.2714499	5	0.2720684	10	0.2722807	25	0.2718935	50	0.2577763	100	0.243603
1,1-Dichloroethane	1	0.5966917	5	0.5475262	10	0.5443967	25	0.5416733	50	0.5300665	100	0.5076924
1,1-Dichloroethene	1	0.2842575	5	0.2776689	10	0.2641283	25	0.2684307	50	0.2654309	100	0.2500485
1,1-Dichloropropene	1	0.341109	5	0.3813645	10	0.3764438	25	0.3955319	50	0.397443	100	0.3771486
1,2,3-Trichlorobenzene	1	0.5194399	5	0.5739933	10	0.6357141	25	0.6622975	50	0.6612313	100	0.6538195
1,2,3-Trichloropropane	1	0.1723487	5	0.2037615	10	0.222758	25	0.20594	50	0.1965546	100	0.1861148
1,2,4-Trichlorobenzene	1	0.5678778	5	0.5957841	10	0.6637323	25	0.7042259	50	0.7206139	100	0.7109475
1,2,4-Trimethylbenzene	1	1.991022	5	2.395399	10	2.496536	25	2.550416	50	2.561963	100	2.408524
1,2-Dibromo-3-chloropropane	1	8.884971E-02	5	9.639987E-02	10	0.1061567	25	0.114472	50	0.1157723	100	0.1187251
1,2-Dibromoethane (EDB)	1	0.4491686	5	0.4611343	10	0.4958982	25	0.5026298	50	0.5081031	100	0.4951212
1,2-Dichlorobenzene	1	1.29346	5	1.27629	10	1.318893	25	1.281007	50	1.283469	100	1.202489
1,2-Dichloroethane	1	0.4425024	5	0.4085461	10	0.4031595	25	0.3865126	50	0.3839789	100	0.3551581
1,2-Dichloroethane-d4	1	0.4005931	5	0.3400292	10	0.3365117	25	0.3340887	50	0.3253107	100	0.2981795
1,2-Dichloroethene, Total	2	0.3266293	10	0.3140524	20	0.3139841	50	0.3141814	100	0.3117613	200	0.2949328
1,2-Dichloropropane	1	0.3405397	5	0.3133109	10	0.3136285	25	0.3147561	50	0.3154219	100	0.3004734
1,3,5-Trimethylbenzene	1	2.037911	5	2.437176	10	2.537034	25	2.569625	50	2.573729	100	2.47625
1,3-Dichlorobenzene	1	1.360766	5	1.385509	10	1.3533	25	1.331244	50	1.32483	100	1.217007
1,3-Dichloropropane	1	0.873516	5	0.8682387	10	0.8924877	25	0.898261	50	0.9160411	100	0.8736647
1,4-Dichlorobenzene	1	1.526779	5	1.417651	10	1.389377	25	1.35324	50	1.363772	100	1.286081
2,2-Dichloropropane	1	0.3287283	5	0.322195	10	0.3301308	25	0.3463358	50	0.3573754	100	0.351256
2-Butanone	5	0.1188545	25	0.1109272	50	0.1226132	125	0.1233146	250	0.1154518	500	0.1128845
2-Chloroethyl vinyl ether	5	0.1267525	25	0.1453009	50	0.161223	125	0.1613762	250	0.1540779	500	0.139761
2-Chlorotoluene	1	0.6132179	5	0.6641824	10	0.6897695	25	0.714655	50	0.7149075	100	0.6900305
2-Hexanone	5	0.2266284	25	0.2604943	50	0.2993673	125	0.3148543	250	0.3023583	500	0.2969687
4-Bromofluorobenzene	1	0.5512403	5	0.556551	10	0.5805773	25	0.6529797	50	0.6339678	100	0.5961294
4-Chlorotoluene	1	0.6660208	5	0.7209553	10	0.7318441	25	0.7387242	50	0.7407466	100	0.7099431
4-Methyl-2-pentanone (MIBK)	5	0.3457961	25	0.3910595	50	0.4345251	125	0.4569031	250	0.4429462	500	0.4335302
Acetone	5	0.1106007	25	8.235004E-02	50	8.468964E-02	125	8.025614E-02	250	7.367217E-02	500	0.0708532
Acetonitrile	40	5.323691E-02	200	4.481867E-02	400	4.793919E-02	1000	4.536634E-02	2000	4.051813E-02	4000	3.784002E-02
Acrolein	20	2.738691E-02	100	2.475943E-02	200	2.679543E-02	500	2.589218E-02	1000	2.393325E-02	2000	2.342486E-02
Acrylonitrile	5	0.1101596	25	0.1031527	50	0.1084882	125	0.1074897	250	9.978017E-02	500	9.787998E-02
Benzene	1	1.356538	5	1.292593	10	1.296777	25	1.273815	50	1.257472	100	1.177503
Bromobenzene	1	0.640957	5	0.6672081	10	0.6781525	25	0.6925611	50	0.6997271	100	0.6757684
Bromochloromethane	1	0.175891	5	0.15271	10	0.1520763	25	0.1478479	50	0.1490245	100	0.1374991
Bromodichloromethane	1	0.3200476	5	0.3381359	10	0.3440122	25	0.3549828	50	0.3695292	100	0.3553761
Bromoform	1	0.1957812	5	0.2112996	10	0.2405585	25	0.2759353	50	0.2970508	100	0.3076687
Bromomethane	1	0.1318471	5	0.1250781	10	0.1122759	25	9.387492E-02	50	8.956955E-02	100	9.708507E-02
Carbon disulfide	1	0.594059	5	0.5976793	10	0.6607554	25	0.7153022	50	0.720149	100	0.7187907
Carbon Tetrachloride	1	0.3192649	5	0.3411679	10	0.33181	25	0.3505132	50	0.3567159	100	0.3450075
Chlorobenzene	1	1.803576	5	1.664126	10	1.654562	25	1.671127	50	1.67513	100	1.593272
Chlorodibromomethane	1	0.3678032	5	0.4140442	10	0.4489624	25	0.4880426	50	0.5185403	100	0.5134397
Chloroethane	1	7.912248E-02	5	7.309794E-02	10	7.773051E-02	25	7.495953E-02	50	7.112211E-02	100	6.847304E-02

Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

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
Chloroform	1	0.5830302	5	0.5381126	10	0.5238973	25	0.5157349	50	0.5025997	100	0.4742588
Chloromethane	1	0.413543	5	0.3825825	10	0.3736319	25	0.3735184	50	0.3473594	100	0.336468
cis-1,2-Dichloroethene	1	0.3407532	5	0.3257301	10	0.3318232	25	0.3261787	50	0.3261344	100	0.3095115
cis-1,3-Dichloropropene	1	0.3579011	5	0.3924596	10	0.4088754	25	0.4422769	50	0.4664039	100	0.4518491
Cyclohexane	1	0.4693984	5	0.5137246	10	0.5391352	25	0.5511847	50	0.5340235	100	0.5044276
Dibromomethane	1	0.1741833	5	0.1732452	10	0.1709492	25	0.1681749	50	0.1709287	100	0.1611481
Dichlorodifluoromethane	1	0.3686453	5	0.3363882	10	0.3346152	25	0.3406845	50	0.3267865	100	0.3127986
Ethyl Methacrylate	1	0.4369571	5	0.5245519	10	0.6173723	25	0.6780128	50	0.6841578	100	0.6873306
Ethylbenzene	1	2.74983	5	2.774528	10	2.864359	25	2.934233	50	2.915665	100	2.750419
Hexachlorobutadiene	1	0.2451464	5	0.2690278	10	0.2668541	25	0.2671289	50	0.2712689	100	0.2636514
Iodomethane	1	0.1208895	5	0.1833076	10	0.2544021	25	0.3520397	50	0.3879754	100	0.3846966
Isopropylbenzene	1	2.416262	5	2.686934	10	2.861704	25	3.06167	50	3.089551	100	2.997915
Methyl Acetate	1	0.2493212	5	0.2346787	10	0.255278	25	0.2546046	50	0.2435328	100	0.2240636
Methylcyclohexane	1	0.4506851	5	0.5091568	10	0.5472547	25	0.5864272	50	0.583166	100	0.5615341
Methylene Chloride	1	2.355601	5	0.6422318	10	0.4546748	25	0.3595499	50	0.3351328	100	0.3069183
Methyl-t-Butyl Ether (MTBE)	1	0.601957	5	0.6462568	10	0.6805832	25	0.7150424	50	0.7142543	100	0.7034433
m-Xylene & p-Xylene	2	1.043813	10	1.107184	20	1.118037	50	1.148958	100	1.121222	200	1.041601
Naphthalene	1	1.252063	5	1.401195	10	1.84434	25	2.039793	50	2.062845	100	2.082737
n-Butylbenzene	1	1.877531	5	2.048099	10	2.247809	25	2.364031	50	2.376141	100	2.280797
n-Propylbenzene	1	3.234777	5	3.698947	10	3.836386	25	3.942363	50	3.831213	100	3.555579
o-Xylene	1	0.9244855	5	0.9915662	10	1.031424	25	1.090912	50	1.093493	100	1.031676
p-Cymene	1	2.039178	5	2.454746	10	2.603124	25	2.719133	50	2.708975	100	2.577653
sec-Butylbenzene	1	2.479766	5	2.729852	10	2.954101	25	3.074271	50	3.095716	100	3.003154
Styrene	1	1.357859	5	1.569618	10	1.652463	25	1.699183	50	1.708105	100	1.635261
tert-Butylbenzene	1	0.3925721	5	0.4886613	10	0.518385	25	0.5539268	50	0.5596391	100	0.5409642
Tetrachloroethene	1	0.5967677	5	0.5651564	10	0.5672375	25	0.587042	50	0.583452	100	0.5644622
Tetrahydrofuran	5	6.987255E-02	25	7.003686E-02	50	8.080312E-02	125	8.186361E-02	250	7.711762E-02	500	7.588896E-02
Toluene	1	1.512095	5	1.496813	10	1.533227	25	1.562893	50	1.541196	100	1.467631
Toluene-d8	1	2.079528	5	2.080366	10	2.130457	25	2.24762	50	2.216411	100	2.101268
trans-1,2-Dichloroethene	1	0.3125053	5	0.3023747	10	0.2961451	25	0.3021841	50	0.2973882	100	0.2803541
trans-1,3-Dichloropropene	1	0.5256228	5	0.6155523	10	0.6785835	25	0.7484922	50	0.8029043	100	0.7910865
trans-1,4-Dichloro-2-butene	5	9.521422E-02	25	0.0990859	50	0.1069519	125	0.1078443	250	0.1018789	500	9.460898E-02
Trichloroethene	1	0.3233918	5	0.3074589	10	0.3019268	25	0.3037181	50	0.3043327	100	0.2893863
Trichlorofluoromethane	1	0.4006643	5	0.3607233	10	0.344348	25	0.3367969	50	0.3304471	100	0.3317026
Vinyl acetate	5	0.4544847	25	0.5080817	50	0.5472481	125	0.5839173	250	0.5755558	500	0.5555142
Vinyl chloride	1	0.3936201	5	0.3444514	10	0.3438936	25	0.3485669	50	0.3323305	100	0.3181439
Xylenes, total	3	1.004037	15	1.068645	30	1.089166	75	1.129609	150	1.111979	300	1.038293

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1-Dimethoxyethane	5	6.705951E-03	25	1.047551E-02	50	1.282254E-02	125	1.307687E-02	250	1.861284E-02	500	1.853593E-02
1,2,3-Trimethylbenzene	1	2.684662	5	2.684098	10	2.66833	25	2.707066	50	3.165875	100	2.546781
1,4-Dioxane	40	1.814422E-03	200	2.653483E-03	400	3.093494E-03	1000	3.091245E-03	2000	3.054921E-03	4000	3.498836E-03
2-Nitropropane	5	0.0813352	25	9.148353E-02	50	0.1200252	125	0.1311444	250	0.1392017	500	0.1515819
3-Chlorotoluene	1	0.7334083	5	0.7318955	10	0.7300745	25	0.7559402	50	0.9052312	100	0.7334801
Allyl chloride	1	0.4411278	5	0.4476036	10	0.4537411	25	0.4401677	50	0.4617773	100	0.4523993
Chloroprene	1	0.4113867	5	0.4415987	10	0.443617	25	0.4273301	50	0.4498844	100	0.437701
Cyclohexanone	10	6.711995E-02	50	7.267434E-02	100	0.0826654	250	8.325961E-02	500	8.126886E-02	1000	8.774472E-02
Dicyclopentadiene	1	3.420526	5	3.17311	10	3.112652	25	3.197413	50	3.824257	100	3.144993
Diethyl ether	1	0.5130857	5	0.4531924	10	0.4911322	25	0.4440877	50	0.437578	100	0.4543836
Epichlorohydrin	20	2.292779E-02	100	2.349844E-02	200	2.687524E-02	500	2.628962E-02	1000	3.166359E-02	2000	2.897347E-02
Ethyl Acetate	1	0.1972004	5	0.1703587	10	0.1871913	25	0.1887846	50	0.1906193	100	0.2104045
Ethyl tert-Butyl Ether	1	0.7084187	5	0.7095791	10	0.7712567	25	0.8034465	50	0.9868112	100	0.8451289
Heptane	1	0.4341819	5	0.471423	10	0.4424167	25	0.4371573	50	0.5187027	100	0.4334247
Hexane	1	0.4416961	5	0.4580215	10	0.4289934	25	0.4658502	50	0.5733324	100	0.4693046
Isobutanol	40	5.88665E-03	200	6.127534E-03	400	7.613935E-03	1000	8.436183E-03	2000	8.573928E-03	4000	1.060617E-02
Isopropyl ether	1	0.7695426	5	0.7996916	10	0.8411196	25	0.8622997	50	0.8851238	100	0.8849534
Methacrylonitrile	1	0.129762	5	0.1385285	10	0.1521059	25	0.1527157	50	0.1545307	100	0.1646604
Methyl Methacrylate	1	0.1592505	5	0.1690925	10	0.2022674	25	0.1962752	50	0.1998691	100	0.2217085
n-Butanol	40	2.590505E-03	200	4.000088E-03	400	5.106645E-03	1000	5.703675E-03	2000	5.959086E-03	4000	7.468852E-03
Propionitrile	10	3.813931E-02	50	3.727481E-02	100	3.941531E-02	250	3.836656E-02	500	3.734426E-02	1000	4.042445E-02
Propylene Oxide	5	4.540093E-02	25	4.045533E-02	50	4.406822E-02	125	4.426605E-02	250	5.523305E-02	500	5.226854E-02
t-Butanol	20	1.302672E-02	100	1.337395E-02	200	1.585787E-02	500	0.0160387	1000	0.0165146	2000	2.036529E-02
Tert-Amyl Methyl Ether	1	0.5666592	5	0.5741723	10	0.6293252	25	0.6569445	50	0.8121401	100	0.7222366

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5014327	5.783487	7.286667	7.090845E-02			15	
1,1,1-Trichloroethane	0.4180295	2.251503	4.413333	0.1171263			15	
1,1,2,2-Tetrachloroethane	0.6440732	2.766286	8.26	2.545302E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.4033098	2.283398	6.47	7.957117E-03			15	
1,1,2-Trichlorotrifluoroethane	0.2648453	4.47383	2.58	0.0147416			15	
1,1-Dichloroethane	0.5446745	5.386658	3.608333	0.1113674			SPCC (0.1)	
1,1-Dichloroethene	0.2683275	4.413336	2.59	1.844393E-02			CCC (30)	
1,1-Dichloropropene	0.3781735	5.368129	4.54	1.997184E-02			15	
1,1-Dimethoxyethane	1.337161E-02	34.65191	3.703333	0.1396023	0.99770		0.995	
1,2,3-Trichlorobenzene	0.6177493	9.46076	11.11	1.251905E-02			15	
1,2,3-Trichloropropane	0.1979129	8.782135	8.3	2.564839E-02			15	
1,2,3-Trimethylbenzene	2.742802	7.837673	9.09	0.0186287			15	
1,2,4-Trichlorobenzene	0.6605303	9.775856	10.7	0.0142798			15	
1,2,4-Trimethylbenzene	2.400643	8.846885	8.75	0			15	
1,2-Dibromo-3-chloropropane	0.1067293	11.18335	10.05	1.286178E-02			15	
1,2-Dibromoethane (EDB)	0.4853425	4.97792	6.86	1.598247E-02			15	
1,2-Dichlorobenzene	1.275935	3.061482	9.38	2.144103E-02			15	
1,2-Dichloroethane	0.3966429	7.368705	4.75	0			15	
1,2-Dichloroethane-d4	0.3391188	9.937745	4.69	2.144103E-02			15	
1,2-Dichloroethene, Total	0.3125902	3.250412	4.07	5.734557E-03			15	
1,2-Dichloropropane	0.3163551	4.13898	5.36	1.480693E-02			CCC (30)	
1,3,5-Trimethylbenzene	2.438621	8.34541	8.435	6.116421E-02			15	
1,3-Dichlorobenzene	1.328776	4.434084	9	0			15	
1,3-Dichloropropane	0.8870349	2.086013	6.591667	5.876389E-02			15	
1,4-Dichlorobenzene	1.389483	5.785378	9.07	1.658642E-02			15	
1,4-Dioxane	2.867734E-03	20.27081	5.49	0.2297832	0.99809		0.995	
2,2-Dichloropropane	0.3393369	4.183338	4.04	0.0140516			15	
2-Butanone	0.117341	4.351106	4.11	0.3078664			15	
2-Chloroethyl vinyl ether	0.1480819	9.146751	5.79	2.466137E-02			15	
2-Chlorotoluene	0.6811271	5.616722	8.39	1.059447E-02			15	
2-Hexanone	0.2834452	11.73883	6.638333	0.1139546			15	
2-Nitropropane	0.1191287	23.12293	5.765	9.359827E-02	0.99917		0.995	
3-Chlorotoluene	0.765005	9.066622	8.436666	5.673725E-02			15	
4-Bromofluorobenzene	0.5952409	6.919586	8.12	2.452584E-02			15	
4-Chlorotoluene	0.718039	3.89657	8.48	9.359097E-03			15	
4-Methyl-2-pentanone (MIBK)	0.41746	9.927341	6.01	1.652991E-02			15	
Acetone	8.373698E-02	16.92165	2.726667	0.1891155	0.99953		0.995	
Acetonitrile	4.495321E-02	12.10245	2.983333	0.1715812			15	
Acrolein	2.536534E-02	6.256575	2.57	0.0202814			15	
Acrylonitrile	0.1044917	4.78106	3.303333	0.1555006			15	
Allyl chloride	0.4494695	1.828929	2.93	2.548976E-02			15	
Benzene	1.275783	4.603	4.7	4.552213E-03			15	
Bromobenzene	0.675729	3.066469	8.25	0			15	
Bromochloromethane	0.1525081	8.325669	4.26	9.315157E-03			15	
Bromodichloromethane	0.347014	4.91652	5.58	1.791896E-02			15	
Bromoform	0.2547157	18.08085	7.891667	5.151265E-02	0.99972		SPCC (0.1)	
Bromomethane	0.1082884	16.18804	1.82	1.788648E-02	0.99877		0.995	
Carbon disulfide	0.6677893	8.985171	2.77	1.636681E-02			15	
Carbon Tetrachloride	0.3407466	3.959308	4.53	2.070075E-02			15	
Chlorobenzene	1.676965	4.108851	7.21	6.933966E-03			SPCC (0.3)	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
Chlorodibromomethane	0.4584721	13.01008	6.77	1.815745E-02			15	
Chloroethane	7.408427E-02	5.422069	1.9	6.895769E-03			15	
Chloroform	0.5229389	6.988274	4.32	1.350901E-02			CCC (30)	
Chloromethane	0.3711839	7.337065	1.49	2.352917E-02			SPCC (0.1)	
Chloroprene	0.435253	3.18796	3.663333	0.1404361			15	
cis-1,2-Dichloroethene	0.3266885	3.123793	4.07	5.734557E-03			15	
cis-1,3-Dichloropropene	0.419961	9.761327	5.9	9.245392E-03			15	
Cyclohexane	0.518649	5.697979	4.43	1.624233E-02			15	
Cyclohexanone	7.912215E-02	9.695741	8.105	6.914686E-02			15	
Dibromomethane	0.1697716	2.777422	5.47	0.0171434			15	
Dichlorodifluoromethane	0.336653	5.493849	1.3	2.015686E-02			15	
Dicyclopentadiene	3.312159	8.259936	9.06	2.070075E-02			15	
Diethyl ether	0.4655766	6.396597	2.416667	0.2137632			15	
Epichlorohydrin	2.670469E-02	12.36127	5.861667	0.0730617			15	
Ethyl Acetate	0.1907598	6.876096	4.135	0.1311671			15	
Ethyl Methacrylate	0.6047304	17.06335	6.355	8.449592E-02	0.99996		0.995	
Ethyl tert-Butyl Ether	0.8041069	12.95212	3.913333	0.1312274			15	
Ethylbenzene	2.831506	2.963532	7.28	1.788648E-02			CCC (30)	
Heptane	0.4562177	7.397221	4.845	0.1136008			15	
Hexachlorobutadiene	0.2638463	3.60153	10.81	7.494962E-03			15	
Hexane	0.4728664	10.8955	3.43	1.598247E-02			15	
Iodomethane	0.2805518	40.05121	2.736667	0.187824	0.99955		0.995	
Isobutanol	7.874067E-03	22.24338	4.711667	8.881163E-02	0.99560		0.995	✓ NOT REQ mm 8/31/09
Isopropyl ether	0.8404551	5.617026	3.633333	0.1418208			15	
Isopropylbenzene	2.852339	9.127329	7.97	6.953822E-03			15	
Methacrylonitrile	0.1487172	8.390741	4.27	2.269215E-02			15	
Methyl Acetate	0.2435798	5.033048	2.981667	0.1349422			15	
Methyl Methacrylate	0.1914105	12.05781	5.436667	9.547405E-02			15	
Methylcyclohexane	0.539704	9.61459	5.28	1.458778E-02			15	
Methylene Chloride	0.7423515	107.7206	3.06	1.277828E-02	0.99975		0.995	
Methyl-t-Butyl Ether (MTBE)	0.6769228	6.647336	3.256667	0.1580382			15	
m-Xylene & p-Xylene	1.096802	4.022083	7.361667	5.458539E-02			15	
Naphthalene	1.780496	20.49017	10.91	1.552107E-02	0.99994		0.995	
n-Butanol	5.138142E-03	32.81298	5.198333	0.1437502		0.9998619	0.99	
n-Butylbenzene	2.199068	8.952703	9.33	0.0156945			15	
n-Propylbenzene	3.683211	6.976685	8.3	2.564839E-02			15	
o-Xylene	1.027259	6.204552	7.69	4.746143E-03			15	
p-Cymene	2.517135	10.06606	8.99	2.107802E-02			15	
Propionitrile	3.849412E-02	3.187134	4.181667	9.840688E-02			15	
Propylene Oxide	4.694869E-02	11.93493	2.49	0.0140797			15	
sec-Butylbenzene	2.889477	8.293393	8.876667	5.566843E-02			15	
Styrene	1.603748	8.1295	7.703333	0.0664891			15	
t-Butanol	1.586285E-02	16.6708	3.228333	0.2336845	0.99547		0.995	✓ NOT REQ mm 8/31/2009
Tert-Amyl Methyl Ether	0.6602463	14.21596	4.766667	0.1073817			15	
tert-Butylbenzene	0.5090247	12.31931	8.7	0.0172147			15	
Tetrachloroethene	0.577353	2.356189	6.53	1.436055E-02			15	
Tetrahydrofuran	7.593045E-02	6.761421	4.298333	0.2723819			15	
Toluene	1.518976	2.242347	6.121667	6.733859E-02			CCC (30)	
Toluene-d8	2.142608	3.377481	6.07	3.845082E-03			15	
trans-1,2-Dichloroethene	0.2984919	3.547974	3.25	0			15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9G2906

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973S

Calibration Date: 07/29/09 23:29

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
trans-1,3-Dichloropropene	0.6937069	15.65869	6.32	9.234004E-03	0.99983		0.995	
trans-1,4-Dichloro-2-butene	0.1009307	5.622133	8.3	2.564839E-02			15	
Trichloroethene	0.3050358	3.590028	5.18	1.844393E-02			15	
Trichlorofluoromethane	0.3507804	7.651141	2.11	2.511571E-02			15	
Vinyl acetate	0.537467	9.030734	3.653333	0.1400247			15	
Vinyl chloride	0.3468344	7.339177	1.54	1.234848E-02	0.99962		CCC (30)	
Xylenes, total	1.073622	4.3613	7.69	4.746143E-03			15	

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : R9G2906-SIXPT.M
Title : 8260 5ML WATER
Last Update : Thu Jul 30 10:26:16 2009
Response Via : Initial Calibration

R9G2906
8260
S

Calibration Files
1 =S8069.D 2 =S8070.D 3 =S8071.D
4 =S8072.D 5 =S8073.D 6 =S8074.D

		Compound		1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------							
2)	T	C290	Dichlorodiflu	0.369	0.336	0.335	0.341	0.327	0.313	0.337	5.49
3)	T	C010	Chloromethane	0.414	0.383	0.374	0.374	0.347	0.336	0.371	7.34
4)	T	C020	Vinyl chlorid	0.394	0.344	0.344	0.349	0.332	0.318	-----	
									L	M= 0.318 R=0.999	
										B= 0.013	
5)	T	C015	Bromomethane	0.132	0.125	0.112	0.094	0.090	0.097	-----	
									L	M= 0.095 R=0.997	
										B= 0.003	
6)	T	C025	Chloroethane	0.079	0.073	0.078	0.075	0.071	0.068	0.074	5.42
7)	T	C275	Trichlorofluo	0.401	0.361	0.344	0.337	0.330	0.332	0.351	7.65
8)	T	C045	1,1-Dichloroe	0.284	0.278	0.264	0.268	0.265	0.250	0.268	4.41
9)	T	C030	Methylene chl	2.356	0.642	0.455	0.360	0.335	0.307	-----	
									L	M= 0.290 R=0.999	
										B= 0.074	
10)	T	C040	Carbon disulf	0.594	0.598	0.661	0.715	0.720	0.719	0.668	8.99
11)	T	C036	Acrolein	0.027	0.025	0.027	0.026	0.024	0.023	0.025	6.26
12)	T	C038	Acrylonitrile	0.110	0.103	0.108	0.107	0.100	0.098	0.104	4.78
13)	T	C035	Acetone	0.111	0.082	0.085	0.080	0.074	0.071	-----	
									L	M= 0.070 R=0.998	
										B= 0.031	
14)	T	C300	Acetonitrile	0.053	0.045	0.048	0.045	0.041	0.038	0.045	12.10
15)	T	C276	Iodomethane	0.121	0.183	0.254	0.352	0.388	0.385	-----	
									L	M= 0.397 R=0.995	
										B= -0.050	
16)	T	C291	1,1,2-Trichlo	0.271	0.272	0.272	0.272	0.258	0.244	0.265	4.47
17)	T	C962	T-butyl Methy	0.602	0.646	0.681	0.715	0.714	0.703	0.677	6.65
18)	T	C057	trans-1,2-Dic	0.313	0.302	0.296	0.302	0.297	0.280	0.298	3.55
19)	T	C255	Methyl Acetat	0.249	0.235	0.255	0.255	0.244	0.224	0.244	5.03
20)	T	C050	1,1-Dichloroe	0.597	0.548	0.544	0.542	0.530	0.508	0.545	5.39
21)	T	C125	Vinyl Acetate	0.454	0.508	0.547	0.584	0.576	0.556	0.537	9.03
22)	T	C051	2,2-Dichlorop	0.329	0.322	0.330	0.346	0.357	0.351	0.339	4.18
23)	T	C056	cis-1,2-Dichl	0.341	0.326	0.332	0.326	0.326	0.310	0.327	3.12
24)	T	C272	Tetrahydrofur	0.070	0.070	0.081	0.082	0.077	0.076	0.076	6.76
25)	T	C222	Bromochlorome	0.176	0.153	0.152	0.148	0.149	0.137	0.153	8.33
26)	S	CS87	Dibromofluoro	0.296	0.275	0.277	0.284	0.279	0.259	0.278	4.27
27)	T	C060	Chloroform	0.583	0.538	0.524	0.516	0.503	0.474	0.523	6.99
28)	T	C115	1,1,1-Trichlo	0.426	0.414	0.416	0.424	0.426	0.402	0.418	2.25
29)	T	C120	Carbon tetrac	0.319	0.341	0.332	0.351	0.357	0.345	0.341	3.96
30)	T	C116	1,1-Dichlorop	0.341	0.381	0.376	0.396	0.397	0.377	0.378	5.37
31)	S	CS15	1,2-Dichloroe	0.401	0.340	0.337	0.334	0.325	0.298	0.339	9.94
32)	T	C165	Benzene	1.357	1.293	1.297	1.274	1.257	1.178	1.276	4.60
33)	T	C065	1,2-Dichloroe	0.443	0.409	0.403	0.387	0.384	0.355	0.397	7.37
34)	T	C110	2-Butanone	0.119	0.111	0.123	0.123	0.115	0.113	0.117	4.35
35)	T	C256	Cyclohexane	0.469	0.514	0.539	0.551	0.534	0.504	0.519	5.70
36)	T	C150	Trichloroethe	0.323	0.307	0.302	0.304	0.304	0.289	0.305	3.59
37)	T	C140	1,2-Dichlorop	0.341	0.313	0.314	0.315	0.315	0.300	0.316	4.14
38)	T	C278	Dibromomethan	0.174	0.173	0.171	0.168	0.171	0.161	0.170	2.78
39)	T	C130	Bromodichloro	0.320	0.338	0.344	0.355	0.370	0.355	0.347	4.92
40)	T	C161	2-Chloroethyl	0.127	0.145	0.161	0.161	0.154	0.140	0.148	9.15
41)	T	C012	Methylcyclohe	0.451	0.509	0.547	0.586	0.583	0.562	0.540	9.61
42)	T	C145	cis-1,3-Dichl	0.358	0.392	0.409	0.442	0.466	0.452	0.420	9.76
43)	I	CI20	Chlorobenzene-D	----------ISTD----------							
44)	S	CS05	Toluene-D8	2.080	2.080	2.130	2.248	2.216	2.101	2.143	3.38
45)	T	C230	Toluene	1.512	1.497	1.533	1.563	1.541	1.468	1.519	2.24

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : R9G2906-SIXPT.M
Title : 8260 5ML WATER
Last Update : Thu Jul 30 10:26:16 2009
Response Via : Initial Calibration

Calibration Files
1 =S8069.D 2 =S8070.D 3 =S8071.D
4 =S8072.D 5 =S8073.D 6 =S8074.D

46)	T	C170	trans-1,3-Dic	0.526	0.616	0.679	0.748	0.803	0.791	-----	
									L	M= 0.802 R=1.000	
										B= -0.032	
47)	T	C284	Ethyl Methacr	0.437	0.525	0.617	0.678	0.684	0.687	-----	
									L	M= 0.693 R=1.000	
										B= -0.018	
48)	T	C160	1,1,2-Trichlo	0.395	0.395	0.408	0.411	0.415	0.395	0.403	2.28
49)	T	C210	4-Methyl-2-pe	0.346	0.391	0.435	0.457	0.443	0.434	0.417	9.93
50)	T	C220	Tetrachloroet	0.597	0.565	0.567	0.587	0.583	0.564	0.577	2.36
51)	T	C221	1,3-Dichlorop	0.874	0.868	0.892	0.898	0.916	0.874	0.887	2.09
52)	T	C155	Dibromochloro	0.368	0.414	0.449	0.488	0.519	0.513	0.458	13.01
53)	T	C163	1,2-Dibromoet	0.449	0.461	0.496	0.503	0.508	0.495	0.485	4.98
54)	T	C215	2-Hexanone	0.227	0.260	0.299	0.315	0.302	0.297	0.283	11.74
55)	T	C235	Chlorobenzene	1.804	1.664	1.655	1.671	1.675	1.593	1.677	4.11
56)	T	C281	1,1,1,2-Tetra	0.471	0.474	0.486	0.523	0.543	0.512	0.501	5.78
57)	T	C240	Ethylbenzene	2.750	2.775	2.864	2.934	2.916	2.750	2.832	2.96
58)	T	C246	m,p-Xylene	1.044	1.107	1.118	1.149	1.121	1.042	1.097	4.02
59)	T	C247	o-Xylene	0.924	0.992	1.031	1.091	1.093	1.032	1.027	6.20
60)	T	C245	Styrene	1.358	1.570	1.652	1.699	1.708	1.635	1.604	8.13
61)	T	C180	Bromoform	0.196	0.211	0.241	0.276	0.297	0.308	-----	
									L	M= 0.311 R=0.999	
										B= -0.023	
62)	S	CS10	p-Bromofluoro	0.551	0.557	0.581	0.653	0.634	0.596	0.595	6.92
63)	I	CI30	1,4-Dichloroben	----------	----------	----------	ISTD	----------	----------	----------	
64)	T	C966	Isopropylbenz	2.416	2.687	2.862	3.062	3.090	2.998	2.852	9.13
65)	T	C301	Bromobenzene	0.641	0.667	0.678	0.693	0.700	0.676	0.676	3.07
66)	T	C225	1,1,2,2-Tetra	0.630	0.618	0.668	0.654	0.652	0.643	0.644	2.77
67)	T	C282	1,2,3-Trichlo	0.172	0.204	0.223	0.206	0.197	0.186	0.198	8.78
68)	T	C283	t-1,4-Dichlor	0.095	0.099	0.107	0.108	0.102	0.095	0.101	5.62
69)	T	C302	n-Propylbenze	3.235	3.699	3.836	3.942	3.831	3.556	3.683	6.98
70)	T	C303	2-Chlorotolue	0.613	0.664	0.690	0.715	0.715	0.690	0.681	5.62
71)	T	C289	4-Chlorotolue	0.666	0.721	0.732	0.739	0.741	0.710	0.718	3.90
72)	T	C304	1,3,5-Trimeth	2.038	2.437	2.537	2.570	2.574	2.476	2.439	8.35
73)	T	C306	tert-Butylben	0.393	0.489	0.518	0.554	0.560	0.541	0.509	12.32
74)	T	C307	1,2,4-Trimeth	1.991	2.395	2.497	2.550	2.562	2.409	2.401	8.85
75)	T	C308	sec-Butylbenz	2.480	2.730	2.954	3.074	3.096	3.003	2.889	8.29
76)	T	C260	1,3-Dichlorob	1.361	1.386	1.353	1.331	1.325	1.217	1.329	4.43
77)	T	C309	4-Isopropylto	2.039	2.455	2.603	2.719	2.709	2.578	2.517	10.07
78)	T	C267	1,4-Dichlorob	1.527	1.418	1.389	1.353	1.364	1.286	1.389	5.79
79)	T	C249	1,2-Dichlorob	1.293	1.276	1.319	1.281	1.283	1.202	1.276	3.06
80)	T	C310	n-Butylbenzen	1.878	2.048	2.248	2.364	2.376	2.281	2.199	8.95
81)	T	C286	1,2-Dibromo-3	0.089	0.096	0.106	0.114	0.116	0.119	0.107	11.18
82)	T	C313	1,2,4-Trichlo	0.568	0.596	0.664	0.704	0.721	0.711	0.661	9.78
83)	T	C316	Hexachlorobut	0.245	0.269	0.267	0.267	0.271	0.264	0.264	3.60
84)	T	C314	Naphthalene	1.252	1.401	1.844	2.040	2.063	2.083	-----	
									L	M= 2.104 R=1.000	
										B= -0.075	
85)	T	C934	1,2,3-Trichlo	0.519	0.574	0.636	0.662	0.661	0.654	0.618	9.46

Total Average %RSD 6.27

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R9G2906-SIXPT.M Thu Jul 30 11:26:18 2009 HP5973S

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8069.D Vial: 2
Acq On : 29 Jul 2009 23:29 Operator: NMD
Sample : RG92921-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 09:00:19 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	351354	25.00	ug/L		0.00 87.78%
43) CI20	Chlorobenzene-D5	7.19	82	188348	25.00	ug/L		0.00 91.98%
63) CI30	1,4-Dichlorobenzene-	9.06	152	177547	25.00	ug/L		0.00 91.80%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.44	111	4155	1.06	ug/L		0.00
Spiked Amount	25.000 Range	70 - 130		Recovery =	4.24%#			
31) CS15	1,2-Dichloroethane-D	4.69	65	5630	1.18	ug/L		0.00
Spiked Amount	25.000 Range	66 - 137		Recovery =	4.72%#			
44) CS05	Toluene-D8	6.07	98	15667	0.97	ug/L		0.00
Spiked Amount	25.000 Range	71 - 126		Recovery =	3.88%#			
62) CS10	p-Bromofluorobenzene	8.12	174	4153	0.93	ug/L		0.00
Spiked Amount	25.000 Range	73 - 120		Recovery =	3.72%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.30	85	5181	1.10	ug/L	#	100
3) C010	Chloromethane	1.49	50	5812	1.11	ug/L		90
4) C020	Vinyl chloride	1.54	62	5532	1.13	ug/L		96
5) C015	Bromomethane	1.82	94	1853	1.22	ug/L		72
6) C025	Chloroethane	1.90	64	1112	1.07	ug/L		93
7) C275	Trichlorofluorometha	2.11	101	5631	1.14	ug/L		94
8) C045	1,1-Dichloroethene	2.59	96	3995	1.06	ug/L		85
9) C030	Methylene chloride	3.06	84	33106	3.17	ug/L		85
10) C040	Carbon disulfide	2.77	76	8349	0.89	ug/L		93
11) C036	Acrolein	2.57	56	7698	21.59	ug/L		90
12) C038	Acrylonitrile	3.31	53	7741	5.27	ug/L		98
13) C035	Acetone	2.73	43	7772	6.60	ug/L		97
14) C300	Acetonitrile	2.99	41	29928	47.37	ug/L		95
15) C276	Iodomethane	2.73	142	1699m	0.43	ug/L		79
16) C291	1,1,2-Trichloro-1,2,	2.58	101	3815	1.02	ug/L		87
17) C962	T-butyl Methyl Ether	3.26	73	8460	0.89	ug/L		96
18) C057	trans-1,2-Dichloroet	3.25	96	4392	1.05	ug/L		95
19) C255	Methyl Acetate	2.99	43	3504	1.02	ug/L	#	89
20) C050	1,1-Dichloroethane	3.61	63	8386	1.10	ug/L		95
21) C125	Vinyl Acetate	3.66	43	31937	4.23	ug/L		99
22) C051	2,2-Dichloropropane	4.04	77	4620	0.97	ug/L		99
23) C056	cis-1,2-Dichloroethe	4.07	96	4789	1.04	ug/L		96
24) C272	Tetrahydrofuran	4.32	42	4910	4.60	ug/L		88
25) C222	Bromochloromethane	4.26	128	2472	1.15	ug/L		81
27) C060	Chloroform	4.32	83	8194	1.11	ug/L		93
28) C115	1,1,1-Trichloroethan	4.42	97	5988	1.02	ug/L		95
29) C120	Carbon tetrachloride	4.53	117	4487	0.94	ug/L		96
30) C116	1,1-Dichloropropene	4.54	75	4794	0.90	ug/L		86
32) C165	Benzene	4.70	78	19065	1.06	ug/L		93
33) C065	1,2-Dichloroethane	4.75	62	6219	1.12	ug/L		92
34) C110	2-Butanone	4.13	43	8352	5.06	ug/L		88
35) C256	Cyclohexane	4.43	56	6597	0.91	ug/L		95
36) C150	Trichloroethene	5.18	95	4545	1.06	ug/L		94
37) C140	1,2-Dichloropropane	5.36	63	4786	1.08	ug/L		86
38) C278	Dibromomethane	5.47	93	2448	1.03	ug/L		85

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8069.D Vial: 2
Acq On : 29 Jul 2009 23:29 Operator: NMD
Sample : RG92921-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 09:00:19 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

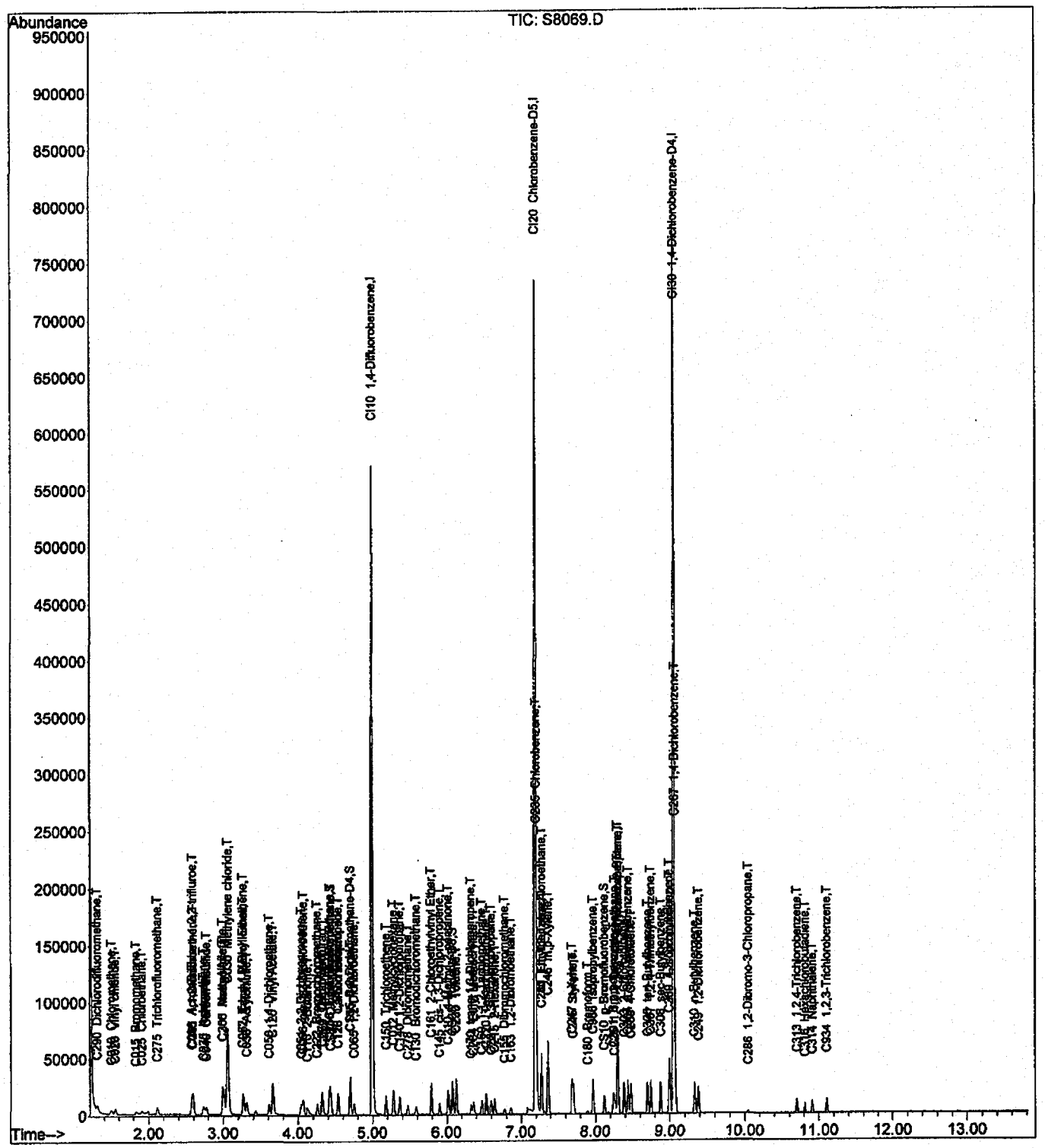
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	4498	0.92	ug/L		92
40) C161	2-Chloroethylvinyl E	5.79	63	8907	4.28	ug/L		94
41) C012	Methylcyclohexane	5.28	83	6334	0.84	ug/L		95
42) C145	cis-1,3-Dichloroprop	5.90	75	5030	0.85	ug/L		99
45) C230	Toluene	6.12	92	11392	1.00	ug/L		83
46) C170	trans-1,3-Dichloropr	6.32	75	3960	0.76	ug/L		98
47) C284	Ethyl Methacrylate	6.36	69	3292	0.72	ug/L	#	83
48) C160	1,1,2-Trichloroethan	6.47	83	2979	0.98	ug/L		92
49) C210	4-Methyl-2-pentanone	6.01	43	13026	4.14	ug/L		99
50) C220	Tetrachloroethene	6.53	166	4496	1.03	ug/L		99
51) C221	1,3-Dichloropropane	6.60	76	6581	0.98	ug/L		96
52) C155	Dibromochloromethane	6.77	129	2771m	0.80	ug/L		98
53) C163	1,2-Dibromoethane	6.86	107	3384	0.93	ug/L		98
54) C215	2-Hexanone	6.65	43	8537	4.00	ug/L		94
55) C235	Chlorobenzene	7.21	112	13588	1.08	ug/L		97
56) C281	1,1,1,2-Tetrachloroe	7.29	131	3547	0.94	ug/L		95
57) C240	Ethylbenzene	7.28	91	20717	0.97	ug/L		98
58) C246	m,p-Xylene	7.36	106	15728	1.90	ug/L		99
59) C247	o-Xylene	7.69	106	6965	0.90	ug/L		92
60) C245	Styrene	7.70	104	10230	0.85	ug/L		98
61) C180	Bromoform	7.90	173	1475	0.77	ug/L		98
64) C966	Isopropylbenzene	7.97	105	17160	0.85	ug/L		93
65) C301	Bromobenzene	8.25	156	4552	0.95	ug/L		87
66) C225	1,1,2,2-Tetrachloroe	8.26	83	4472	0.98	ug/L		90
67) C282	1,2,3-Trichloropropa	8.30	110	1224	0.87	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	3381	4.72	ug/L	#	46
69) C302	n-Propylbenzene	8.30	91	22973	0.88	ug/L		94
70) C303	2-Chlorotoluene	8.39	126	4355	0.90	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	4730	0.93	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.43	105	14473	0.84	ug/L		96
73) C306	tert-Butylbenzene	8.70	134	2788	0.77	ug/L	#	64
74) C307	1,2,4-Trimethylbenze	8.75	105	14140	0.83	ug/L		98
75) C308	sec-Butylbenzene	8.87	105	17611	0.86	ug/L		92
76) C260	1,3-Dichlorobenzene	9.00	146	9664	1.02	ug/L		98
77) C309	4-Isopropyltoluene	8.99	119	14482	0.81	ug/L		99
78) C267	1,4-Dichlorobenzene	9.07	146	10843	1.10	ug/L		95
79) C249	1,2-Dichlorobenzene	9.38	146	9186	1.01	ug/L		96
80) C310	n-Butylbenzene	9.33	91	13334	0.85	ug/L		91
81) C286	1,2-Dibromo-3-Chloro	10.05	75	631	0.83	ug/L	#	69
82) C313	1,2,4-Trichlorobenze	10.70	180	4033	0.86	ug/L		97
83) C316	Hexachlorobutadiene	10.81	225	1741	0.93	ug/L		92
84) C314	Naphthalene	10.91	128	8892	0.70	ug/L		95
85) C934	1,2,3-Trichlorobenze	11.11	180	3689	0.84	ug/L		92

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8069.D Vial: 2
Acq On : 29 Jul 2009 23:29 Operator: NMD
Sample : RG92921-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 30 09:00:19 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA

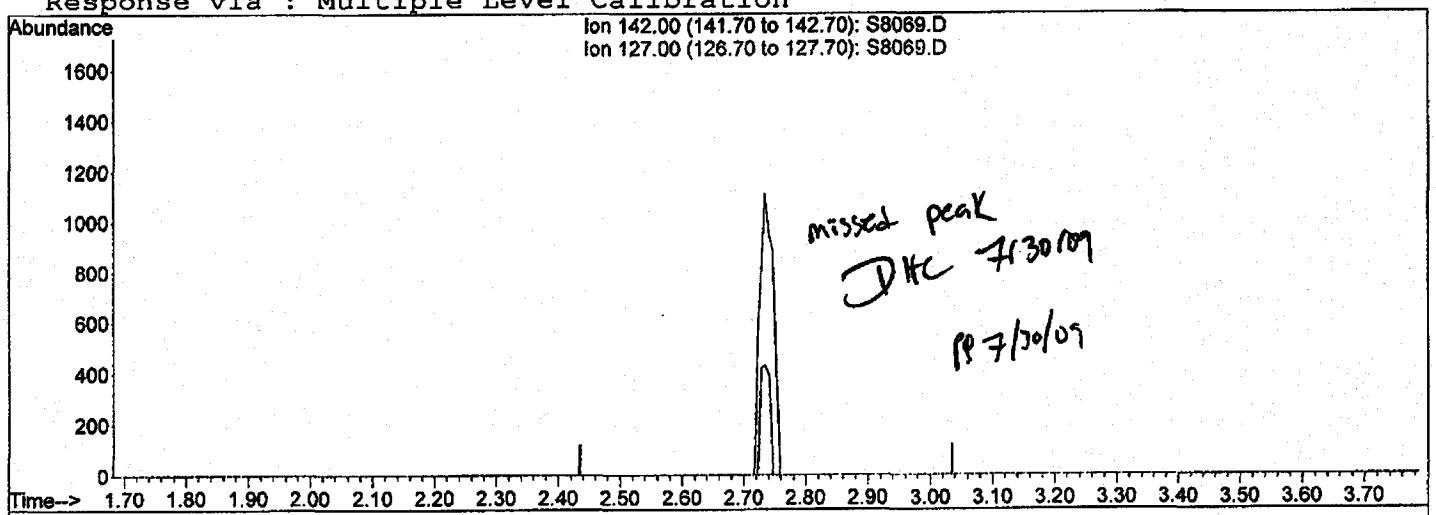


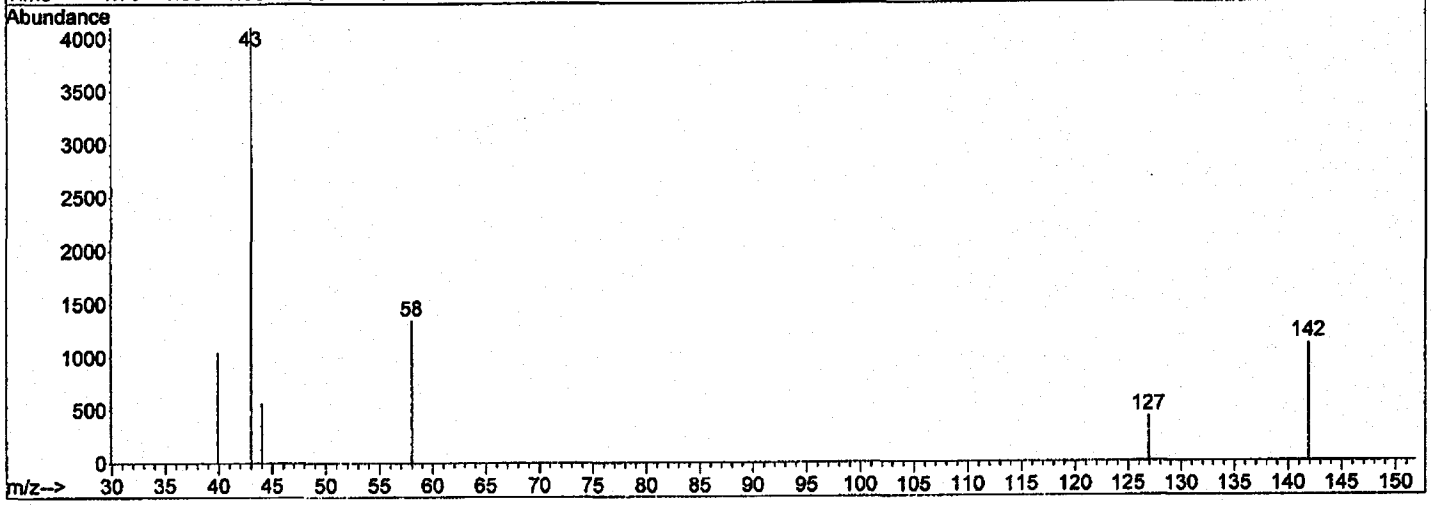
Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\072909\S8069.D
Acq On : 29 Jul 2009 23:29
Sample : RG92921-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:13 2009

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Multiple Level Calibration





TIC: S8069.D

(15) C276 Iodomethane (T)

2.73min (+0.000) 0.00ug/L d

response 0

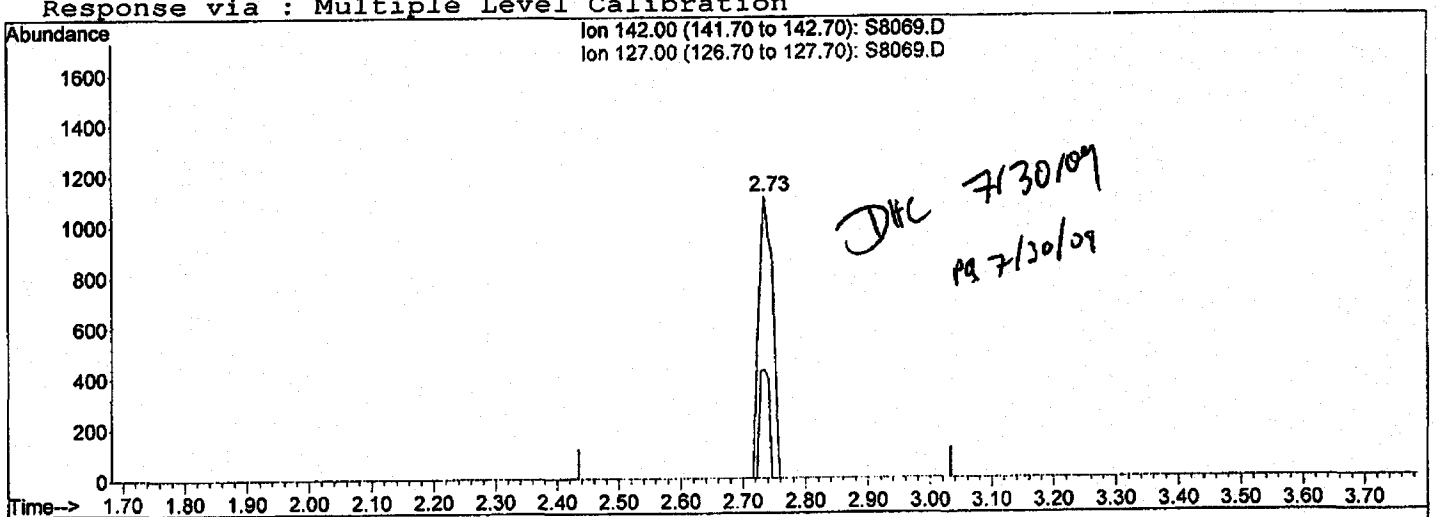
Ion	Exp%	Act%
142.00	100	100
127.00	39.50	26.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

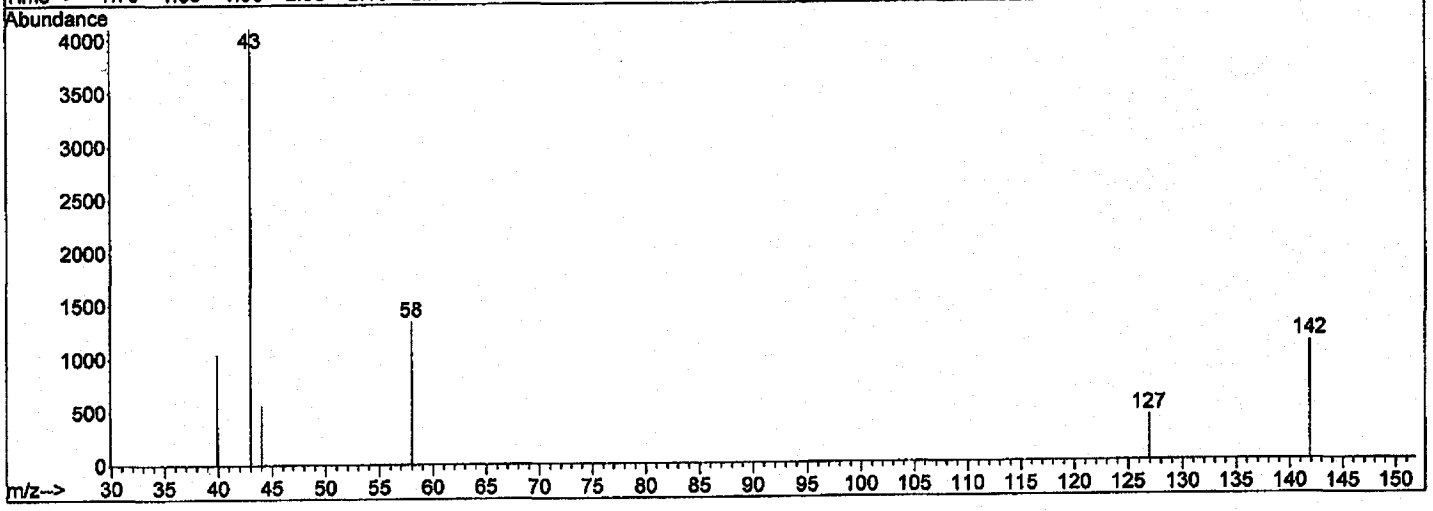
Data File : D:\MSDChem\S\Data\072909\S8069.D
Acq On : 29 Jul 2009 23:29
Sample : RG92921-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:13 2009

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Multiple Level Calibration



DKC 7/30/09
PG 7/30/09



TIC: S8069.D

(15) C276 Iodomethane (T)

2.73min (+0.000) 0.43ug/L m

response 1699

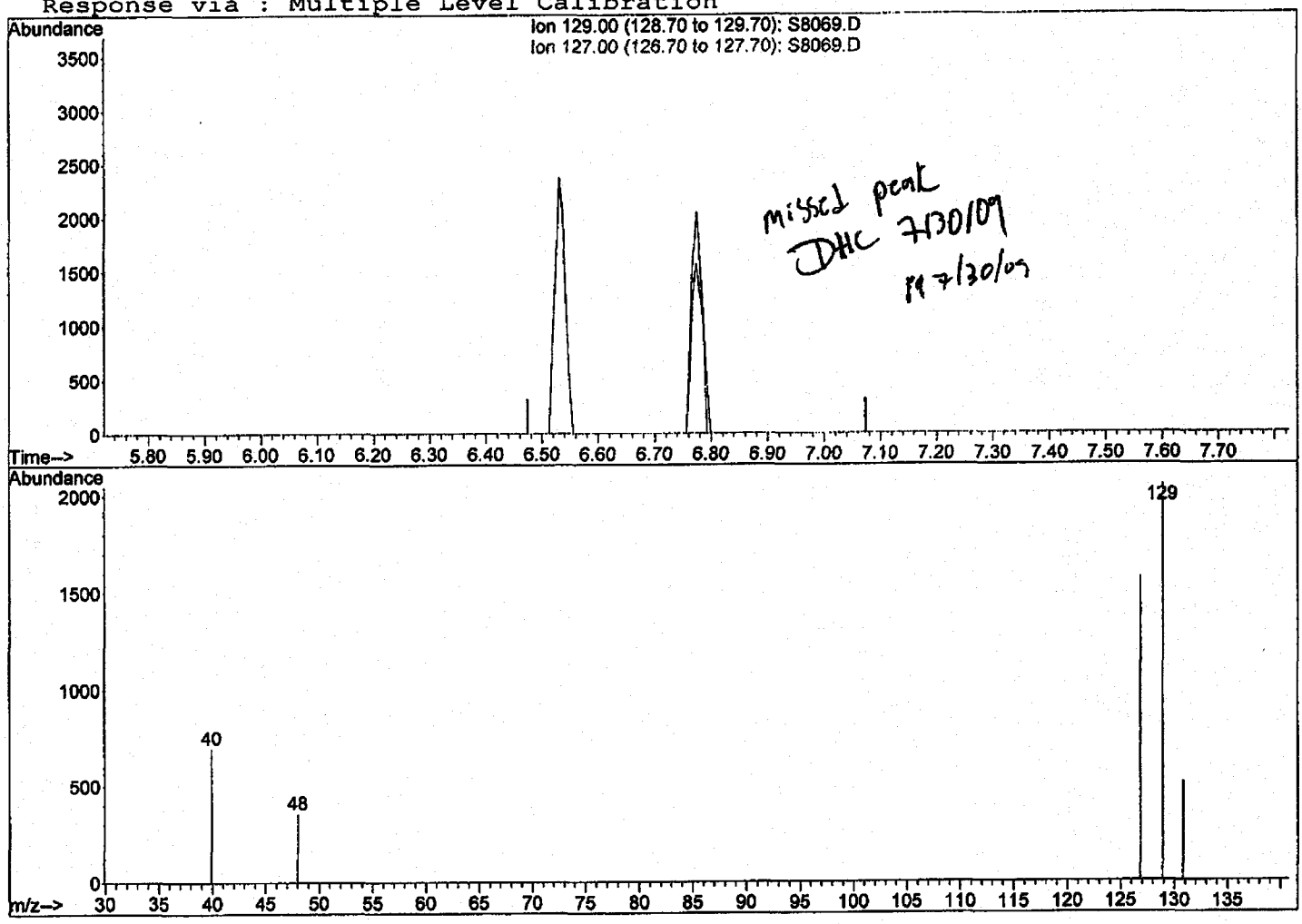
Ion	Exp%	Act%
142.00	100	100
127.00	39.50	26.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\072909\S8069.D
Acq On : 29 Jul 2009 23:29
Sample : RG92921-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:13 2009

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Multiple Level Calibration



TIC: S8069.D

(52) C155 Dibromochloromethane (T)

6.77min (+0.000) 0.00ug/L d

response 0

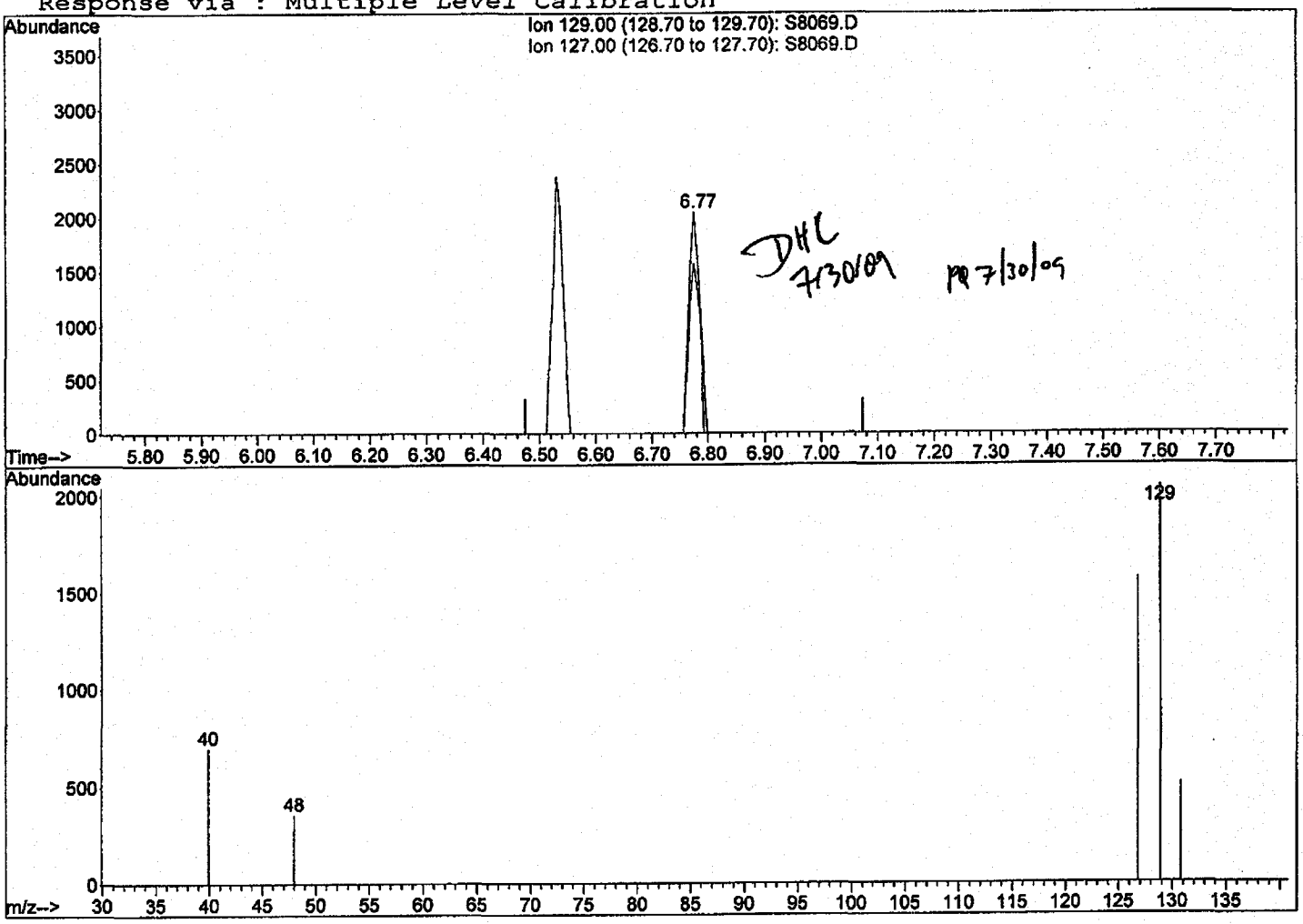
Ion	Exp%	Act%
129.00	100	100
127.00	78.30	76.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\072909\S8069.D
Acq On : 29 Jul 2009 23:29
Sample : RG92921-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:13 2009

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Multiple Level Calibration



TIC: S8069.D

(52) C155 Dibromochloromethane (T)

6.77min (+0.000) 0.80ug/L m

response 2771

Ion	Exp%	Act%
129.00	100	100
127.00	78.30	76.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8070.D Vial: 3
Acq On : 29 Jul 2009 23:54 Operator: NMD
Sample : RG92921-CAL2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:18 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	377644	25.00	ug/L	0.00 94.35%
43) CI20	Chlorobenzene-D5	7.19	82	198131	25.00	ug/L	0.00 96.76%
63) CI30	1,4-Dichlorobenzene-	9.06	152	188382	25.00	ug/L	0.00 97.40%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	20800	4.95	ug/L	0.00
Spiked Amount	25.000 Range 70 - 130			Recovery =	19.80%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	25682	5.01	ug/L	0.00
Spiked Amount	25.000 Range 66 - 137			Recovery =	20.04%#		
44) CS05	Toluene-D8	6.07	98	82437	4.85	ug/L	0.00
Spiked Amount	25.000 Range 71 - 126			Recovery =	19.40%#		
62) CS10	p-Bromofluorobenzene	8.12	174	22054	4.68	ug/L	0.00
Spiked Amount	25.000 Range 73 - 120			Recovery =	18.72%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	25407	5.00	ug/L #	100
3) C010	Chloromethane	1.49	50	28896	5.15	ug/L	99
4) C020	Vinyl chloride	1.54	62	26016	4.97	ug/L	86
5) C015	Bromomethane	1.82	94	9447	5.78	ug/L	82
6) C025	Chloroethane	1.90	64	5521	4.93	ug/L	100
7) C275	Trichlorofluorometha	2.11	101	27245	5.14	ug/L	100
8) C045	1,1-Dichloroethene	2.59	96	20972	5.17	ug/L	90
9) C030	Methylene chloride	3.06	84	48507	4.33	ug/L	83
10) C040	Carbon disulfide	2.77	76	45142	4.48	ug/L	99
11) C036	Acrolein	2.57	56	37401	97.61	ug/L	94
12) C038	Acrylonitrile	3.31	53	38955	24.68	ug/L	96
13) C035	Acetone	2.73	43	31099	24.59	ug/L	98
14) C300	Acetonitrile	2.99	41	135404	199.40	ug/L	95
15) C276	Iodomethane	2.74	142	13845	3.27	ug/L	95
16) C291	1,1,2-Trichloro-1,2,	2.58	101	20549	5.14	ug/L	93
17) C962	T-butyl Methyl Ether	3.26	73	48811	4.77	ug/L	97
18) C057	trans-1,2-Dichloroet	3.25	96	22838	5.07	ug/L	96
19) C255	Methyl Acetate	2.98	43	17725	4.82	ug/L	100
20) C050	1,1-Dichloroethane	3.61	63	41354	5.03	ug/L	99
21) C125	Vinyl Acetate	3.66	43	191874	23.63	ug/L	97
22) C051	2,2-Dichloropropane	4.04	77	24335	4.75	ug/L	99
23) C056	cis-1,2-Dichloroethe	4.07	96	24602	4.99	ug/L	95
24) C272	Tetrahydrofuran	4.30	42	26449	23.06	ug/L	92
25) C222	Bromochloromethane	4.26	128	11534	5.01	ug/L	97
27) C060	Chloroform	4.32	83	40643	5.15	ug/L	99
28) C115	1,1,1-Trichloroethan	4.42	97	31251	4.95	ug/L	100
29) C120	Carbon tetrachloride	4.53	117	25768	5.01	ug/L	96
30) C116	1,1-Dichloropropene	4.54	75	28804	5.04	ug/L	94
32) C165	Benzene	4.70	78	97628	5.07	ug/L	97
33) C065	1,2-Dichloroethane	4.75	62	30857	5.15	ug/L	98
34) C110	2-Butanone	4.12	43	41891	23.63	ug/L	96
35) C256	Cyclohexane	4.43	56	38801	4.95	ug/L	96
36) C150	Trichloroethene	5.18	95	23222	5.04	ug/L	98
37) C140	1,2-Dichloropropane	5.36	63	23664	4.95	ug/L	97
38) C278	Dibromomethane	5.47	93	13085	5.10	ug/L	83

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8070.D Vial: 3
Acq On : 29 Jul 2009 23:54 Operator: NMD
Sample : RG92921-CAL2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:18 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

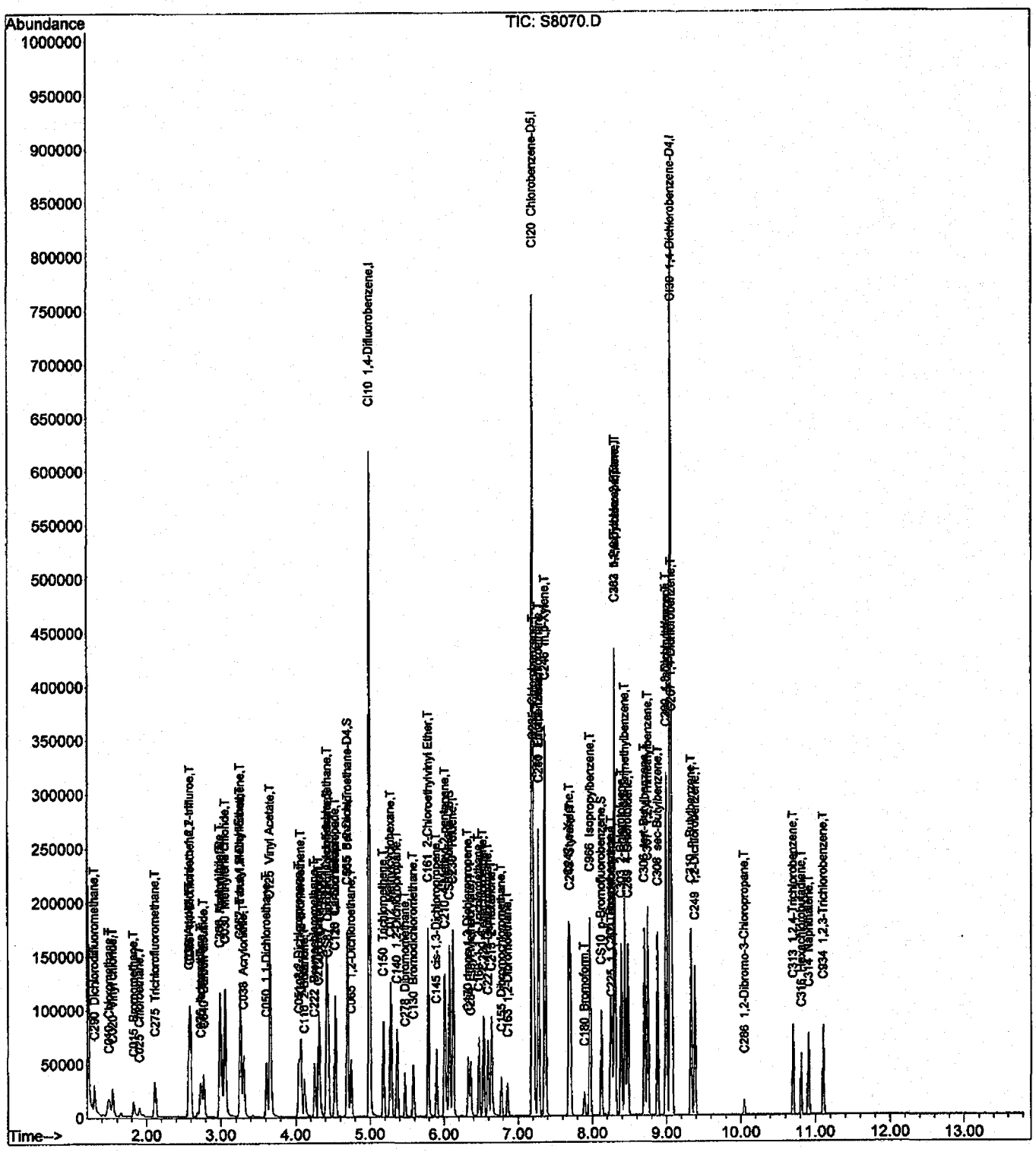
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	25539	4.87	ug/L		96
40) C161	2-Chloroethylvinyl E	5.79	63	54872	24.53	ug/L		94
41) C012	Methylcyclohexane	5.28	83	38456	4.72	ug/L		98
42) C145	cis-1,3-Dichloroprop	5.90	75	29642	4.67	ug/L		99
45) C230	Toluene	6.12	92	59313	4.93	ug/L		95
46) C170	trans-1,3-Dichloropr	6.32	75	24392	4.44	ug/L		96
47) C284	Ethyl Methacrylate	6.36	69	20786	4.34	ug/L	#	92
48) C160	1,1,2-Trichloroethan	6.47	83	15651	4.90	ug/L		96
49) C210	4-Methyl-2-pentanone	6.01	43	77481	23.42	ug/L		95
50) C220	Tetrachloroethene	6.53	166	22395	4.89	ug/L		94
51) C221	1,3-Dichloropropane	6.59	76	34405	4.89	ug/L		98
52) C155	Dibromochloromethane	6.77	129	16407	4.52	ug/L		99
53) C163	1,2-Dibromoethane	6.86	107	18273	4.75	ug/L		97
54) C215	2-Hexanone	6.64	43	51612	22.98	ug/L		94
55) C235	Chlorobenzene	7.21	112	65943	4.96	ug/L		95
56) C281	1,1,1,2-Tetrachloroe	7.28	131	18798	4.73	ug/L		90
57) C240	Ethylbenzene	7.28	91	109944	4.90	ug/L		100
58) C246	m,p-Xylene	7.36	106	87747	10.09	ug/L		98
59) C247	o-Xylene	7.69	106	39292	4.83	ug/L		98
60) C245	Styrene	7.70	104	62198	4.89	ug/L		98
61) C180	Bromoform	7.89	173	8373	4.15	ug/L		97
64) C966	Isopropylbenzene	7.97	105	101234	4.71	ug/L		97
65) C301	Bromobenzene	8.25	156	25138	4.94	ug/L		95
66) C225	1,1,2,2-Tetrachloroe	8.26	83	23297	4.80	ug/L		95
67) C282	1,2,3-Trichloropropa	8.30	110	7677	5.15	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	18666	24.54	ug/L	#	55
69) C302	n-Propylbenzene	8.30	91	139363	5.02	ug/L		92
70) C303	2-Chlorotoluene	8.39	126	25024	4.88	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	27163	5.02	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.44	105	91824	5.00	ug/L		95
73) C306	tert-Butylbenzene	8.70	134	18411	4.80	ug/L		93
74) C307	1,2,4-Trimethylbenze	8.75	105	90250	4.99	ug/L		100
75) C308	sec-Butylbenzene	8.88	105	102851	4.72	ug/L		97
76) C260	1,3-Dichlorobenzene	9.00	146	52201	5.21	ug/L		99
77) C309	4-Isopropyltoluene	8.99	119	92486	4.88	ug/L		97
78) C267	1,4-Dichlorobenzene	9.07	146	53412	5.10	ug/L		96
79) C249	1,2-Dichlorobenzene	9.38	146	48086	5.00	ug/L		96
80) C310	n-Butylbenzene	9.33	91	77165	4.66	ug/L		95
81) C286	1,2-Dibromo-3-Chloro	10.05	75	3632	4.52	ug/L		82
82) C313	1,2,4-Trichlorobenze	10.70	180	22447	4.51	ug/L		96
83) C316	Hexachlorobutadiene	10.81	225	10136	5.10	ug/L		99
84) C314	Naphthalene	10.91	128	52792	3.93	ug/L		100
85) C934	1,2,3-Trichlorobenze	11.11	180	21626	4.65	ug/L		97

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8070.D Vial: 3
Acq On : 29 Jul 2009 23:54 Operator: NMD
Sample : RG92921-CAL2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 30 08:59:18 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8071.D Vial: 4
Acq On : 30 Jul 2009 00:19 Operator: NMD
Sample : RG92921-CAL3 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:23 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	379645	25.00	ug/L	0.00 94.85%
43) CI20	Chlorobenzene-D5	7.19	82	197717	25.00	ug/L	0.00 96.56%
63) CI30	1,4-Dichlorobenzene-	9.06	152	185504	25.00	ug/L	0.00 95.92%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	41997	9.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	39.72%#	
31) CS15	1,2-Dichloroethane-D	4.69	65	51102	9.92	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	39.68%#	
44) CS05	Toluene-D8	6.07	98	168491	9.94	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	39.76%#	
62) CS10	p-Bromofluorobenzene	8.12	174	45916	9.75	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	39.00%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	50814	9.94	ug/L #	100
3) C010	Chloromethane	1.49	50	56739	10.07	ug/L	96
4) C020	Vinyl chloride	1.54	62	52223	9.92	ug/L	91
5) C015	Bromomethane	1.82	94	17050	10.37	ug/L	88
6) C025	Chloroethane	1.90	64	11804	10.49	ug/L	86
7) C275	Trichlorofluorometha	2.11	101	52292	9.82	ug/L	98
8) C045	1,1-Dichloroethene	2.59	96	40110	9.84	ug/L	91
9) C030	Methylene chloride	3.06	84	69046	6.12	ug/L	87
10) C040	Carbon disulfide	2.77	76	100341	9.89	ug/L	100
11) C036	Acrolein	2.57	56	81382	211.28	ug/L	94
12) C038	Acrylonitrile	3.30	53	82374	51.91	ug/L	94
13) C035	Acetone	2.73	43	64304	50.57	ug/L	95
14) C300	Acetonitrile	2.98	41	291198	426.57	ug/L	99
15) C276	Iodomethane	2.74	142	38633	9.07	ug/L	96
16) C291	1,1,2-Trichloro-1,2,	2.58	101	41348	10.28	ug/L	92
17) C962	T-butyl Methyl Ether	3.26	73	103352	10.05	ug/L	95
18) C057	trans-1,2-Dichloroet	3.25	96	44972	9.92	ug/L	97
19) C255	Methyl Acetate	2.98	43	38766	10.48	ug/L	96
20) C050	1,1-Dichloroethane	3.61	63	82671	9.99	ug/L	98
21) C125	Vinyl Acetate	3.65	43	415520	50.91	ug/L	97
22) C051	2,2-Dichloropropane	4.04	77	50133	9.73	ug/L	97
23) C056	cis-1,2-Dichloroethe	4.07	96	50390	10.16	ug/L	98
24) C272	Tetrahydrofuran	4.30	42	61353	53.21	ug/L	96
25) C222	Bromochloromethane	4.26	128	23094	9.97	ug/L	97
27) C060	Chloroform	4.32	83	79558	10.02	ug/L	98
28) C115	1,1,1-Trichloroethan	4.41	97	63226	9.96	ug/L	98
29) C120	Carbon tetrachloride	4.53	117	50388	9.74	ug/L	98
30) C116	1,1-Dichloropropene	4.54	75	57166	9.95	ug/L	97
32) C165	Benzene	4.70	78	196926	10.16	ug/L	99
33) C065	1,2-Dichloroethane	4.75	62	61223	10.16	ug/L	97
34) C110	2-Butanone	4.11	43	93099	52.25	ug/L	93
35) C256	Cyclohexane	4.43	56	81872	10.39	ug/L	97
36) C150	Trichloroethene	5.18	95	45850	9.90	ug/L	93
37) C140	1,2-Dichloropropane	5.36	63	47627	9.91	ug/L	100
38) C278	Dibromomethane	5.47	93	25960	10.07	ug/L	84

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8071.D Vial: 4
Acq On : 30 Jul 2009 00:19 Operator: NMD
Sample : RG92921-CAL3 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:23 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

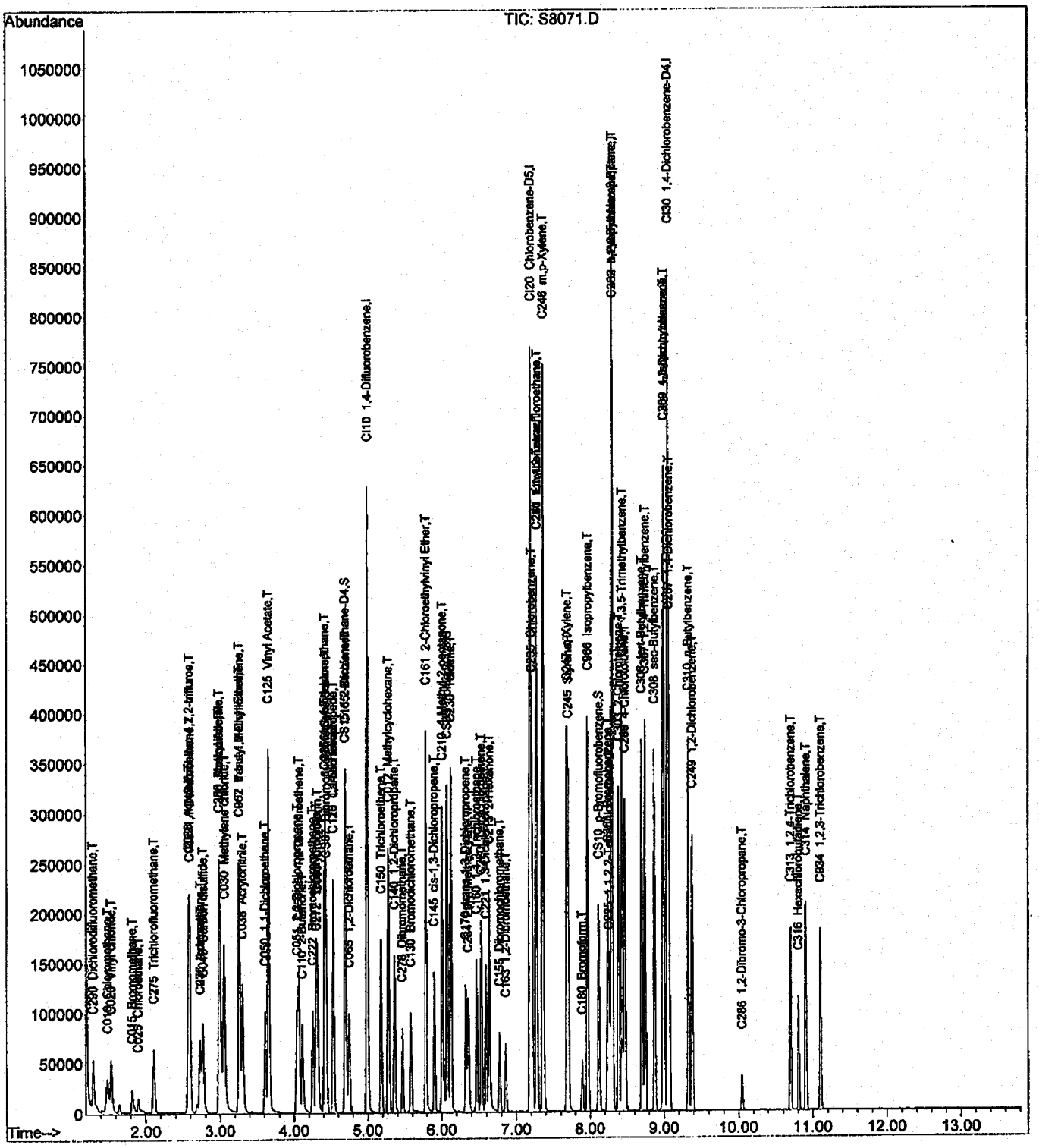
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	52241	9.91	ug/L		99
40) C161	2-Chloroethylvinyl E	5.79	63	122415	54.44	ug/L		94
41) C012	Methylcyclohexane	5.28	83	83105	10.14	ug/L		96
42) C145	cis-1,3-Dichloroprop	5.90	75	62091	9.74	ug/L		99
45) C230	Toluene	6.12	92	121258	10.09	ug/L		96
46) C170	trans-1,3-Dichloropr	6.32	75	53667	9.78	ug/L		97
47) C284	Ethyl Methacrylate	6.36	69	48826	10.21	ug/L	#	90
48) C160	1,1,2-Trichloroethan	6.47	83	32256	10.11	ug/L		98
49) C210	4-Methyl-2-pentanone	6.01	43	171826	52.04	ug/L		94
50) C220	Tetrachloroethene	6.53	166	44861	9.82	ug/L		93
51) C221	1,3-Dichloropropane	6.59	76	70584	10.06	ug/L		99
52) C155	Dibromochloromethane	6.77	129	35507	9.79	ug/L		99
53) C163	1,2-Dibromoethane	6.86	107	39219	10.22	ug/L		100
54) C215	2-Hexanone	6.64	43	118380	52.81	ug/L		92
55) C235	Chlorobenzene	7.21	112	130854	9.87	ug/L		98
56) C281	1,1,1,2-Tetrachloroe	7.28	131	38403	9.68	ug/L		97
57) C240	Ethylbenzene	7.28	91	226533	10.12	ug/L		99
58) C246	m,p-Xylene	7.36	106	176844	20.39	ug/L		95
59) C247	o-Xylene	7.69	106	81572	10.04	ug/L		98
60) C245	Styrene	7.70	104	130688	10.30	ug/L		94
61) C180	Bromoform	7.89	173	19025	9.44	ug/L		100
64) C966	Isopropylbenzene	7.97	105	212343	10.03	ug/L		97
65) C301	Bromobenzene	8.25	156	50320	10.04	ug/L		97
66) C225	1,1,2,2-Tetrachloroe	8.26	83	49553	10.37	ug/L		97
67) C282	1,2,3-Trichloropropa	8.30	110	16529	11.26	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	39680	52.98	ug/L	#	64
69) C302	n-Propylbenzene	8.30	91	284666	10.42	ug/L		94
70) C303	2-Chlorotoluene	8.39	126	51182	10.13	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	54304	10.19	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.43	105	188252	10.40	ug/L		95
73) C306	tert-Butylbenzene	8.70	134	38465	10.18	ug/L	#	84
74) C307	1,2,4-Trimethylbenze	8.75	105	185247	10.40	ug/L		98
75) C308	sec-Butylbenzene	8.87	105	219199	10.22	ug/L		92
76) C260	1,3-Dichlorobenzene	9.00	146	100417	10.18	ug/L		99
77) C309	4-Isopropyltoluene	8.99	119	193156	10.34	ug/L		97
78) C267	1,4-Dichlorobenzene	9.07	146	103094	10.00	ug/L		97
79) C249	1,2-Dichlorobenzene	9.38	146	97864	10.34	ug/L		96
80) C310	n-Butylbenzene	9.33	91	166791	10.22	ug/L		93
81) C286	1,2-Dibromo-3-Chloro	10.05	75	7877	9.95	ug/L		81
82) C313	1,2,4-Trichlorobenze	10.70	180	49250	10.05	ug/L		100
83) C316	Hexachlorobutadiene	10.81	225	19801	10.11	ug/L		97
84) C314	Naphthalene	10.91	128	136853	10.36	ug/L		99
85) C934	1,2,3-Trichlorobenze	11.11	180	47171	10.29	ug/L		96

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8071.D Vial: 4
Acq On : 30 Jul 2009 00:19 Operator: NMD
Sample : RG92921-CAL3 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 30 08:59:23 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8072.D Vial: 5
Acq On : 30 Jul 2009 00:45 Operator: NMD
Sample : RG92921-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:29 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	400256	25.00	ug/L	0.00 100.00%
43) CI20	Chlorobenzene-D5	7.19	82	204769	25.00	ug/L	0.00 100.00%
63) CI30	1,4-Dichlorobenzene-	9.06	152	193401	25.00	ug/L	0.00 100.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	113756	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	102.08%		
31) CS15	1,2-Dichloroethane-D	4.69	65	133721	24.63	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	98.52%		
44) CS05	Toluene-D8	6.07	98	460243	26.23	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	104.92%		
62) CS10	p-Bromofluorobenzene	8.12	174	133710	27.43	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	109.72%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	136361	25.30	ug/L #	100
3) C010	Chloromethane	1.49	50	149503	25.16	ug/L	100
4) C020	Vinyl chloride	1.54	62	139516	25.12	ug/L	89
5) C015	Bromomethane	1.82	94	37574	21.67	ug/L	88
6) C025	Chloroethane	1.90	64	30003	25.30	ug/L	90
7) C275	Trichlorofluorometha	2.11	101	134805	24.00	ug/L	99
8) C045	1,1-Dichloroethene	2.59	96	107441	25.01	ug/L	86
9) C030	Methylene chloride	3.06	84	143912	12.11	ug/L	85
10) C040	Carbon disulfide	2.77	76	286304	26.78	ug/L	99
11) C036	Acrolein	2.57	56	207270	510.38	ug/L	95
12) C038	Acrylonitrile	3.30	53	215117	128.59	ug/L	94
13) C035	Acetone	2.73	43	160615	119.80	ug/L	95
14) C300	Acetonitrile	2.98	41	726326	1009.19	ug/L	98
15) C276	Iodomethane	2.73	142	140906	31.37	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.58	101	108827	25.67	ug/L	92
17) C962	T-butyl Methyl Ether	3.26	73	286200	26.41	ug/L	95
18) C057	trans-1,2-Dichloroet	3.25	96	120951	25.31	ug/L	97
19) C255	Methyl Acetate	2.98	43	101907	26.13	ug/L	96
20) C050	1,1-Dichloroethane	3.61	63	216808	24.86	ug/L	99
21) C125	Vinyl Acetate	3.65	43	1168582	135.80	ug/L	96
22) C051	2,2-Dichloropropane	4.04	77	138623	25.52	ug/L	98
23) C056	cis-1,2-Dichloroethe	4.07	96	130555	24.96	ug/L	96
24) C272	Tetrahydrofuran	4.29	42	163832	134.77	ug/L	90
25) C222	Bromochloromethane	4.26	128	59177	24.24	ug/L	96
27) C060	Chloroform	4.32	83	206426	24.66	ug/L	99
28) C115	1,1,1-Trichloroethan	4.41	97	169882	25.38	ug/L	97
29) C120	Carbon tetrachloride	4.53	117	140295	25.72	ug/L	98
30) C116	1,1-Dichloropropene	4.54	75	158314	26.15	ug/L	96
32) C165	Benzene	4.70	78	509852	24.96	ug/L	100
33) C065	1,2-Dichloroethane	4.75	62	154704	24.36	ug/L	97
34) C110	2-Butanone	4.10	43	246787	131.36	ug/L	92
35) C256	Cyclohexane	4.43	56	220615	26.57	ug/L	96
36) C150	Trichloroethene	5.18	95	121565	24.89	ug/L	94
37) C140	1,2-Dichloropropane	5.36	63	125983	24.87	ug/L	100
38) C278	Dibromomethane	5.47	93	67313	24.76	ug/L	84

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8072.D Vial: 5
Acq On : 30 Jul 2009 00:45 Operator: NMD
Sample : RG92921-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:29 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

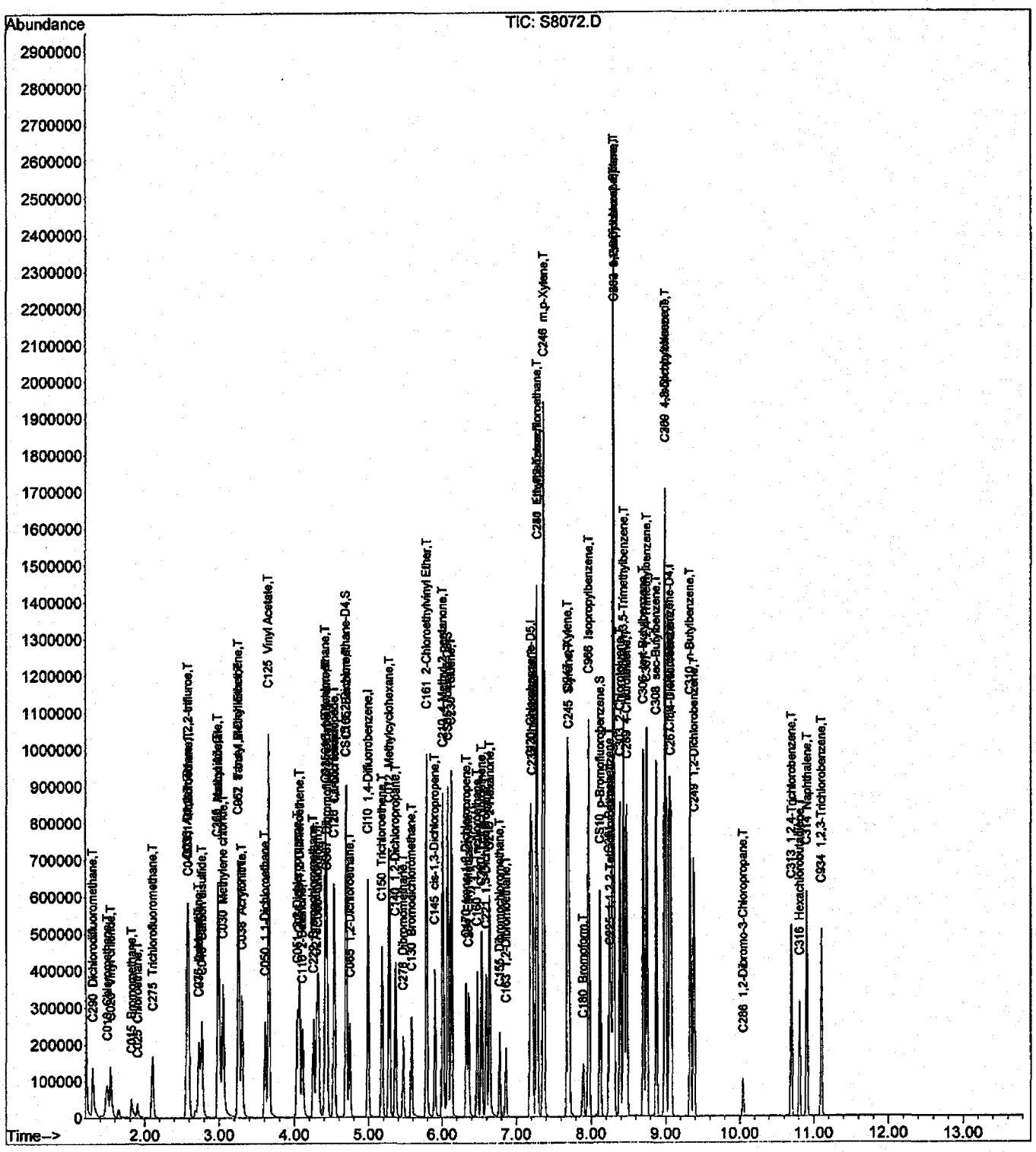
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	142084	25.57 ug/L		98
40) C161	2-Chloroethylvinyl E	5.79	63	322959	136.22 ug/L		94
41) C012	Methylcyclohexane	5.28	83	234721	27.16 ug/L		96
42) C145	cis-1,3-Dichloroprop	5.90	75	177024	26.33 ug/L		100
45) C230	Toluene	6.12	92	320032	25.72 ug/L		94
46) C170	trans-1,3-Dichloropr	6.32	75	153268	26.97 ug/L		95
47) C284	Ethyl Methacrylate	6.35	69	138836	28.03 ug/L	#	91
48) C160	1,1,2-Trichloroethan	6.47	83	84149	25.47 ug/L		97
49) C210	4-Methyl-2-pentanone	6.01	43	467798	136.81 ug/L		94
50) C220	Tetrachloroethene	6.53	166	120208	25.42 ug/L		92
51) C221	1,3-Dichloropropane	6.59	76	183936	25.32 ug/L		100
52) C155	Dibromochloromethane	6.77	129	99936	26.61 ug/L		100
53) C163	1,2-Dibromoethane	6.86	107	102923	25.89 ug/L		97
54) C215	2-Hexanone	6.64	43	322362	138.85 ug/L		92
55) C235	Chlorobenzene	7.21	112	342195	24.91 ug/L		98
56) C281	1,1,1,2-Tetrachloroe	7.29	131	107073	26.07 ug/L		98
57) C240	Ethylbenzene	7.28	91	600840	25.91 ug/L		98
58) C246	m,p-Xylene	7.36	106	470542	52.38 ug/L		96
59) C247	o-Xylene	7.69	106	223385	26.55 ug/L		98
60) C245	Styrene	7.70	104	347940	26.49 ug/L		95
61) C180	Bromoform	7.89	173	56503	27.08 ug/L		99
64) C966	Isopropylbenzene	7.97	105	592130	26.83 ug/L		97
65) C301	Bromobenzene	8.25	156	133942	25.62 ug/L		94
66) C225	1,1,2,2-Tetrachloroe	8.26	83	126468	25.38 ug/L		98
67) C282	1,2,3-Trichloropropa	8.30	110	39829	26.01 ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	104286	133.56 ug/L	#	71
69) C302	n-Propylbenzene	8.30	91	762457	26.76 ug/L		92
70) C303	2-Chlorotoluene	8.39	126	138215	26.23 ug/L		100
71) C289	4-Chlorotoluene	8.48	126	142870	25.72 ug/L		100
72) C304	1,3,5-Trimethylbenze	8.43	105	496968	26.34 ug/L		97
73) C306	tert-Butylbenzene	8.70	134	107130	27.21 ug/L	#	86
74) C307	1,2,4-Trimethylbenze	8.75	105	493253	26.56 ug/L		100
75) C308	sec-Butylbenzene	8.88	105	594567	26.60 ug/L		97
76) C260	1,3-Dichlorobenzene	9.00	146	257464	25.05 ug/L		98
77) C309	4-Isopropyltoluene	8.99	119	525883	27.01 ug/L		98
78) C267	1,4-Dichlorobenzene	9.07	146	261718	24.35 ug/L		97
79) C249	1,2-Dichlorobenzene	9.38	146	247748	25.10 ug/L		97
80) C310	n-Butylbenzene	9.33	91	457206	26.88 ug/L		95
81) C286	1,2-Dibromo-3-Chloro	10.05	75	22139	26.81 ug/L		87
82) C313	1,2,4-Trichlorobenze	10.70	180	136198	26.65 ug/L		99
83) C316	Hexachlorobutadiene	10.81	225	51663	25.31 ug/L		99
84) C314	Naphthalene	10.91	128	394498	28.64 ug/L		99
85) C934	1,2,3-Trichlorobenze	11.11	180	128089	26.80 ug/L		99

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8072.D Vial: 5
Acq On : 30 Jul 2009 00:45 Operator: NMD
Sample : RG92921-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 30 08:59:29 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8073.D Vial: 6
Acq On : 30 Jul 2009 1:10 Operator: NMD
Sample : RG92921-CAL5 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:39 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	404853	25.00	ug/L	0.00 101.15%
43) CI20	Chlorobenzene-D5	7.19	82	207143	25.00	ug/L	0.00 101.16%
63) CI30	1,4-Dichlorobenzene-	9.06	152	194956	25.00	ug/L	0.00 100.80%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	226012	50.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	200.52%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	263406	47.96	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	191.84%#		
44) CS05	Toluene-D8	6.07	98	918228	51.72	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	206.88%#		
62) CS10	p-Bromofluorobenzene	8.12	174	262644	53.25	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	213.00%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	264601	48.53	ug/L #	100
3) C010	Chloromethane	1.49	50	281259	46.79	ug/L	97
4) C020	Vinyl chloride	1.54	62	269090	47.91	ug/L	88
5) C015	Bromomethane	1.82	94	72525	41.36	ug/L	87
6) C025	Chloroethane	1.90	64	57588	48.00	ug/L	91
7) C275	Trichlorofluorometha	2.11	101	267565	47.10	ug/L	100
8) C045	1,1-Dichloroethene	2.59	96	214921	49.46	ug/L	87
9) C030	Methylene chloride	3.06	84	271359	22.57	ug/L	85
10) C040	Carbon disulfide	2.77	76	583109	53.92	ug/L	100
11) C036	Acrolein	2.57	56	387578	943.54	ug/L	95
12) C038	Acrylonitrile	3.30	53	403963	238.73	ug/L	94
13) C035	Acetone	2.72	43	298264	219.95	ug/L	95
14) C300	Acetonitrile	2.98	41	1312311	1802.68	ug/L	97
15) C276	Iodomethane	2.74	142	314146	69.15	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.58	101	208723	48.67	ug/L	92
17) C962	T-butyl Methyl Ether	3.25	73	578336	52.76	ug/L	96
18) C057	trans-1,2-Dichloroet	3.25	96	240797	49.82	ug/L	97
19) C255	Methyl Acetate	2.98	43	197190	49.99	ug/L	95
20) C050	1,1-Dichloroethane	3.61	63	429198	48.66	ug/L	100
21) C125	Vinyl Acetate	3.65	43	2330155	267.72	ug/L	96
22) C051	2,2-Dichloropropane	4.04	77	289369	52.66	ug/L	99
23) C056	cis-1,2-Dichloroethe	4.07	96	264073	49.92	ug/L	97
24) C272	Tetrahydrofuran	4.29	42	312213	253.91	ug/L	91
25) C222	Bromochloromethane	4.26	128	120666	48.86	ug/L	96
27) C060	Chloroform	4.32	83	406958	48.06	ug/L	99
28) C115	1,1,1-Trichloroethan	4.41	97	344627	50.91	ug/L	98
29) C120	Carbon tetrachloride	4.53	117	288835	52.34	ug/L	98
30) C116	1,1-Dichloropropene	4.54	75	321812	52.55	ug/L	98
32) C165	Benzene	4.70	78	1018183	49.28	ug/L	99
33) C065	1,2-Dichloroethane	4.75	62	310910	48.40	ug/L	97
34) C110	2-Butanone	4.10	43	467410	245.98	ug/L	90
35) C256	Cyclohexane	4.43	56	432402	51.48	ug/L	96
36) C150	Trichloroethene	5.18	95	246420	49.88	ug/L	94
37) C140	1,2-Dichloropropane	5.36	63	255399	49.85	ug/L	99
38) C278	Dibromomethane	5.47	93	138402	50.34	ug/L	86

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8073.D Vial: 6
Acq On : 30 Jul 2009 1:10 Operator: NMD
Sample : RG92921-CAL5 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:39 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	299210	53.24	ug/L		98
40) C161	2-Chloroethylvinyl E	5.79	63	623789	260.12	ug/L		93
41) C012	Methylcyclohexane	5.28	83	472193	54.03	ug/L		97
42) C145	cis-1,3-Dichloroprop	5.90	75	377650	55.53	ug/L		100
45) C230	Toluene	6.12	92	638496	50.73	ug/L		94
46) C170	trans-1,3-Dichloropr	6.32	75	332632	57.87	ug/L		95
47) C284	Ethyl Methacrylate	6.35	69	283437	56.57	ug/L		90
48) C160	1,1,2-Trichloroethan	6.47	83	172119	51.51	ug/L		100
49) C210	4-Methyl-2-pentanone	6.01	43	917532	265.26	ug/L		95
50) C220	Tetrachloroethene	6.53	166	241716	50.53	ug/L		92
51) C221	1,3-Dichloropropane	6.59	76	379503	51.64	ug/L		99
52) C155	Dibromochloromethane	6.77	129	214824	56.55	ug/L		99
53) C163	1,2-Dibromoethane	6.86	107	210500	52.34	ug/L		98
54) C215	2-Hexanone	6.63	43	626314	266.68	ug/L		93
55) C235	Chlorobenzene	7.21	112	693983	49.95	ug/L		98
56) C281	1,1,1,2-Tetrachloroe	7.29	131	224858	54.12	ug/L		98
57) C240	Ethylbenzene	7.28	91	1207919	51.49	ug/L		99
58) C246	m,p-Xylene	7.36	106	929013	102.23	ug/L		96
59) C247	o-Xylene	7.69	106	453019	53.22	ug/L		97
60) C245	Styrene	7.71	104	707644	53.25	ug/L		95
61) C180	Bromoform	7.89	173	123064	58.31	ug/L		98
64) C966	Isopropylbenzene	7.97	105	1204653	54.16	ug/L		97
65) C301	Bromobenzene	8.25	156	272832	51.78	ug/L		95
66) C225	1,1,2,2-Tetrachloroe	8.26	83	254071	50.59	ug/L		98
67) C282	1,2,3-Trichloropropa	8.30	110	76639	49.66	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	198619	252.35	ug/L	#	74
69) C302	n-Propylbenzene	8.30	91	1493836	52.01	ug/L		93
70) C303	2-Chlorotoluene	8.39	126	278751	52.48	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	288826	51.58	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.44	105	1003528	52.77	ug/L		97
73) C306	tert-Butylbenzene	8.70	134	218210	54.97	ug/L		93
74) C307	1,2,4-Trimethylbenze	8.75	105	998940	53.36	ug/L		98
75) C308	sec-Butylbenzene	8.88	105	1207057	53.57	ug/L		97
76) C260	1,3-Dichlorobenzene	9.00	146	516567	49.85	ug/L		98
77) C309	4-Isopropyltoluene	8.99	119	1056262	53.81	ug/L		98
78) C267	1,4-Dichlorobenzene	9.07	146	531751	49.07	ug/L		97
79) C249	1,2-Dichlorobenzene	9.38	146	500440	50.30	ug/L		95
80) C310	n-Butylbenzene	9.33	91	926486	54.03	ug/L		95
81) C286	1,2-Dibromo-3-Chloro	10.05	75	45141	54.24	ug/L		86
82) C313	1,2,4-Trichlorobenze	10.70	180	280976	54.55	ug/L		98
83) C316	Hexachlorobutadiene	10.81	225	105771	51.41	ug/L		97
84) C314	Naphthalene	10.91	128	804328	57.93	ug/L		100
85) C934	1,2,3-Trichlorobenze	11.11	180	257822	53.52	ug/L		97

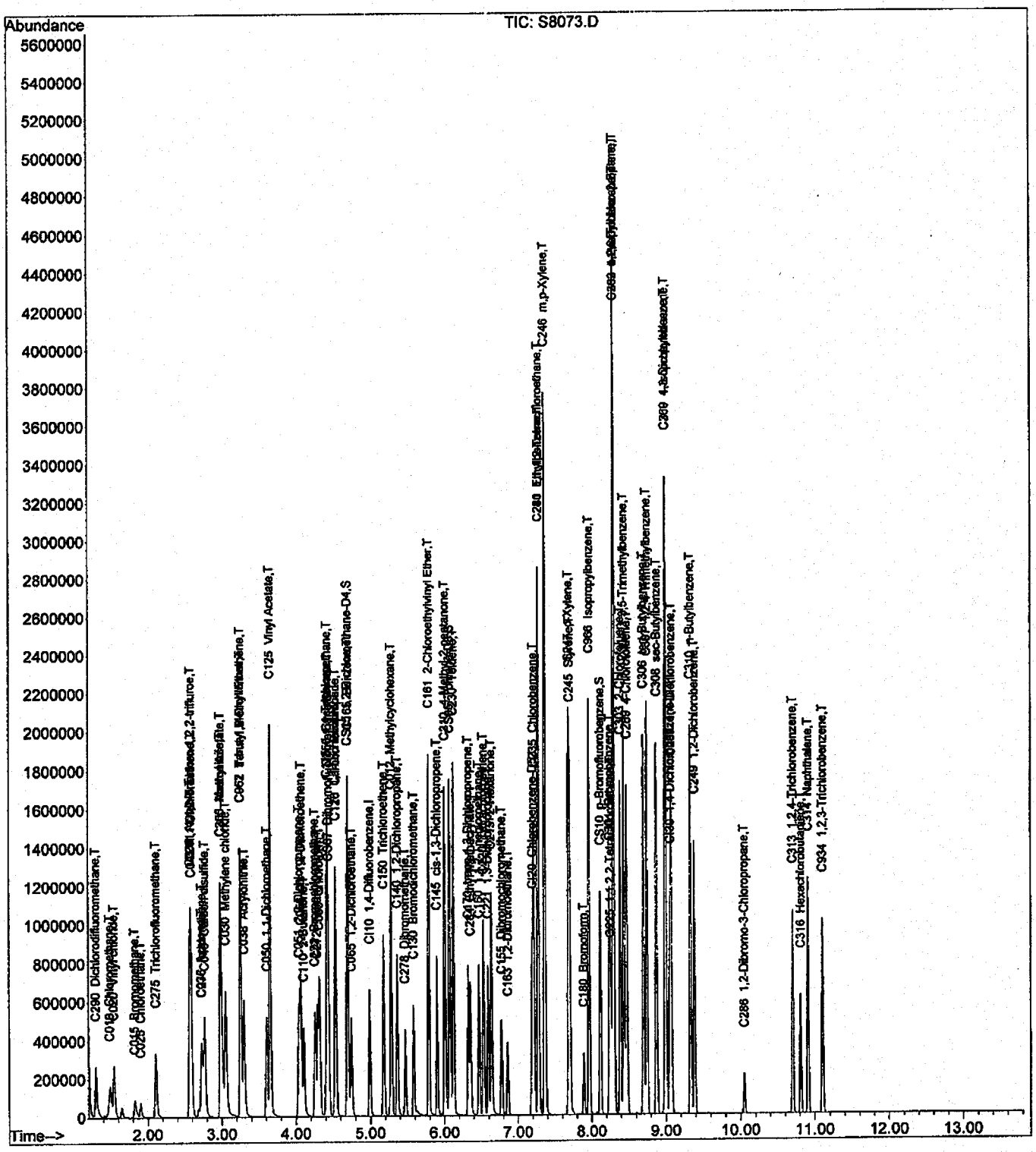
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8073.D
Acq On : 30 Jul 2009 1:10
Sample : RG92921-CAL5
Misc :
MS Integration Params: RTEINT.P

Vial: 6
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Jul 30 08:59:39 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8074.D Vial: 7
Acq On : 30 Jul 2009 1:36 Operator: NMD
Sample : RG92921-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:44 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	427661	25.00	ug/L	0.00 106.85%
43) CI20	Chlorobenzene-D5	7.19	82	217267	25.00	ug/L	0.00 106.10%
63) CI30	1,4-Dichlorobenzene-	9.06	152	200602	25.00	ug/L	0.00 103.72%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	443662	93.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	372.68%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	510079	87.93	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	351.72%#		
44) CS05	Toluene-D8	6.07	98	1826145	98.07	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	392.28%#		
62) CS10	p-Bromofluorobenzene	8.12	174	518077	100.15	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	400.60%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	535087	92.91	ug/L #	100
3) C010	Chloromethane	1.49	50	575577	90.65	ug/L	96
4) C020	Vinyl chloride	1.54	62	544231	91.73	ug/L	88
5) C015	Bromomethane	1.82	94	166078	89.65	ug/L	85
6) C025	Chloroethane	1.90	64	117133	92.43	ug/L	89
7) C275	Trichlorofluorometha	2.11	101	567425	94.56	ug/L	99
8) C045	1,1-Dichloroethene	2.59	96	427744	93.19	ug/L	87
9) C030	Methylene chloride	3.06	84	525028	41.34	ug/L	85
10) C040	Carbon disulfide	2.77	76	1229595	107.64	ug/L	99
11) C036	Acrolein	2.57	56	801432	1847.00	ug/L	95
12) C038	Acrylonitrile	3.30	53	837189	468.36	ug/L	94
13) C035	Acetone	2.72	43	606023	423.07	ug/L	94
14) C300	Acetonitrile	2.98	41	2589232	3367.06	ug/L	98
15) C276	Iodomethane	2.74	142	658079	137.12	ug/L	97
16) C291	1,1,2-Trichloro-1,2,	2.58	101	416718	91.98	ug/L	92
17) C962	T-butyl Methyl Ether	3.25	73	1203341	103.92	ug/L	96
18) C057	trans-1,2-Dichloroet	3.25	96	479586	93.92	ug/L	97
19) C255	Methyl Acetate	2.98	43	383293	91.99	ug/L	93
20) C050	1,1-Dichloroethane	3.60	63	868481	93.21	ug/L	100
21) C125	Vinyl Acetate	3.65	43	4751435	516.79	ug/L	95
22) C051	2,2-Dichloropropane	4.04	77	600874	103.51	ug/L	98
23) C056	cis-1,2-Dichloroethe	4.07	96	529464	94.74	ug/L	96
24) C272	Tetrahydrofuran	4.29	42	649095	499.73	ug/L	88
25) C222	Bromochloromethane	4.26	128	235212	90.16	ug/L	94
27) C060	Chloroform	4.32	83	811288	90.69	ug/L	100
28) C115	1,1,1-Trichloroethan	4.41	97	687586	96.15	ug/L	96
29) C120	Carbon tetrachloride	4.53	117	590185	101.25	ug/L	99
30) C116	1,1-Dichloropropene	4.54	75	645167	99.73	ug/L	96
32) C165	Benzene	4.70	78	2014288	92.30	ug/L	99
33) C065	1,2-Dichloroethane	4.75	62	607549	89.54	ug/L	97
34) C110	2-Butanone	4.10	43	965526	481.01	ug/L	92
35) C256	Cyclohexane	4.43	56	862896	97.26	ug/L	96
36) C150	Trichloroethene	5.18	95	495037	94.87	ug/L	95
37) C140	1,2-Dichloropropane	5.36	63	514003	94.98	ug/L	100
38) C278	Dibromomethane	5.47	93	275667	94.92	ug/L	86

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8074.D Vial: 7
Acq On : 30 Jul 2009 1:36 Operator: NMD
Sample : RG92921-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 30 08:59:44 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\072909\S8072.D (30 Jul 2009 00:45)

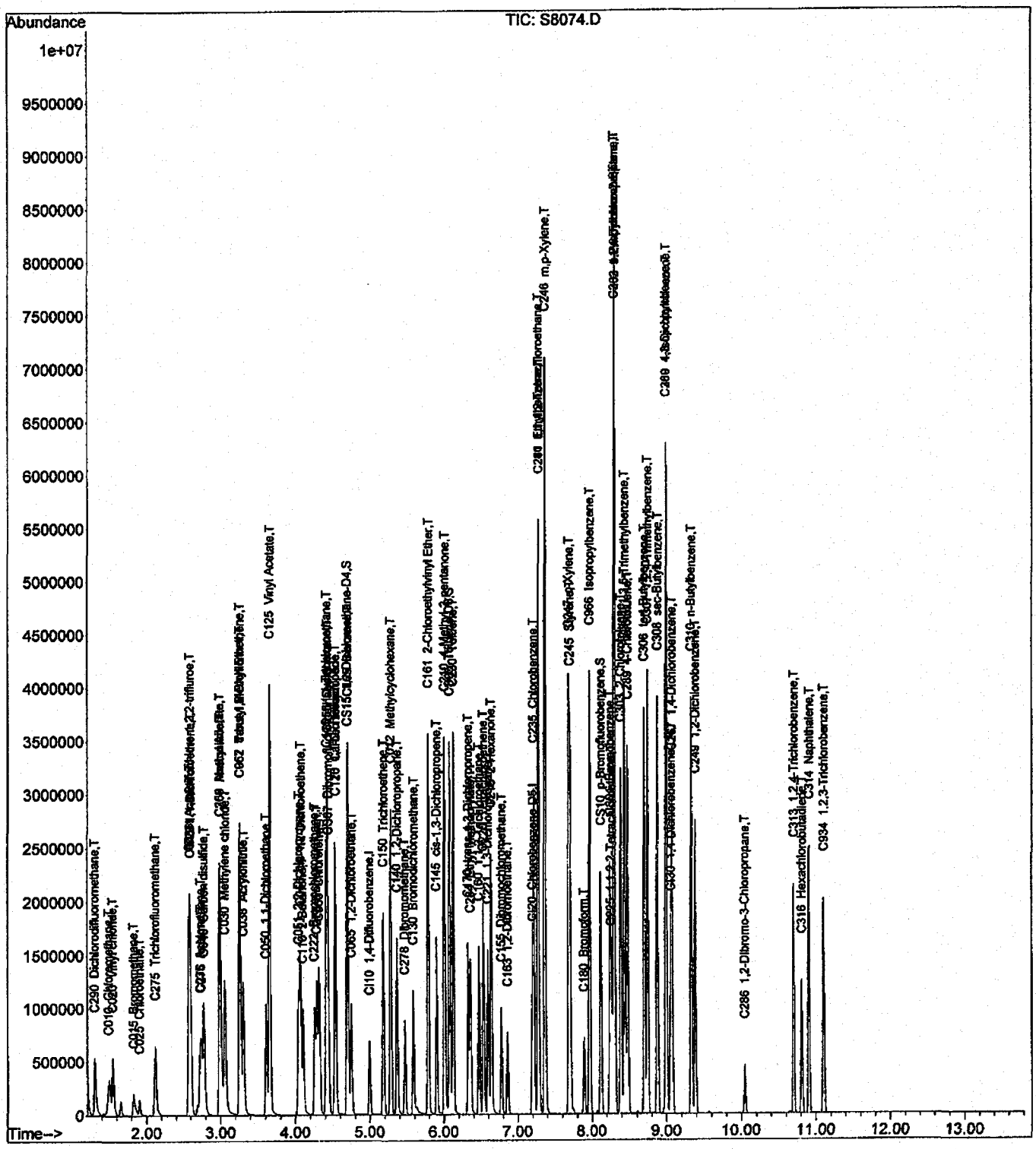
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	607922	102.41	ug/L		98
40) C161	2-Chloroethylvinyl E	5.79	63	1195407	471.90	ug/L		93
41) C012	Methylcyclohexane	5.28	83	960585	104.04	ug/L		96
42) C145	cis-1,3-Dichloroprop	5.90	75	772953	107.59	ug/L		99
45) C230	Toluene	6.13	92	1275471	96.62	ug/L		95
46) C170	trans-1,3-Dichloropr	6.32	75	687508	114.04	ug/L		94
47) C284	Ethyl Methacrylate	6.35	69	597337	113.66	ug/L		89
48) C160	1,1,2-Trichloroethan	6.47	83	343473	97.99	ug/L		100
49) C210	4-Methyl-2-pentanone	6.01	43	1883836	519.25	ug/L		93
50) C220	Tetrachloroethene	6.53	166	490556	97.77	ug/L		93
51) C221	1,3-Dichloropropane	6.59	76	759274	98.49	ug/L		99
52) C155	Dibromochloromethane	6.77	129	446214	111.98	ug/L		98
53) C163	1,2-Dibromoethane	6.86	107	430294	102.01	ug/L		97
54) C215	2-Hexanone	6.63	43	1290430	523.86	ug/L		92
55) C235	Chlorobenzene	7.21	112	1384662	95.01	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	7.29	131	445112	102.14	ug/L		96
57) C240	Ethylbenzene	7.28	91	2390301	97.14	ug/L		99
58) C246	m,p-Xylene	7.37	106	1810445	189.93	ug/L		98
59) C247	o-Xylene	7.69	106	896597	100.43	ug/L		97
60) C245	Styrene	7.71	104	1421153	101.96	ug/L		95
61) C180	Bromoform	7.89	173	267385	120.79	ug/L		99
64) C966	Isopropylbenzene	7.97	105	2405551	105.10	ug/L		97
65) C301	Bromobenzene	8.25	156	542242	100.01	ug/L		94
66) C225	1,1,2,2-Tetrachloroe	8.26	83	515996	99.84	ug/L		98
67) C282	1,2,3-Trichloropropa	8.30	110	149340	94.04	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	379575	468.68	ug/L	#	81
69) C302	n-Propylbenzene	8.30	91	2853025	96.53	ug/L		95
70) C303	2-Chlorotoluene	8.39	126	553686	101.31	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	569664	98.87	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.44	105	1986963	101.54	ug/L		98
73) C306	tert-Butylbenzene	8.70	134	434074	106.27	ug/L	#	90
74) C307	1,2,4-Trimethylbenze	8.75	105	1932619	100.33	ug/L		100
75) C308	sec-Butylbenzene	8.88	105	2409755	103.93	ug/L		96
76) C260	1,3-Dichlorobenzene	9.00	146	976536	91.59	ug/L		98
77) C309	4-Isopropyltoluene	8.99	119	2068329	102.40	ug/L		98
78) C267	1,4-Dichlorobenzene	9.07	146	1031962	92.56	ug/L		96
79) C249	1,2-Dichlorobenzene	9.38	146	964887	94.24	ug/L		95
80) C310	n-Butylbenzene	9.33	91	1830130	103.72	ug/L		95
81) C286	1,2-Dibromo-3-Chloro	10.05	75	95266	111.24	ug/L		87
82) C313	1,2,4-Trichlorobenze	10.70	180	570470	107.63	ug/L		98
83) C316	Hexachlorobutadiene	10.81	225	211556	99.93	ug/L		99
84) C314	Naphthalene	10.91	128	1671205	116.98	ug/L		99
85) C934	1,2,3-Trichlorobenze	11.11	180	524630	105.84	ug/L		99

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\072909\S8074.D Vial: 7
Acq On : 30 Jul 2009 1:36 Operator: NMD
Sample : RG92921-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Jul 30 08:59:44 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Jul 30 08:59:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973S	Calibration:	R9G2906
Lab File ID:	S8826.D	Calibration Date:	07/29/09 23:29
Sequence:	RH92618	Injection Date:	08/26/09
Lab Sample ID:	RH92618-CCV1	Injection Time:	18:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.0	25.0	0.5014327	0.5023985		0.2	
1,1,1-Trichloroethane	A	25.0	24.9	0.4180295	0.4158639		-0.5	
1,1,2,2-Tetrachloroethane	A	25.0	21.6	0.6440732	0.5557593	0.3	-13.7	
1,1,2-Trichloroethane	A	25.0	23.7	0.4033098	0.3829008		-5.1	
1,1,2-Trichlorotrifluoroethane	A	25.0	23.3	0.2648453	0.2467878		-6.8	
1,1-Dichloroethane	A	25.0	23.2	0.5446745	0.5048535	0.1	-7.3	
1,1-Dichloroethene	A	25.0	22.7	0.2683275	0.2437895		-9.1	
1,1-Dichloropropene	A	25.0	24.4	0.3781735	0.3686752		-2.5	
1,2,3-Trichlorobenzene	A	25.0	19.0	0.6177493	0.4689278		-24.1	
1,2,3-Trichloropropane	A	25.0	23.2	0.1979129	0.1832961		-7.4	
1,2,4-Trichlorobenzene	A	25.0	20.9	0.6605303	0.5524341		-16.4	
1,2,4-Trimethylbenzene	A	25.0	21.6	2.400643	2.07922		-13.4	
1,2-Dibromo-3-chloropropane	A	25.0	22.4	0.1067293	9.583308E-02		-10.2	
1,2-Dibromoethane (EDB)	A	25.0	24.6	0.4853425	0.4776725		-1.6	
1,2-Dichlorobenzene	A	25.0	21.3	1.275935	1.086899		-14.8	
1,2-Dichloroethane	A	25.0	23.6	0.3966429	0.3751271		-5.4	
1,2-Dichloroethane-d4	A	25.0	22.5	0.3391188	0.3049534		-10.1	
1,2-Dichloroethene, Total	A	50.0	48.0	0.3125902	0.2999182		-4.1	
1,2-Dichloropropane	A	25.0	23.0	0.3163551	0.291301		-7.9	
1,3,5-Trimethylbenzene	A	25.0	21.6	2.438621	2.104653		-13.7	
1,3-Dichlorobenzene	A	25.0	21.3	1.328776	1.132827		-14.7	
1,3-Dichloropropane	A	25.0	23.7	0.8870349	0.839869		-5.3	
1,4-Dichlorobenzene	A	25.0	20.9	1.389483	1.159677		-16.5	
2,2-Dichloropropane	A	25.0	26.9	0.3393369	0.3656475		7.8	
2-Butanone	A	125	133	0.117341	0.1252741		6.8	
2-Chloroethyl vinyl ether	A	125	154	0.1480819	0.1826571		23.3	
2-Chlorotoluene	A	25.0	22.0	0.6811271	0.5979525		-12.2	
2-Hexanone	A	125	133	0.2834452	0.3023598		6.7	
4-Bromofluorobenzene	A	25.0	28.8	0.5952409	0.6868748		15.4	

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973S	Calibration:	R9G2906
Lab File ID:	S8826.D	Calibration Date:	07/29/09 23:29
Sequence:	RH92618	Injection Date:	08/26/09
Lab Sample ID:	RH92618-CCV1	Injection Time:	18:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Chlorotoluene	A	25.0	21.0	0.718039	0.6046096		-15.8	
4-Methyl-2-pentanone (MIBK)	A	125	131	0.41746	0.4387075		5.1	
Acetone	L	125	142	8.373698E-02	8.452259E-02		13.4	
Acetonitrile	A	1000	945	4.495321E-02	4.246333E-02		-5.5	
Acrolein	A	500	392	2.536534E-02	1.989019E-02		-21.6	
Acrylonitrile	A	125	122	0.1044917	0.1020453		-2.3	
Benzene	A	25.0	23.4	1.275783	1.192483		-6.5	
Bromobenzene	A	25.0	22.2	0.675729	0.6010359		-11.1	
Bromochloromethane	A	25.0	24.3	0.1525081	0.1483406		-2.7	
Bromodichloromethane	A	25.0	25.3	0.347014	0.3507144		1.1	
Bromoform	L	25.0	24.3	0.2547157	0.2810616	0.1	-2.7	
Bromomethane	L	25.0	24.1	0.1082884	9.340468E-02		-3.6	
Carbon disulfide	A	25.0	22.6	0.6677893	0.6034366		-9.6	
Carbon Tetrachloride	A	25.0	25.7	0.3407466	0.3501418		2.8	
Chlorobenzene	A	25.0	22.9	1.676965	1.537729	0.3	-8.3	
Chlorodibromomethane	A	25.0	26.2	0.4584721	0.4798668		4.7	
Chloroethane	A	25.0	25.4	7.408427E-02	7.527864E-02		1.6	
Chloroform	A	25.0	23.7	0.5229389	0.4955905		-5.2	
Chloromethane	A	25.0	21.2	0.3711839	0.3149027	0.1	-15.2	
cis-1,2-Dichloroethene	A	25.0	24.0	0.3266885	0.3136402		-4.0	
cis-1,3-Dichloropropene	A	25.0	25.5	0.419961	0.4288409		2.1	
Cyclohexane	A	25.0	22.9	0.518649	0.4749946		-8.4	
Dibromomethane	A	25.0	24.5	0.1697716	0.1661841		-2.1	
Dichlorodifluoromethane	A	25.0	20.0	0.336653	0.2700519		-19.8	
Ethyl Methacrylate	L	25.0	23.7	0.6047304	0.6350346		-5.2	
Ethylbenzene	A	25.0	23.5	2.831506	2.660979		-6.0	
Hexachlorobutadiene	A	25.0	19.6	0.2638463	0.2067001		-21.7	
Iodomethane	L	25.0	22.4	0.2805518	0.3201214		-10.2	
Isopropylbenzene	A	25.0	22.3	2.852339	2.546879		-10.7	

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973S	Calibration:	R9G2906
Lab File ID:	S8826.D	Calibration Date:	07/29/09 23:29
Sequence:	RH92618	Injection Date:	08/26/09
Lab Sample ID:	RH92618-CCV1	Injection Time:	18:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Methyl Acetate	A	25.0	41.0	0.2435798	0.3993967		64.0	
Methylcyclohexane	A	25.0	24.1	0.539704	0.5205207		-3.6	
Methylene Chloride	L	25.0	21.6	0.7423515	0.324852		-13.7	
Methyl-t-Butyl Ether (MTBE)	A	25.0	27.0	0.6769228	0.731607		8.1	
m-Xylene & p-Xylene	A	50.0	47.8	1.096802	1.049362		-4.3	
Naphthalene	L	25.0	18.7	1.780496	1.487542		-25.2	
n-Butylbenzene	A	25.0	21.0	2.199068	1.847894		-16.0	
n-Propylbenzene	A	25.0	21.6	3.683211	3.189745		-13.4	
o-Xylene	A	25.0	24.1	1.027259	0.9910842		-3.5	
p-Cymene	A	25.0	21.7	2.517135	2.182759		-13.3	
sec-Butylbenzene	A	25.0	21.0	2.889477	2.429032		-15.9	
Styrene	A	25.0	24.2	1.603748	1.549559		-3.4	
tert-Butylbenzene	A	25.0	22.2	0.5090247	0.4518383		-11.2	
Tetrachloroethene	A	25.0	24.4	0.577353	0.5640199		-2.3	
Tetrahydrofuran	A	125	132	7.593045E-02	0.0801443		5.5	
Toluene	A	25.0	23.1	1.518976	1.403079		-7.6	
Toluene-d8	A	25.0	23.8	2.142608	2.036964		-4.9	
trans-1,2-Dichloroethene	A	25.0	24.0	0.2984919	0.2861961		-4.1	
trans-1,3-Dichloropropene	L	25.0	23.3	0.6937069	0.7153181		-6.8	
trans-1,4-Dichloro-2-butene	A	125	111	0.1009307	0.0897577		-11.1	
Trichloroethene	A	25.0	23.8	0.3050358	0.2907983		-4.7	
Trichlorofluoromethane	A	25.0	24.4	0.3507804	0.342567		-2.3	
Vinyl acetate	A	125	109	0.537467	0.4681758		-12.9	
Vinyl chloride	L	25.0	23.6	0.3468344	0.3135742		-5.6	
Xylenes, total	A	75.0	72.0	1.073622	1.029936		-4.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8826.D Vial: 1
Acq On : 26 Aug 2009 18:34 Operator: NMD
Sample : RH92618-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 19:31:33 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 15:24:12 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082509\S8799.D (25 Aug 2009 10:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	272481	25.00	ug/L	0.00 95.97%
43) CI20	Chlorobenzene-D5	7.19	82	144463	25.00	ug/L	0.00 96.33%
63) CI30	1,4-Dichlorobenzene-	9.05	152	148863	25.00	ug/L	0.00 99.10%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	73853	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	97.36%		
31) CS15	1,2-Dichloroethane-D	4.69	65	83094	22.48	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	89.92%		
44) CS05	Toluene-D8	6.07	98	294266	23.77	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	95.08%		
62) CS10	p-Bromofluorobenzene	8.12	174	99228	28.85	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	115.40%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	73584	20.05	ug/L #	100
3) C010	Chloromethane	1.49	50	85805	21.21	ug/L	97
4) C020	Vinyl chloride	1.54	62	85443	23.61	ug/L	87
5) C015	Bromomethane	1.82	94	25451	24.11	ug/L	85
6) C025	Chloroethane	1.90	64	20512	25.40	ug/L	91
7) C275	Trichlorofluorometha	2.10	101	93343	24.41	ug/L	100
8) C045	1,1-Dichloroethene	2.59	96	66428	22.71	ug/L	90
9) C030	Methylene chloride	3.05	84	88516	21.58	ug/L	83
10) C040	Carbon disulfide	2.77	76	164425	22.59	ug/L	100
11) C036	Acrolein	2.57	56	108394	392.07	ug/L	95
12) C038	Acrylonitrile	3.30	53	139027	122.07	ug/L	93
13) C035	Acetone	2.73	43	115154	141.76	ug/L	96
14) C300	Acetonitrile	2.98	41	462818	944.61	ug/L	97
15) C276	Iodomethane	2.73	142	87227	22.45	ug/L	96
16) C291	1,1,2-Trichloro-1,2,	2.57	101	67245	23.30	ug/L	94
17) C962	T-butyl Methyl Ether	3.26	73	199349	27.02	ug/L	97
18) C057	trans-1,2-Dichloroet	3.25	96	77983	23.97	ug/L	95
19) C255	Methyl Acetate	2.98	43	108828	40.99	ug/L	94
20) C050	1,1-Dichloroethane	3.60	63	137563	23.17	ug/L	99
21) C125	Vinyl Acetate	3.65	43	637845	108.88	ug/L	95
22) C051	2,2-Dichloropropane	4.04	77	99632	26.94	ug/L	99
23) C056	cis-1,2-Dichloroethe	4.07	96	85461	24.00	ug/L	95
24) C272	Tetrahydrofuran	4.29	42	109189	131.94	ug/L	87
25) C222	Bromochloromethane	4.26	128	40420	24.32	ug/L	94
27) C060	Chloroform	4.32	83	135039	23.69	ug/L	99
28) C115	1,1,1-Trichloroethan	4.41	97	113315	24.87	ug/L	99
29) C120	Carbon tetrachloride	4.53	117	95407	25.69	ug/L	100
30) C116	1,1-Dichloropropene	4.54	75	100457	24.37	ug/L	95
32) C165	Benzene	4.70	78	324929	23.37	ug/L	99
33) C065	1,2-Dichloroethane	4.75	62	102215	23.64	ug/L	99
34) C110	2-Butanone	4.10	43	170674	133.45	ug/L	91
35) C256	Cyclohexane	4.43	56	129427	22.90	ug/L	95
36) C150	Trichloroethene	5.18	95	79237	23.83	ug/L	98
37) C140	1,2-Dichloropropane	5.36	63	79374	23.02	ug/L	98
38) C278	Dibromomethane	5.47	93	45282	24.47	ug/L	87

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8826.D Vial: 1
Acq On : 26 Aug 2009 18:34 Operator: NMD
Sample : RH92618-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 19:31:33 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 15:24:12 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082509\S8799.D (25 Aug 2009 10:38)

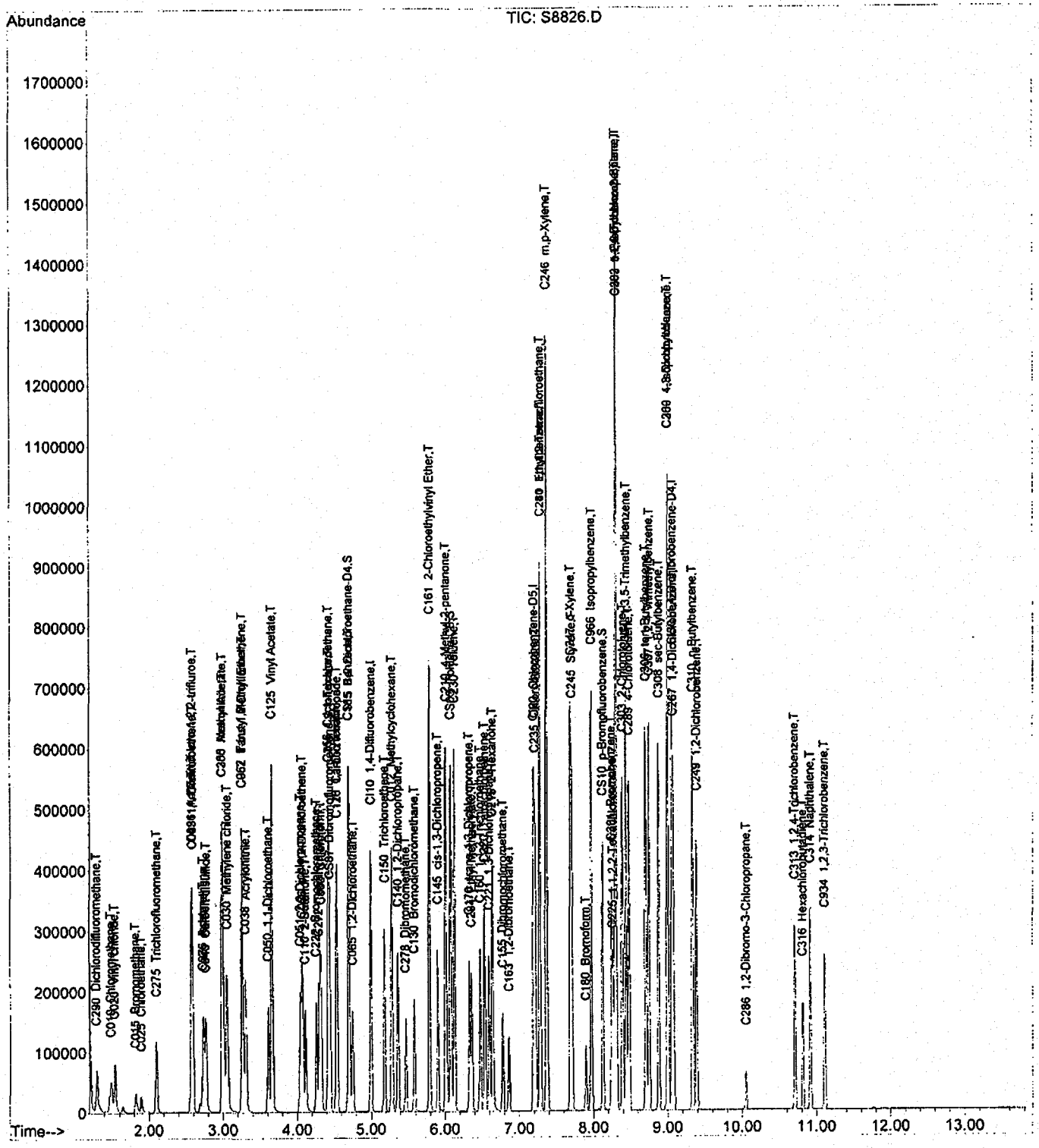
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	95563	25.27	ug/L		98
40) C161	2-Chloroethylvinyl E	5.79	63	248853	154.19	ug/L		93
41) C012	Methylcyclohexane	5.28	83	141832	24.11	ug/L		96
42) C145	cis-1,3-Dichloroprop	5.90	75	116851	25.53	ug/L		97
45) C230	Toluene	6.12	92	202693	23.09	ug/L		94
46) C170	trans-1,3-Dichloropr	6.32	75	103337	23.30	ug/L		95
47) C284	Ethyl Methacrylate	6.35	69	91739	23.69	ug/L		89
48) C160	1,1,2-Trichloroethan	6.47	83	55315	23.73	ug/L		96
49) C210	4-Methyl-2-pentanone	6.01	43	316885	131.36	ug/L		92
50) C220	Tetrachloroethene	6.53	166	81480	24.42	ug/L		93
51) C221	1,3-Dichloropropane	6.59	76	121330	23.67	ug/L		98
52) C155	Dibromochloromethane	6.77	129	69323	26.17	ug/L		99
53) C163	1,2-Dibromoethane	6.86	107	69006	24.60	ug/L		99
54) C215	2-Hexanone	6.63	43	218399	133.34	ug/L		92
55) C235	Chlorobenzene	7.21	112	222145	22.92	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	7.28	131	72578	25.05	ug/L		95
57) C240	Ethylbenzene	7.27	91	384413	23.49	ug/L		99
58) C246	m,p-Xylene	7.36	106	303188	47.84	ug/L		97
59) C247	o-Xylene	7.69	106	143175	24.12	ug/L		98
60) C245	Styrene	7.71	104	223854	24.16	ug/L		93
61) C180	Bromoform	7.89	173	40603	24.33	ug/L		100
64) C966	Isopropylbenzene	7.97	105	379136	22.32	ug/L		96
65) C301	Bromobenzene	8.25	156	89472	22.24	ug/L		97
66) C225	1,1,2,2-Tetrachloroe	8.26	83	82732	21.57	ug/L		98
67) C282	1,2,3-Trichloropropa	8.30	110	27286	23.15	ug/L		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	66808	111.16	ug/L	#	75
69) C302	n-Propylbenzene	8.30	91	474835	21.65	ug/L		94
70) C303	2-Chlorotoluene	8.39	126	89013	21.95	ug/L		100
71) C289	4-Chlorotoluene	8.48	126	90004	21.05	ug/L		100
72) C304	1,3,5-Trimethylbenze	8.44	105	313305	21.58	ug/L		96
73) C306	tert-Butylbenzene	8.70	134	67262	22.19	ug/L	#	83
74) C307	1,2,4-Trimethylbenze	8.75	105	309519	21.65	ug/L		99
75) C308	sec-Butylbenzene	8.87	105	361593	21.02	ug/L		94
76) C260	1,3-Dichlorobenzene	9.00	146	168636	21.31	ug/L		99
77) C309	4-Isopropyltoluene	8.99	119	324932	21.68	ug/L		98
78) C267	1,4-Dichlorobenzene	9.07	146	172633	20.87	ug/L		98
79) C249	1,2-Dichlorobenzene	9.38	146	161799	21.30	ug/L		97
80) C310	n-Butylbenzene	9.33	91	275083	21.01	ug/L		98
81) C286	1,2-Dibromo-3-Chloro	10.05	75	14266	22.45	ug/L		93
82) C313	1,2,4-Trichlorobenze	10.70	180	82237	20.91	ug/L		98
83) C316	Hexachlorobutadiene	10.81	225	30770	19.59	ug/L		98
84) C314	Naphthalene	10.91	128	221440	18.69	ug/L		99
85) C934	1,2,3-Trichlorobenze	11.11	180	69806	18.98	ug/L		98

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8826.D Vial: 1
Acq On : 26 Aug 2009 18:34 Operator: NMD
Sample : RH92618-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 26 19:31:33 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 15:24:12 2009
Response via : Initial Calibration
DataAcq Meth : VOA

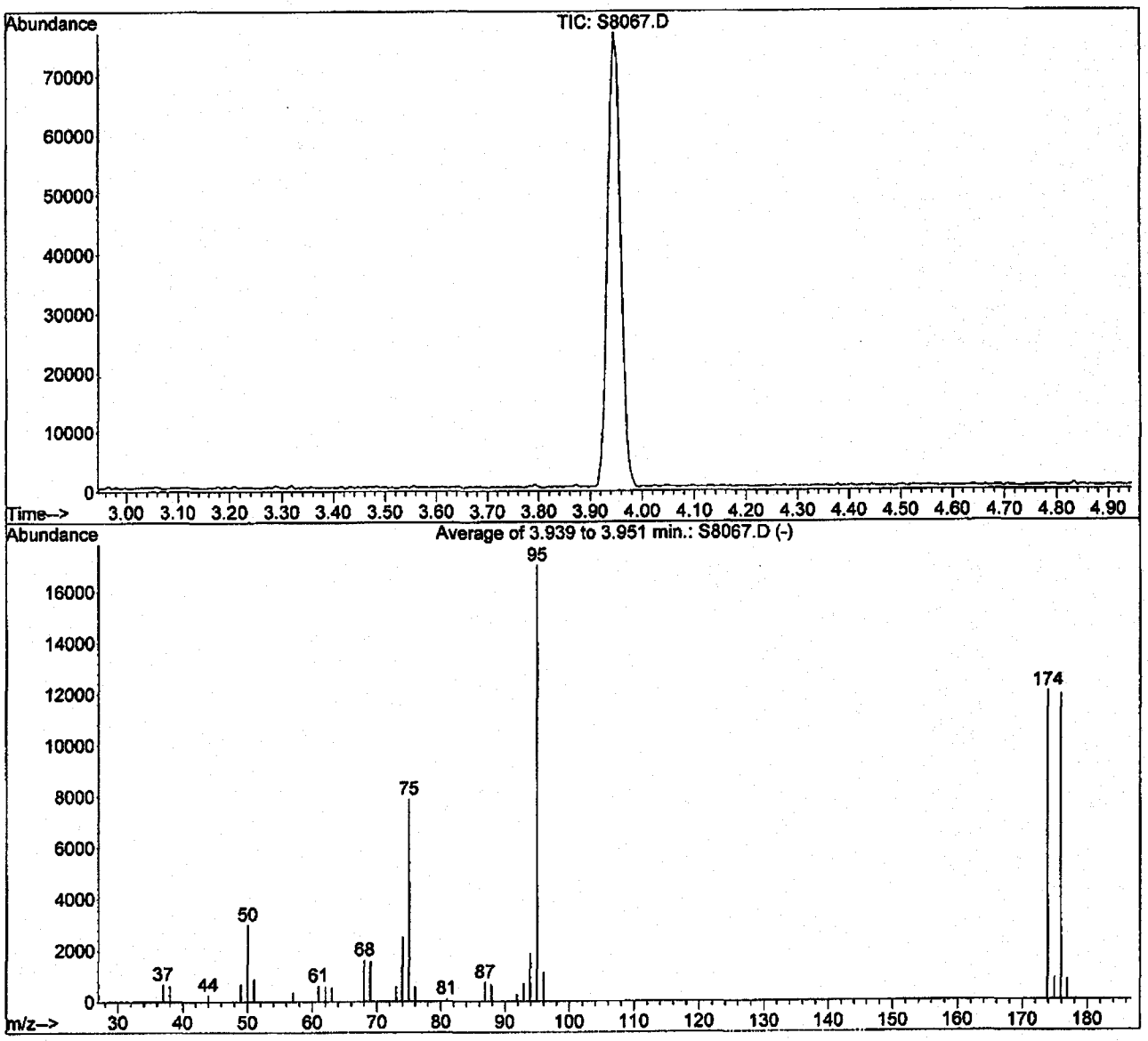


BFB Tune Evaluation

Data File : D:\MSDCHEM\S\DATA\072909\S8067.D
Acq On : 29 Jul 2009 22:40
Sample : RG92921-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 389 (3.95 min)
Average of 3 scans: 388,389,390 minus background scan 369 (3.82 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.6	2997	PASS
75	95	30	60	46.4	7891	PASS
95	95	100	100	100.0	17020	PASS
96	95	5	9	6.6	1129	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	70.7	12026	PASS
175	174	5	9	7.2	860	PASS
176	174	95	101	98.9	11890	PASS
177	176	5	9	6.6	788	PASS

S8067.D R9G2906-SIXPT.M Thu Jul 30 09:07:06 2009 HP5973S

Average of 3.939 to 3.951 min.: S8067.D
RG92921-TUN1
Modified:subtracted

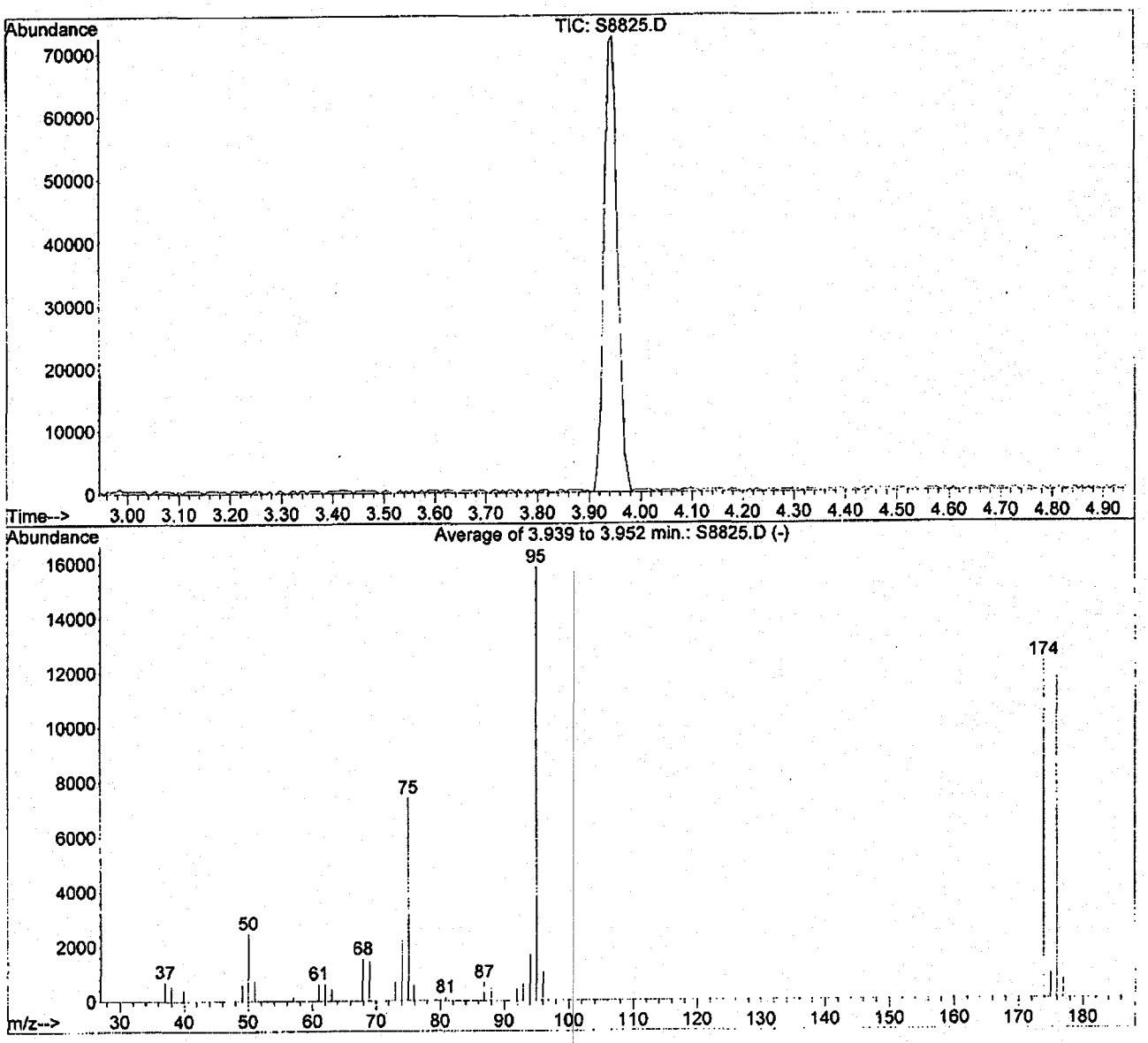
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.95	678	68.95	1573	95.00	17020		
38.00	620	73.00	604	96.00	1129		
44.00	270	73.95	2523	173.90	12026		
49.00	691	75.00	7891	174.95	860		
50.00	2997	76.00	585	175.90	11890		
51.00	899	80.90	118	176.90	788		
57.00	376	86.90	752				
60.95	620	87.90	661				
62.00	596	91.90	276				
63.00	555	92.95	689				
68.00	1625	93.95	1867				

BFB Tune Evaluation

Data File : D:\MSDChem\S\Data\082609\S8825.D
Acq On : 26 Aug 2009 18:13
Sample : RH92618-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 389 (3.95 min)
Average of 3 scans: 388,389,390 minus background scan 369 (3.82 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	2473	PASS
75	95	30	60	46.7	7402	PASS
95	95	100	100	100.0	15857	PASS
96	95	5	9	6.6	1049	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	77.8	12338	PASS
175	174	5	9	7.4	910	PASS
176	174	95	101	95.2	11741	PASS
177	176	5	9	6.0	710	PASS

Average of 3.939 to 3.952 min.: S8825.D
RH92618-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	698	68.95	1452	95.00	15857		
38.00	541	72.95	700	95.95	1049		
39.95	403	74.00	2215	173.90	12338		
49.05	582	75.00	7402	174.95	910		
50.00	2473	75.95	568	175.90	11741		
51.00	737	80.90	134	176.90	710		
57.00	132	86.90	677				
60.95	629	87.95	486				
61.95	629	91.90	430				
62.95	428	92.95	615				
67.90	1530	93.95	1672				

Blank

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo
SDG:
Client: ARCADIS U.S., Inc. - Albany, NY
Project: Arcadis, Geraghty & Miller - NY9A8463
Matrix: Water
Laboratory ID: 9H26079-BLK1
File ID: S8829.D
Sampled:
Prepared: 08/26/09 16:47
Analyzed: 08/26/09 19:51
Solids:
Preparation: 5030B MS
Initial/Final: 5 mL / 5 mL
Batch: 9H26079
Sequence: RH92618
Calibration: R9G2906
Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	5.0	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	10	U
100-41-4	Ethylbenzene	1	5.0	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	10	U
79-01-6	Trichloroethene	1	5.0	U
75-01-4	Vinyl chloride	1	2.0	U
1330-20-7	Xylenes, total	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.5	98	66 - 137	
4-Bromofluorobenzene	25.0	28.2	113	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	140362	9.06	148863	9.05	
1,4-Difluorobenzene	261174	4.99	272481	4.99	
Chlorobenzene-d5	139680	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8829.D Vial: 2
Acq On : 26 Aug 2009 19:51 Operator: NMD
Sample : 9H26079-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 20:08:58 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 20:08:51 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SYE 8/26/09 10 ADD 10 TIC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	261174	25.00	ug/L	0.00 95.85%
43) CI20	Chlorobenzene-D5	7.19	82	139680	25.00	ug/L	0.00 96.69%
63) CI30	1,4-Dichlorobenzene-	9.06	152	140362	25.00	ug/L	0.00 94.29%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	72050	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	99.08%		
31) CS15	1,2-Dichloroethane-D	4.69	65	86720	24.48	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	97.92%		
44) CS05	Toluene-D8	6.07	98	280411	23.42	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	93.68%		
62) CS10	p-Bromofluorobenzene	8.12	174	93708	28.18	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	112.72%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.05	84	1859	Below Cal		87
10) C040	Carbon disulfide	2.77	76	1080	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	0.00	78	0	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

8/31/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8829.D Vial: 2
Acq On : 26 Aug 2009 19:51 Operator: NMD
Sample : 9H26079-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 20:08:58 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 20:08:51 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	933	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.21	112	291	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	289	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	~~10.91~~	~~120~~	~~1610~~	~~1.16~~	~~ug/L~~	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

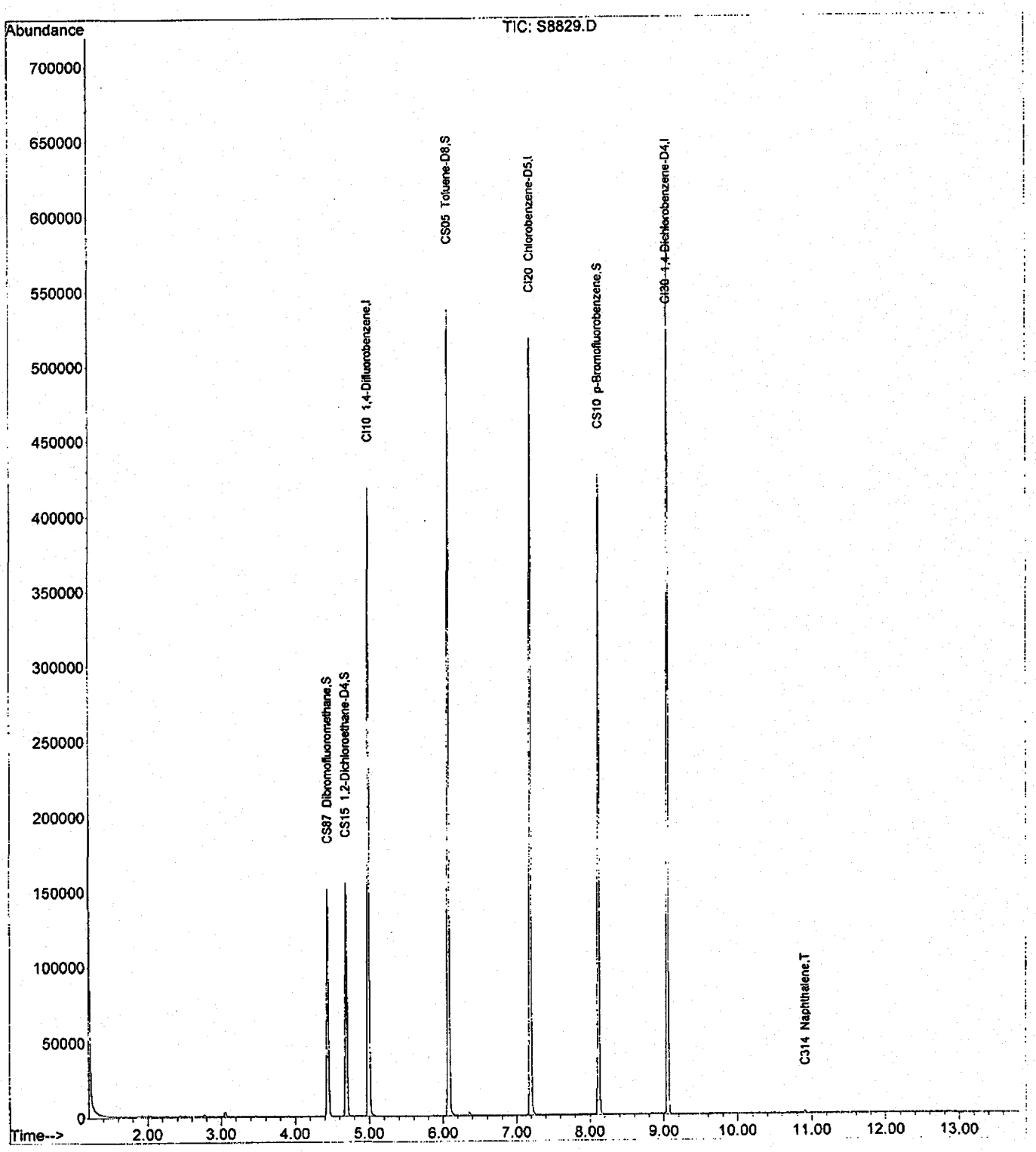
8/31/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8829.D
Acq On : 26 Aug 2009 19:51
Sample : 9H26079-BLK1
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 26 20:08:58 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 20:08:51 2009
Response via : Initial Calibration
DataAcq Meth : VOA



LCS

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: 9H26079-BS1 File ID: S8828.D

Sampled: Prepared: 08/26/09 16:47 Analyzed: 08/26/09 19:25

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

Batch: 9H26079 Sequence: RH92618 Calibration: R9G2906 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	25.5	
108-90-7	Chlorobenzene	1	24.8	
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	25.2	
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	26.5	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

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	29.5	118	73 - 120	
Toluene-d8	25.0	24.2	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	138035	9.06	148863	9.05	
1,4-Difluorobenzene	264006	4.99	272481	4.99	
Chlorobenzene-d5	138750	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8828.D Vial: 1
Acq On : 26 Aug 2009 19:25 Operator: NMD
Sample : 9H26079-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 19:40:35 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 19:40:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SYE MJL 8/26/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	264006	25.00	ug/L	0.00 96.89%
43) CI20	Chlorobenzene-D5	7.19	82	138750	25.00	ug/L	0.00 96.05%
63) CI30	1,4-Dichlorobenzene-	9.06	152	138035	25.00	ug/L	0.00 92.73%

System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	73784	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%	
31) CS15	1,2-Dichloroethane-D	4.69	65	84976	23.73	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	94.92%	
44) CS05	Toluene-D8	6.07	98	287156	24.15	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	96.60%	
62) CS10	p-Bromofluorobenzene	8.12	174	97443	29.50	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	118.00%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.59	96	78689	27.77 ug/L	87
9) C030	Methylene chloride	3.05	84	4548	Below Cal #	78
10) C040	Carbon disulfide	2.77	76	1044	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.70	78	343548	25.50 ug/L	100
33) C065	1,2-Dichloroethane	~~4.69~~	~~62~~	~~2687~~	~~0.64 ug/L~~ #	1
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	5.18	95	85392	26.51 ug/L	98
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

8/31/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8828.D Vial: 1
Acq On : 26 Aug 2009 19:25 Operator: NMD
Sample : 9H26079-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 19:40:35 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 19:40:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.18	83	605	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.12	92	212282	25.18 ug/L	95
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	760	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.21	112	230769	24.79 ug/L	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	0.00	91	0	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	8.44	91	676	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	8.87	105	303	N.D.	
75) C308	sec-Butylbenzene	8.87	105	303	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	8.99	119	132	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	9.33	91	548	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	10.70	180	344	N.D.	
83) C316	Hexachlorobutadiene	~~10.61~~	~~225~~	~~888~~	~~0.61 ug/L~~ #	~~44~~
84) C314	Naphthalene	~~10.91~~	~~128~~	~~5123~~	~~1.29 ug/L~~	~~77.~~
85) C934	1,2,3-Trichloroben	11.11	180	764	N.D.	

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

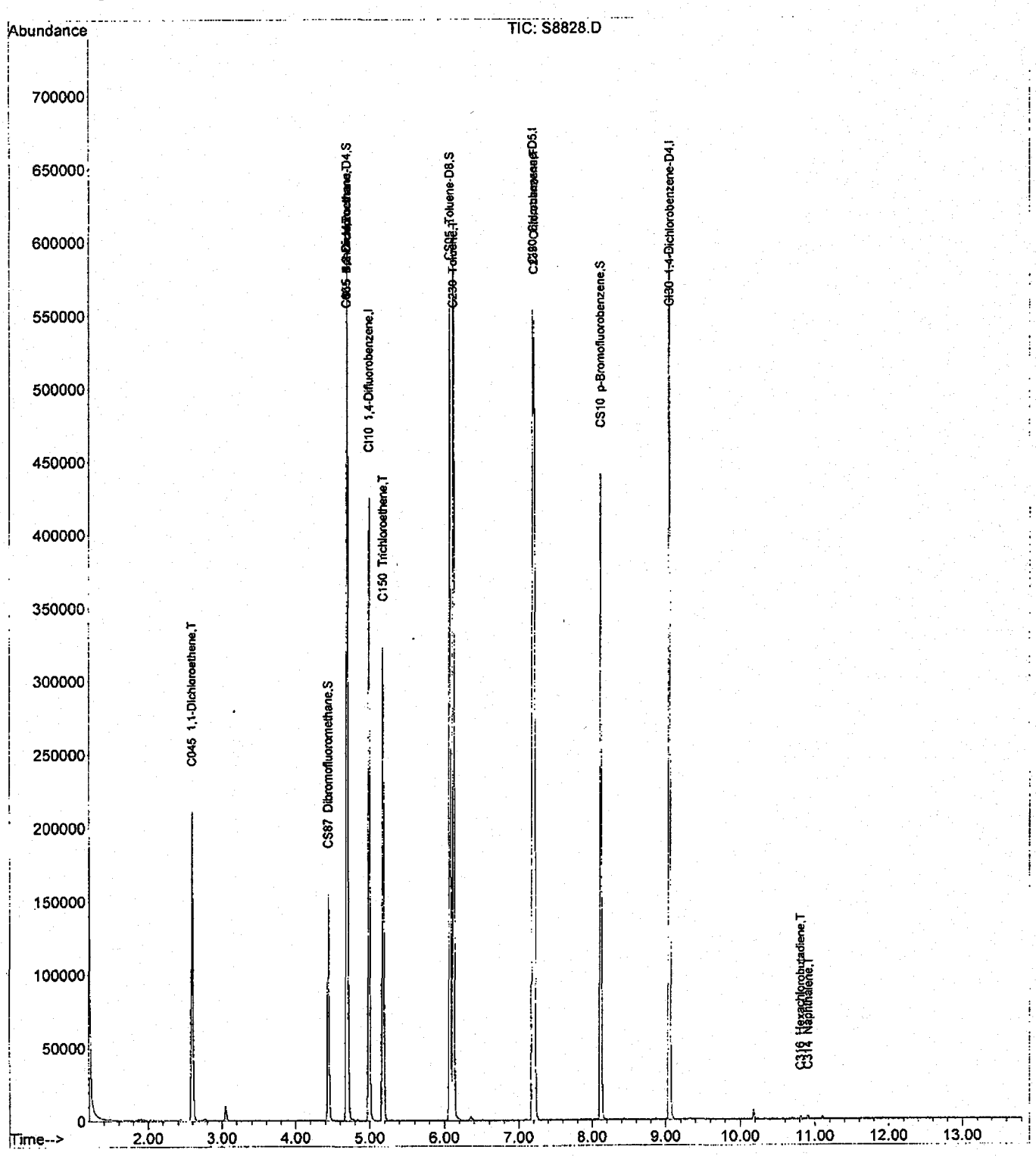
8/31/2009

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\082609\S8828.D
Acq On : 26 Aug 2009 19:25
Sample : 9H26079-BS1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 26 19:40:35 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 19:40:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA



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: 9H26079-MS1 File ID: S8837.D

Sampled: Prepared: 08/26/09 16:47 Analyzed: 08/26/09 23:21

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

Batch: 9H26079 Sequence: RH92618 Calibration: R9G2906 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.22	
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	28.0	
108-90-7	Chlorobenzene	1	26.3	
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	3.22	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	27.5	
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	64.0	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

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	28.2	113	73 - 120	
Toluene-d8	25.0	23.6	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	131868	9.06	148863	9.05	
1,4-Difluorobenzene	255849	4.99	272481	4.99	
Chlorobenzene-d5	133438	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8837.D Vial: 10
Acq On : 26 Aug 2009 23:21 Operator: NMD
Sample : 9H26079-MS1 Inst : HP5973S
Misc : (02) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:45 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

SME NM 8/26/09

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	255849	25.00 ug/L	0.00 93.90%
43) CI20	Chlorobenzene-D5	7.19	82	133438	25.00 ug/L	0.00 92.37%
63) CI30	1,4-Dichlorobenzene-	9.06	152	131868	25.00 ug/L	0.00 88.58%
System Monitoring Compounds						
26) CS87	Dibromofluoromethane	4.44	111	69765	24.49 ug/L	0.00
Spiked Amount	25.000	Range 70 - 130		Recovery =	97.96%	
31) CS15	1,2-Dichloroethane-D	4.69	65	82228	23.69 ug/L	0.00
Spiked Amount	25.000	Range 66 - 137		Recovery =	94.76%	
44) CS05	Toluene-D8	6.07	98	270127	23.62 ug/L	0.00
Spiked Amount	25.000	Range 71 - 126		Recovery =	94.48%	
62) CS10	p-Bromofluorobenzene	8.12	174	89669	28.22 ug/L	0.00
Spiked Amount	25.000	Range 73 - 120		Recovery =	112.88%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.54	62	1916	Below Cal	89
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.59	96	87457	31.85 ug/L	85
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	2.77	76	768	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.73	43	1011	Below Cal #	43
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,2,	2.58	101	3170	1.17 ug/L #	78
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	3.60	63	851	N.D.	
21) C125	Vinyl Acetate	3.64	43	1214	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	4.07	96	10765	3.22 ug/L	87
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroethan	4.41	97	5229	1.22 ug/L	96
29) C120	Carbon tetrachlori	4.42	117	434	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.70	78	365230	27.97 ug/L	99
33) C065	1,2-Dichloroethane	~~4.70~~	~~62~~	~~2847~~	~~0.70 ug/L~~ #	1
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	5.17	95	199888	64.03 ug/L	91
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

NM 8/31/2009

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8837.D Vial: 10
Acq On : 26 Aug 2009 23:21 Operator: NMD
Sample : 9H26079-MS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 26 23:37:45 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

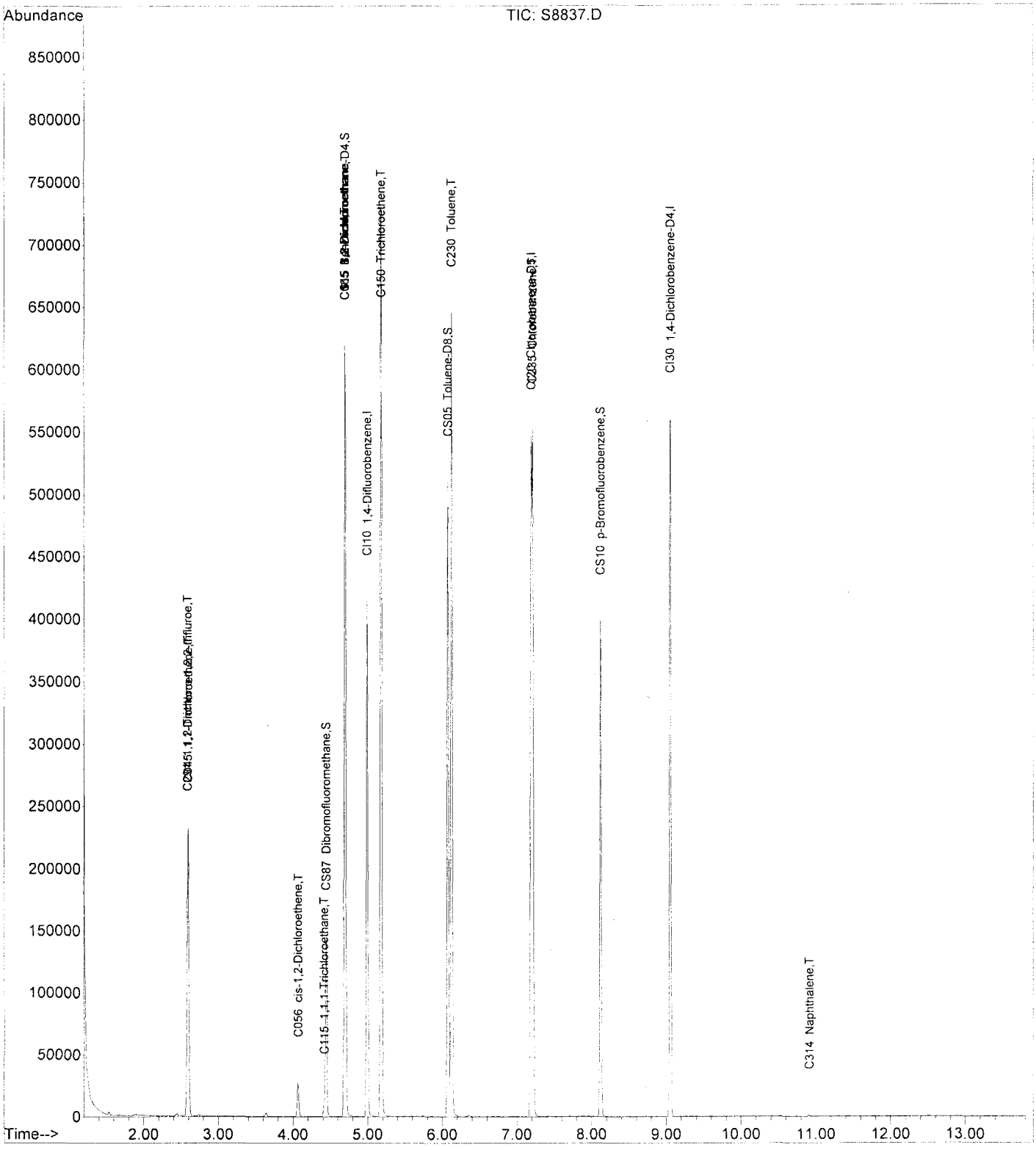
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.18	83	2181	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.12	92	223283	27.54 ug/L	92
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	988	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.21	112	235477	26.31 ug/L	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	145	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	10.91	128	880	1.10 ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

8/31/09

Data File : D:\MSDCHEM\S\DATA\082609\S8837.D Vial: 10
Acq On : 26 Aug 2009 23:21 Operator: NMD
Sample : 9H26079-MS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 26 23:37:45 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Matrix Spike Dup

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: 9H26079-MSD1 File ID: S8838.D

Sampled: Prepared: 08/26/09 16:47 Analyzed: 08/26/09 23:46

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

Batch: 9H26079 Sequence: RH92618 Calibration: R9G2906 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.23	
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	28.9	
108-90-7	Chlorobenzene	1	27.0	
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	3.14	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	28.4	
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	65.0	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.0	96	66 - 137	
4-Bromofluorobenzene	25.0	28.7	115	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	128768	9.06	148863	9.05	
1,4-Difluorobenzene	252367	4.99	272481	4.99	
Chlorobenzene-d5	132300	7.19	144463	7.19	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8838.D Vial: 11
Acq On : 26 Aug 2009 23:46 Operator: NMD
Sample : 9H26079-MSD1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P (502)
Quant Time: Aug 27 09:16:34 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

8-27-09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	252367	25.00	ug/L	0.00 92.62%
43) CI20	Chlorobenzene-D5	7.19	82	132300	25.00	ug/L	0.00 91.58%
63) CI30	1,4-Dichlorobenzene-	9.06	152	128768	25.00	ug/L	0.00 86.50%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	71274	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%	
31) CS15	1,2-Dichloroethane-D	4.69	65	82047	23.97	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	95.88%	
44) CS05	Toluene-D8	6.07	98	269806	23.80	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.20%	
62) CS10	p-Bromofluorobenzene	8.12	174	90510	28.73	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	114.92%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	1991	Below Cal		79
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	88550	32.69	ug/L	89
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.77	76	722	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.73	43	689	Below Cal	#	43
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.58	101	3036	1.14	ug/L #	89
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.60	63	874	N.D.		
21) C125	Vinyl Acetate	3.64	43	1104	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	10344	3.14	ug/L	96
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroethan	4.41	97	5176	1.23	ug/L	92
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	372445	28.92	ug/L	99
33) C065	1,2-Dichloroethane	4.70	62	2679	0.67	ug/L #	1
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.17	95	200288	65.04	ug/L	92
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

8/31/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082609\S8838.D Vial: 11
Acq On : 26 Aug 2009 23:46 Operator: NMD
Sample : 9H26079-MSD1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 09:16:34 2009 Results File: R9G2906-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082609\S8826.D (26 Aug 2009 18:34)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.18	83	1983	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.12	92	228057	28.37 ug/L	98
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	766	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.21	112	240034	27.05 ug/L	99
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	145	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	8.12	91	135	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	10.90	128	896	1.10 ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

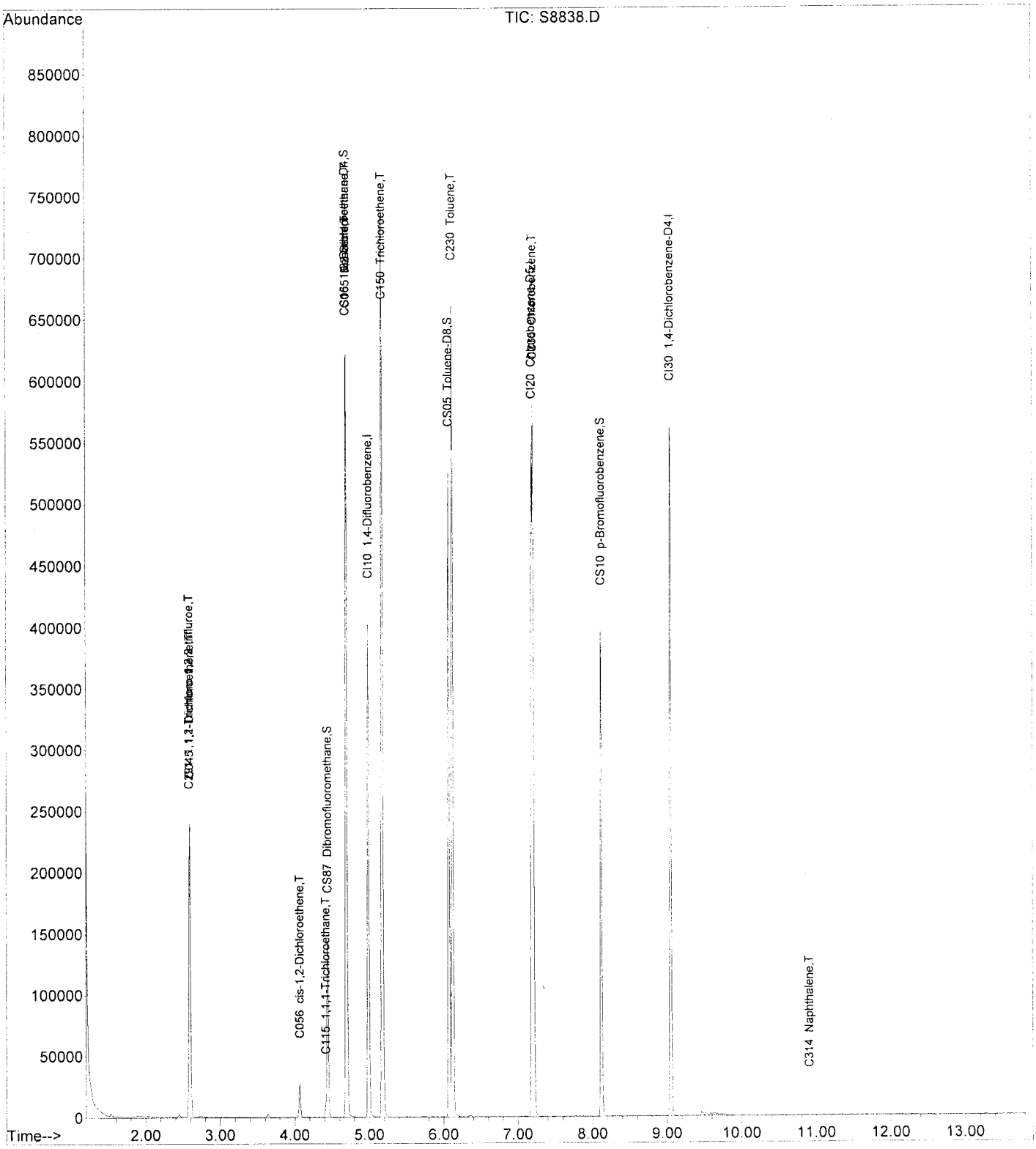
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/31/2009

Data File : D:\MSDCHEM\S\DATA\082609\S8838.D
Acq On : 26 Aug 2009 23:46
Sample : 9H26079-MSD1
Misc :
MS Integration Params: RTEINT.P

Vial: 11
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Quant Time: Aug 27 09:16:34 2009 Results File: R9G2906-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R9G2906-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Aug 26 23:37:18 2009
Response via : Initial Calibration
DataAcq Meth : VOA



HOLDING TIME SUMMARY
8260B

Laboratory: TestAmerica Buffalo
SDG: DRAFT
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
PZ-1	08/24/09 11:34	08/26/09 09:00	08/26/09 16:47	2	14	08/26/09 22:29	2	14	
MW-F	08/24/09 12:36	08/26/09 09:00	08/26/09 16:47	2	14	08/26/09 22:55	2	14	
MW-3	08/24/09 13:35	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 00:12	3	14	
MW-4	08/24/09 13:35	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 00:37	3	14	
DOT MW-1	08/24/09 14:00	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 01:03	3	14	
MW-E	08/24/09 15:39	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 01:29	3	14	
MW-B	08/24/09 15:40	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 01:54	3	14	
MW-5	08/24/09 15:59	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 02:20	3	14	
MW-C	08/24/09 16:18	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 02:45	3	14	
MW-1	08/24/09 16:47	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 03:11	3	14	
PW-1	08/24/09 17:39	08/26/09 09:00	08/26/09 16:47	2	14	08/27/09 03:36	3	14	
PZ-2	08/25/09 09:50	08/26/09 09:00	08/26/09 16:47	1	14	08/27/09 04:02	2	14	
FIELD BLANK	08/25/09 10:00	08/26/09 09:00	08/26/09 16:47	1	14	08/27/09 04:27	2	14	
MW-D	08/25/09 11:05	08/26/09 09:00	08/26/09 16:47	1	14	08/27/09 04:53	2	14	
DUP-1	08/25/09 00:00	08/26/09 09:00	08/26/09 16:47	1	14	08/27/09 05:18	2	14	
MW-2	08/25/09 11:30	08/26/09 09:00	08/26/09 16:47	1	14	08/27/09 05:44	2	14	
TRIP BLANK	08/25/09 00:00	08/26/09 09:00	08/26/09 16:47	1	14	08/26/09 22:04	1	14	

PREPARATION BENCH SHEET

9H26079

TestAmerica Buffalo

rinted: 8/31/2009 8:32:29AM

Matrix: Water **Prepared using: GCMS Volatiles - 5030B MS** **Surrogate used: 9070907**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Bar Code	Extraction Comments
9H26079-BLK1	QC	08/26/09 16:47	5	5				1		
9H26079-BS1	QC	08/26/09 16:47	5	5	9070899		5000	1		
9H26079-MS1	QC	08/26/09 16:47	5	5	9070899	RSH0772-02	5000	1		
9H26079-MSD1	QC	08/26/09 16:47	5	5	9070899	RSH0772-02	5000	1		
RSH0760-01	8260	08/26/09 16:47	5	5				1		A00039,
RSH0760-01	8260 TICS	08/26/09 16:47	5	5				1		
RSH0760-02	8260	08/26/09 16:47	5	5				1		A00039,
RSH0760-02	8260 TICS	08/26/09 16:47	5	5				1		
RSH0760-03	8260	08/26/09 16:47	5	5				1		A00039,
RSH0760-03	8260 TICS	08/26/09 16:47	5	5				1		
RSH0760-04	8260	08/26/09 16:47	5	5				1		A00039,
RSH0760-04	8260 TICS	08/26/09 16:47	5	5				1		
RSH0772-01	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-02	8260	08/26/09 16:47	5	5				1		A00039,MS/MSD
RSH0772-02	8260 TICS	08/26/09 16:47	5	5				1		Added for BatchQC in: 9H26079
RSH0772-05	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-06	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-07	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-08	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-09	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-10	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-11	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-12	8260	08/26/09 16:47	5	5				1		A00039,

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Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

9H26079

TestAmerica Buffalo

rinted: 8/31/2009 8:32:29AM

Matrix: Water **Prepared using: GCMS Volatiles - 5030B MS** **Surrogate used: 9070907**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Bar Code	Extraction Comments
RSH0772-13	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-14	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-15	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-16	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-17	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-18	8260	08/26/09 16:47	5	5				1		A00039,
RSH0772-19	8260	08/26/09 16:47	5	5				1		A00039,

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Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS VOLATILE INJECTION LOG

Logbook # A09-04-04

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/23/09	0747	ND	S8063	9622088 - MS2	606881	5mL	7	1
	0740		S8064	MSD2		1		1
	0808		S8065	RSH0688 05				1
	0834		S8066	06				1
7/29/09	2240	ND	S8067	RG2521 - TUNE	QC	1uL	7	7
	—		S8068	(NV) - CAL1		5mL		
	2329		S8069	- CAL1				
	2354		S8070	- CAL2				
7/30/09	0019		S8071	- CAL3				
	0045		S8072	- CAL4				
	0110		S8073	- CAL5				
	0136		S8074	BY 820 → - CAL6				
	—		S8075	- CAL7				
	0207		S8076	- CAL7				
	0252		S8077	- CAL8				
	0318		S8078	- CAL9				
	0344		S8079	- CALA				
	0409		S8080	- CALB				
	0435		S8081	- CALC				
	—		S8082	- BLK -				

REVIEWED BY _____ PAGE 000056

GC/MS VOLATILE INJECTION LOG

Logbook # A09-04-04

STD #	IS/SS MIX #	Return?	pH <2	Comments
9070899	9070904		—	
〃	9070908		〃	
	〃		K	
	〃	Y	X	IS low
9060120	—	—	—	DASS
9071342, 9070464, 9071182	9070904	—	—	
= 9071357	9070908	—	—	
= 9071358		—	—	B260
= 9071359		—	—	R962906
= 9071360		—	—	(ok!)
= 9071361		—	—	
= 9071362		—	—	
9070780, 9061366, 9070747, 9070749		—	—	
= 9071363		—	—	
= 9071364		—	—	
= 9071365		—	—	ADD
= 9071366		—	—	R962906 - ADD
= 9071367		—	—	(OK!)
= 9071368		—	—	
	〃			

REVIEWED BY _____ PAGE 000057

GC/MS VOLATILE INJECTION LOG

Logbook # A09-04-04

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
8/25/09	1932	TWS	S8819	RSH0679-05	RSH0679	5mL	—	1
	1957		S8820	-06				1
	2023		S8821	-07 (F)				4
	2048		S8822	-08				1
	2114		S8823	9H25008-MS1	QC			25
	2139		S8824	-MSD1				25
8/26/09	1813	ND	S8825	RH92618-TUN1	QC	1uL	7	7
	1834		S8826	-CCV1		5mL		
	1855		S8827	-CCV2				
	1925		S8828	9H26079-BS1				
	1951		S8829	-BLK1				1
	2024		S8830	RSH0760-01	H0760			1
	2047		S8831	02				1
	2112		S8832	03				1
	2138		S8833	04				1
	2204		S8834	RSH0772-19	H0772			1
	2229		S8835	01				1
	2255		S8836	02				1
	2321		S8837	9H26079-MS1				1
	2346		S8838	-MSD1				1
8/27/09	0012		S8839	05				1
	0037		S8840	06				1
	0103		S8841	07				1
	0129		S8842	08				1
	0154		S8843	09				1
	0220		S8844	10				1
	0245		S8845	11				1
	0311		S8846	12				1
	0336		S8847	13				1
	0402		S8848	14				1
	0427		S8849	15				1
	0453		S8850	16				1
	0518		S8851	17				1
	0544		S8852	18				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A09-04-04

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	9070904 / 9061658		X	
			X	
			X	
			X	
9070856 = 9070899			—	RSH0657-10MS@25x
9070856 = 9070899			—	-10MSD @25x
9080103			—	PASS
9080309, 9080332, 9080958 = 9081014	9070904		—	8260 (R962906)
9080642	9061658		—	8DD (R962906-8DD)
9070895 (560mg)			—	
			—	
			X	
			X	
			X	
			X	
			X	
			X	
9070895			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSJ1399

Project Description
LMC - Utica, NY

For:

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

Candace L. Fox

Candace Fox
Project Manager
candace.fox@testamericainc.com
Thursday, November 5, 2009

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

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T10470441208-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
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 parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

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.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

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

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

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to the lab MDL. It must be noted that results reported below lab standard quantitation limits (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

SpecificMethod	Analyte	Units	Client RL	Lab PQL
8260B	1,1,1-Trichloroethane	ug/L	0.40	1.0
8260B	1,1-Dichloroethane	ug/L	0.75	1.0
8260B	1,2-Dichlorobenzene	ug/L	0.50	1.0
8260B	1,3-Dichlorobenzene	ug/L	0.40	1.0
8260B	1,4-Dichlorobenzene	ug/L	0.40	1.0
8260B	Benzene	ug/L	0.41	1.0
8260B	Chlorobenzene	ug/L	0.40	1.0
8260B	Chloroethane	ug/L	0.40	1.0
8260B	cis-1,2-Dichloroethene	ug/L	0.40	1.0
8260B	Ethylbenzene	ug/L	0.40	1.0
8260B	m-Xylene & p-Xylene	ug/L	1.0	2.0
8260B	o-Xylene	ug/L	0.40	1.0
8260B	Tetrachloroethene	ug/L	0.40	1.0
8260B	Toluene	ug/L	0.60	1.0
8260B	trans-1,2-Dichloroethene	ug/L	0.42	1.0
8260B	Trichloroethene	ug/L	0.46	1.0
8260B	Xylenes, total	ug/L	1.0	2.0

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DATA QUALIFIERS AND DEFINITIONS

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.

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-01 (MW-D - Water)						**Sampled: 10/26/09 11:30**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**56**		0.40	0.38	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
trans-1,2-Dichloroethene	**0.81**		0.42	0.42	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Trichloroethene	**3.3**		0.46	0.46	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Vinyl chloride	**18**		1.0	0.24	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Sample ID: RSJ1399-02 (DUP-1 - Water)						**Sampled: 10/26/09**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**58**		0.40	0.38	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
trans-1,2-Dichloroethene	**0.96**		0.42	0.42	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Trichloroethene	**3.6**		0.46	0.46	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Vinyl chloride	**20**		1.0	0.24	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Sample ID: RSJ1399-03 (MW-E - Water)						**Sampled: 10/26/09 12:00**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**7.1**		0.40	0.26	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,1-Dichloroethane	**2.5**		0.75	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**9.0**		0.40	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Trichloroethene	**23**		0.46	0.46	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Sample ID: RSJ1399-04 (MW-F - Water)						**Sampled: 10/26/09 12:40**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**1.2**		0.40	0.26	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**3.2**		0.40	0.38	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Trichloroethene	**30**		0.46	0.46	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Vinyl chloride	**0.54**	J	1.0	0.24	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Sample ID: RSJ1399-07 (DOT MW-1 - Water)						**Sampled: 10/26/09 13:20**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	**7.9**		0.40	0.38	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Sample ID: RSJ1399-08 (PW-1 - Water)						**Sampled: 10/26/09 15:06**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichlorobenzene	**0.51**		0.50	0.20	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**1.5**		0.40	0.38	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Trichloroethene	**2.5**		0.46	0.46	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MW-D	RSJ1399-01	Water	10/26/09 11:30	10/27/09 09:00	
DUP-1	RSJ1399-02	Water	10/26/09	10/27/09 09:00	
MW-E	RSJ1399-03	Water	10/26/09 12:00	10/27/09 09:00	
MW-F	RSJ1399-04	Water	10/26/09 12:40	10/27/09 09:00	
DOT MW-1	RSJ1399-07	Water	10/26/09 13:20	10/27/09 09:00	
PW-1	RSJ1399-08	Water	10/26/09 15:06	10/27/09 09:00	
TRIP BLANK	RSJ1399-09	Water	10/26/09	10/27/09 09:00	

ARCADIS U.S., Inc. - Albany, NY
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Work Order: RSJ1399

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Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-01 (MW-D - Water)						**Sampled: 10/26/09 11:30**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**56**		0.40	0.38	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
trans-1,2-Dichloroethene	**0.81**		0.42	0.42	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Trichloroethene	**3.3**		0.46	0.46	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Vinyl chloride	**18**		1.0	0.24	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 22:14	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*97 %*		*Surr Limits: (73-120%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/02/09 22:14*	*NMD*	*9K02110*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
465 New Karner Road
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Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-02 (DUP-1 - Water)						**Sampled: 10/26/09**			**Recvd: 10/27/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**58**		0.40	0.38	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
trans-1,2-Dichloroethene	**0.96**		0.42	0.42	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Trichloroethene	**3.6**		0.46	0.46	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Vinyl chloride	**20**		1.0	0.24	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 22:37	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*11/02/09 22:37*	*NMD*	*9K02110*	*8260B*

ARCADIS U.S., Inc. - Albany, NY
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Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-03 (MW-E - Water)						**Sampled: 10/26/09 12:00**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**7.1**		0.40	0.26	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,1-Dichloroethane	**2.5**		0.75	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**9.0**		0.40	0.38	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Trichloroethene	**23**		0.46	0.46	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:00	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/02/09 23:00*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-04 (MW-F - Water)						**Sampled: 10/26/09 12:40**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**1.2**		0.40	0.26	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**3.2**		0.40	0.38	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Trichloroethene	**30**		0.46	0.46	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Vinyl chloride	**0.54**	J	1.0	0.24	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:23	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*102 %*		*Surr Limits: (66-137%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*101 %*		*Surr Limits: (73-120%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*11/02/09 23:23*	*NMD*	*9K02110*	*8260B*

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

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-07 (DOT MW-1 - Water)						**Sampled: 10/26/09 13:20**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**7.9**		0.40	0.38	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/02/09 23:46	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*101 %*		*Surr Limits: (66-137%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (73-120%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*11/02/09 23:46*	*NMD*	*9K02110*	*8260B*

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Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-08 (PW-1 - Water)						**Sampled: 10/26/09 15:06**		**Recvd: 10/27/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,2-Dichlorobenzene	**0.51**		0.50	0.20	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
cis-1,2-Dichloroethene	**1.5**		0.40	0.38	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Trichloroethene	**2.5**		0.46	0.46	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/03/09 00:08	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits: (66-137%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*99 %*		*Surr Limits: (73-120%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*11/03/09 00:08*	*NMD*	*9K02110*	*8260B*

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Work Order: RSJ1399

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Reported: 11/05/09 14:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1399-09 (TRIP BLANK - Water)						**Sampled: 10/26/09**			**Recvd: 10/27/09 09:00**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.40	0.26	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,1-Dichloroethane	ND		0.75	0.38	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,3-Dichlorobenzene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,4-Dichlorobenzene	ND		0.40	0.39	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Benzene	ND		0.41	0.41	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Chlorobenzene	ND		0.40	0.32	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Chloroethane	ND		0.40	0.32	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
cis-1,2-Dichloroethene	ND		0.40	0.38	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Ethylbenzene	ND		0.40	0.18	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
m-Xylene & p-Xylene	ND		1.0	0.66	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
o-Xylene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Tetrachloroethene	ND		0.40	0.36	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Toluene	ND		0.60	0.51	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
trans-1,2-Dichloroethene	ND		0.42	0.42	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Trichloroethene	ND		0.46	0.46	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
Xylenes, total	ND		1.0	0.66	ug/L	1.00	11/03/09 00:31	NMD	9K02110	8260B
1,2-Dichloroethane-d4	*104 %*		*Surr Limits: (66-137%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*
4-Bromofluorobenzene	*97 %*		*Surr Limits: (73-120%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*11/03/09 00:31*	*NMD*	*9K02110*	*8260B*

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

Work Order: RSJ1399

Project: LMC - Utica, NY
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Reported: 11/05/09 14:08

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	9K02110	RSJ1399-01	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-02	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-03	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-04	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-07	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-08	5.00	mL	5.00	mL	11/02/09 19:29	NMD	5030B MS
8260B	9K02110	RSJ1399-09	5.00	mL	5.00	mL	11/02/09 19:29	NMD	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: 11/02/09 (Lab Number:9K02110-BLK1, Batch: 9K02110)											
1,1,1-Trichloroethane			0.40	0.26	ug/L	ND					
1,1-Dichloroethane			0.75	0.38	ug/L	ND					
1,2-Dichlorobenzene			0.50	0.20	ug/L	ND					
1,3-Dichlorobenzene			0.40	0.36	ug/L	ND					
1,4-Dichlorobenzene			0.40	0.39	ug/L	ND					
Benzene			0.41	0.41	ug/L	ND					
Chlorobenzene			0.40	0.32	ug/L	ND					
Chloroethane			0.40	0.32	ug/L	ND					
cis-1,2-Dichloroethene			0.40	0.38	ug/L	ND					
Ethylbenzene			0.40	0.18	ug/L	ND					
m-Xylene & p-Xylene			1.0	0.66	ug/L	ND					
o-Xylene			0.40	0.36	ug/L	ND					
Tetrachloroethene			0.40	0.36	ug/L	ND					
Toluene			0.60	0.51	ug/L	ND					
trans-1,2-Dichloroethene			0.42	0.42	ug/L	ND					
Trichloroethene			0.46	0.46	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			1.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*88*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*96*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*97*	*71-126*			
LCS Analyzed: 11/02/09 (Lab Number:9K02110-BS1, Batch: 9K02110)											
1,1,1-Trichloroethane		25.0	0.40	0.26	ug/L	26.3	105	73-126			
1,1-Dichloroethane		25.0	0.75	0.38	ug/L	26.6	106	71-129			
1,2-Dichlorobenzene		25.0	0.50	0.20	ug/L	24.7	99	77-120			
1,3-Dichlorobenzene		25.0	0.40	0.36	ug/L	25.5	102	77-120			
1,4-Dichlorobenzene		25.0	0.40	0.39	ug/L	25.0	100	75-120			
Benzene		25.0	0.41	0.41	ug/L	26.1	104	71-124			
Chlorobenzene		25.0	0.40	0.32	ug/L	25.2	101	72-120			
Chloroethane		25.0	0.40	0.32	ug/L	27.2	109	69-136			
cis-1,2-Dichloroethene		25.0	0.40	0.38	ug/L	26.6	106	74-124			
Ethylbenzene		25.0	0.40	0.18	ug/L	25.0	100	77-123			
m-Xylene & p-Xylene		50.0	1.0	0.66	ug/L	50.2	100	76-122			
o-Xylene		25.0	0.40	0.36	ug/L	25.6	102	76-122			
Tetrachloroethene		25.0	0.40	0.36	ug/L	24.3	97	74-122			
Toluene		25.0	0.60	0.51	ug/L	24.6	98	70-122			

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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: 11/02/09 (Lab Number:9K02110-BS1, Batch: 9K02110)											
trans-1,2-Dichloroethene		25.0	0.42	0.42	ug/L	27.2	109	73-127			
Trichloroethene		25.0	0.46	0.46	ug/L	25.6	102	74-123			
Vinyl chloride		25.0	1.0	0.24	ug/L	26.0	104	65-133			
Xylenes, total		75.0	1.0	0.66	ug/L	75.8	101	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*99*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*98*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*98*	*71-126*			
Matrix Spike Analyzed: 11/03/09 (Lab Number:9K02110-MS1, Batch: 9K02110)											
QC Source Sample: RSJ1399-04											
1,1,1-Trichloroethane	1.15	25.0	0.40	0.26	ug/L	32.2	124	73-126			
1,1-Dichloroethane	ND	25.0	0.75	0.38	ug/L	29.7	119	71-129			
1,2-Dichlorobenzene	ND	25.0	0.50	0.20	ug/L	24.7	99	77-120			
1,3-Dichlorobenzene	ND	25.0	0.40	0.36	ug/L	24.3	97	77-120			
1,4-Dichlorobenzene	ND	25.0	0.40	0.39	ug/L	24.0	96	75-120			
Benzene	ND	25.0	0.41	0.41	ug/L	27.9	111	71-124			
Chlorobenzene	ND	25.0	0.40	0.32	ug/L	25.9	103	72-120			
Chloroethane	ND	25.0	0.40	0.32	ug/L	27.1	108	69-136			
cis-1,2-Dichloroethene	3.22	25.0	0.40	0.38	ug/L	33.2	120	74-124			
Ethylbenzene	ND	25.0	0.40	0.18	ug/L	26.7	107	77-123			
m-Xylene & p-Xylene	ND	50.0	1.0	0.66	ug/L	53.3	107	76-122			
o-Xylene	ND	25.0	0.40	0.36	ug/L	27.0	108	76-122			
Tetrachloroethene	ND	25.0	0.40	0.36	ug/L	25.4	102	74-122			
Toluene	ND	25.0	0.60	0.51	ug/L	24.8	99	70-122			
trans-1,2-Dichloroethene	ND	25.0	0.42	0.42	ug/L	29.7	119	73-127			
Trichloroethene	30.0	25.0	0.46	0.46	ug/L	60.6	122	74-123			
Vinyl chloride	0.540	25.0	1.0	0.24	ug/L	24.8	97	65-133			
Xylenes, total	ND	75.0	1.0	0.66	ug/L	80.2	107	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*111*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*101*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*95*	*71-126*			
Matrix Spike Dup Analyzed: 11/03/09 (Lab Number:9K02110-MSD1, Batch: 9K02110)											
QC Source Sample: RSJ1399-04											
1,1,1-Trichloroethane	1.15	25.0	0.40	0.26	ug/L	31.6	122	73-126	2	15	
1,1-Dichloroethane	ND	25.0	0.75	0.38	ug/L	30.0	120	71-129	0.9	20	
1,2-Dichlorobenzene	ND	25.0	0.50	0.20	ug/L	25.6	102	77-120	4	20	

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

Work Order: RSJ1399

Project: LMC - Utica, NY
Project Number: AGM

Received: 10/27/09
Reported: 11/05/09 14:08

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: 11/03/09 (Lab Number:9K02110-MSD1, Batch: 9K02110)											
QC Source Sample: RSJ1399-04											
1,3-Dichlorobenzene	ND	25.0	0.40	0.36	ug/L	24.5	98	77-120	0.8	20	
1,4-Dichlorobenzene	ND	25.0	0.40	0.39	ug/L	24.2	97	75-120	0.5	20	
Benzene	ND	25.0	0.41	0.41	ug/L	27.1	109	71-124	3	13	
Chlorobenzene	ND	25.0	0.40	0.32	ug/L	25.4	101	72-120	2	25	
Chloroethane	ND	25.0	0.40	0.32	ug/L	30.1	120	69-136	10	15	
cis-1,2-Dichloroethene	3.22	25.0	0.40	0.38	ug/L	33.5	121	74-124	0.9	15	
Ethylbenzene	ND	25.0	0.40	0.18	ug/L	26.4	106	77-123	1	15	
m-Xylene & p-Xylene	ND	50.0	1.0	0.66	ug/L	50.3	101	76-122	6	16	
o-Xylene	ND	25.0	0.40	0.36	ug/L	26.0	104	76-122	3	16	
Tetrachloroethene	ND	25.0	0.40	0.36	ug/L	25.7	103	74-122	1	20	
Toluene	ND	25.0	0.60	0.51	ug/L	25.2	101	70-122	2	15	
trans-1,2-Dichloroethene	ND	25.0	0.42	0.42	ug/L	31.0	124	73-127	4	20	
Trichloroethene	30.0	25.0	0.46	0.46	ug/L	60.4	121	74-123	0.4	16	
Vinyl chloride	0.540	25.0	1.0	0.24	ug/L	27.3	107	65-133	9	15	
Xylenes, total	ND	75.0	1.0	0.66	ug/L	76.3	102	76-122	5	16	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*110*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*96*	*71-126*			

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Arcadis	Project Manager: Chris Motta / Jeff Boostedt	Date: 10/26/09	Chain of Custody Number: 158907
Address: 465 New Karner Rd	Telephone Number (Area Code)/Fax Number: 518 452 7826 / 452 7086	Lab Number:	Page 1 of 1
City: Albany	State: NY Zip Code: 12205	Site Contact: K. Bidwell	Lab Contact: C. Fox
Project Name and Location (State): LMC - West Lot Utica NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: NJ00007.0001			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	SEL VOCs 8260	Special Instructions/ Conditions of Receipt
MW-D	10/26/09	1130		✓						✓			2	* 5 Day TAT
Dup-1		—		✓						✓			2	
MW-E		1200		✓						✓			2	NYS ASP
MW-F		1240		✓						✓			2	CAT B
MW-F MS		1240		✓						✓			2	EPA Level IV
MW-F MSD		1240		✓						✓			2	
DOT MW-1		1320		✓						✓			2	Questions
PW-1	↓	1506		✓						✓			2	Call Jeff
Trip Blank	—	—		✓						✓			1	Boostedt @
														518 452 7826

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 5 Day

QC Requirements (Specify)

	Date	Time
1. Relinquished By: Katie Bidwell	10/26/09	1620
2. Relinquished By:		
3. Relinquished By:		

	Date	Time
1. Received By:	10-27-09	0900
2. Received By:		
3. Received By:		

Comments:

2.5°C

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

TestAmerica Buffalo
SDG:
CLASS: VOA
METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: TestAmerica Buffalo

SDG:

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

Project: Arcadis, Geraghty & Miller - NY9A8463

Client Sample Id:	Lab Sample Id:
MW-D	RSJ1399-01
DUP-1	RSJ1399-02
MW-E	RSJ1399-03
MW-F	RSJ1399-04
DOT MW-1	RSJ1399-07
PW-1	RSJ1399-08
TRIP BLANK	RSJ1399-09

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: RK90223
Instrument: HP5973G
Matrix: Water
Calibration: R9K0205

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (9K02110-BLK1)			Lab File ID: G5665.D		Analyzed: 11/02/09 21:48			
1,2-Dichloroethane-d4	25.0	88	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	96	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	97	71 - 126	6.85	6.85	0.0000	+/-1.0	
LCS (9K02110-BS1)			Lab File ID: G5664.D		Analyzed: 11/02/09 21:03			
1,2-Dichloroethane-d4	25.0	99	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	98	71 - 126	6.85	6.85	0.0000	+/-1.0	
Matrix Spike (9K02110-MS1)			Lab File ID: G5685.D		Analyzed: 11/03/09 05:29			
1,2-Dichloroethane-d4	25.0	111	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	101	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.85	6.85	0.0000	+/-1.0	
Matrix Spike Dup (9K02110-MSD1)			Lab File ID: G5686.D		Analyzed: 11/03/09 05:52			
1,2-Dichloroethane-d4	25.0	110	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	104	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	96	71 - 126	6.85	6.85	0.0000	+/-1.0	
MW-D (RSJ1399-01)			Lab File ID: G5666.D		Analyzed: 11/02/09 22:14			
1,2-Dichloroethane-d4	25.0	97	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	97	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.85	6.85	0.0000	+/-1.0	
DUP-1 (RSJ1399-02)			Lab File ID: G5667.D		Analyzed: 11/02/09 22:37			
1,2-Dichloroethane-d4	25.0	101	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	90	71 - 126	6.85	6.85	0.0000	+/-1.0	
MW-E (RSJ1399-03)			Lab File ID: G5668.D		Analyzed: 11/02/09 23:00			
1,2-Dichloroethane-d4	25.0	101	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.85	6.85	0.0000	+/-1.0	
MW-F (RSJ1399-04)			Lab File ID: G5669.D		Analyzed: 11/02/09 23:23			
1,2-Dichloroethane-d4	25.0	102	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	101	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	94	71 - 126	6.85	6.85	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:	RK90223	Instrument:	HP5973G
Matrix:	Water	Calibration:	R9K0205

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
DOT MW-1 (RSJ1399-07)			Lab File ID: G5670.D		Analyzed: 11/02/09 23:46			
1,2-Dichloroethane-d4	25.0	101	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	98	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	96	71 - 126	6.85	6.85	0.0000	+/-1.0	
PW-1 (RSJ1399-08)			Lab File ID: G5671.D		Analyzed: 11/03/09 00:08			
1,2-Dichloroethane-d4	25.0	109	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	99	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	95	71 - 126	6.85	6.85	0.0000	+/-1.0	
TRIP BLANK (RSJ1399-09)			Lab File ID: G5672.D		Analyzed: 11/03/09 00:31			
1,2-Dichloroethane-d4	25.0	104	66 - 137	5.06	5.06	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	97	73 - 120	9.58	9.581667	-0.0017	+/-1.0	
Toluene-d8	25.0	93	71 - 126	6.85	6.85	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:	9110117
Batch:	9K02110	Laboratory ID:	9K02110-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	26.3	105	73 - 126
1,1-Dichloroethane	25.0	ug/L	26.6	106	71 - 129
1,2-Dichlorobenzene	25.0	ug/L	24.7	99	77 - 120
1,3-Dichlorobenzene	25.0	ug/L	25.5	102	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	25.0	100	75 - 120
Benzene	25.0	ug/L	26.1	104	71 - 124
Chlorobenzene	25.0	ug/L	25.2	101	72 - 120
Chloroethane	25.0	ug/L	27.2	109	69 - 136
cis-1,2-Dichloroethene	25.0	ug/L	26.6	106	74 - 124
Ethylbenzene	25.0	ug/L	25.0	100	77 - 123
m-Xylene & p-Xylene	50.0	ug/L	50.2	100	76 - 122
o-Xylene	25.0	ug/L	25.6	102	76 - 122
Tetrachloroethene	25.0	ug/L	24.3	97	74 - 122
Toluene	25.0	ug/L	24.6	98	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	27.2	109	73 - 127
Trichloroethene	25.0	ug/L	25.6	102	74 - 123
Vinyl chloride	25.0	ug/L	26.0	104	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

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

MW-F

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	9110091
Batch:	9K02110	Laboratory ID:	9K02110-MS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-F

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	1.15	32.2	124	73 - 126
1,1-Dichloroethane	25.0	ug/L	ND	29.7	119	71 - 129
1,2-Dichlorobenzene	25.0	ug/L	ND	24.7	99	77 - 120
1,3-Dichlorobenzene	25.0	ug/L	ND	24.3	97	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	ND	24.0	96	75 - 120
Benzene	25.0	ug/L	ND	27.9	111	71 - 124
Chlorobenzene	25.0	ug/L	ND	25.9	103	72 - 120
Chloroethane	25.0	ug/L	ND	27.1	108	69 - 136
cis-1,2-Dichloroethene	25.0	ug/L	3.22	33.2	120	74 - 124
Ethylbenzene	25.0	ug/L	ND	26.7	107	77 - 123
m-Xylene & p-Xylene	50.0	ug/L	ND	53.3	107	76 - 122
o-Xylene	25.0	ug/L	ND	27.0	108	76 - 122
Tetrachloroethene	25.0	ug/L	ND	25.4	102	74 - 122
Toluene	25.0	ug/L	ND	24.8	99	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	ND	29.7	119	73 - 127
Trichloroethene	25.0	ug/L	30.0	60.6	122	74 - 123
Vinyl chloride	25.0	ug/L	0.540	24.8	97	65 - 133
Xylenes, total	75.0	ug/L	ND	80.2	107	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	31.6	122	2	15	73 - 126
1,1-Dichloroethane	25.0	ug/L	30.0	120	0.9	20	71 - 129
1,2-Dichlorobenzene	25.0	ug/L	25.6	102	4	20	77 - 120
1,3-Dichlorobenzene	25.0	ug/L	24.5	98	0.8	20	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	24.2	97	0.5	20	75 - 120
Benzene	25.0	ug/L	27.1	109	3	13	71 - 124
Chlorobenzene	25.0	ug/L	25.4	101	2	25	72 - 120
Chloroethane	25.0	ug/L	30.1	120	10	15	69 - 136
cis-1,2-Dichloroethene	25.0	ug/L	33.5	121	0.9	15	74 - 124
Ethylbenzene	25.0	ug/L	26.4	106	1	15	77 - 123
m-Xylene & p-Xylene	50.0	ug/L	50.3	101	6	16	76 - 122
o-Xylene	25.0	ug/L	26.0	104	3	16	76 - 122

Form 3

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-F

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Matrix:	Water	Spike standard:	9110091
Batch:	9K02110	Laboratory ID:	9K02110-MSD1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-F

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Tetrachloroethene	25.0	ug/L	25.7	103	1	20	74 - 122
Toluene	25.0	ug/L	25.2	101	2	15	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	31.0	124	4	20	73 - 127
Trichloroethene	25.0	ug/L	60.4	121	0.4	16	74 - 123
Vinyl chloride	25.0	ug/L	27.3	107	9	15	65 - 133
Xylenes, total	75.0	ug/L	76.3	102	5	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: 9K02110 Batch Matrix: Water Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	9K02110-BLK1	5.00 mL	5.00 mL	11/02/09 19:29	N/A
LCS	9K02110-BS1	5.00 mL	5.00 mL	11/02/09 19:29	N/A
MW-F	9K02110-MS1	5.00 mL	5.00 mL	11/02/09 19:29	N/A
MW-F	9K02110-MSD1	5.00 mL	5.00 mL	11/02/09 19:29	N/A
MW-D	RSJ1399-01	5.00 mL	5.00 mL	11/02/09 19:29	N/A
DUP-1	RSJ1399-02	5.00 mL	5.00 mL	11/02/09 19:29	N/A
MW-E	RSJ1399-03	5.00 mL	5.00 mL	11/02/09 19:29	N/A
MW-F	RSJ1399-04	5.00 mL	5.00 mL	11/02/09 19:29	N/A
DOT MW-1	RSJ1399-07	5.00 mL	5.00 mL	11/02/09 19:29	N/A
PW-1	RSJ1399-08	5.00 mL	5.00 mL	11/02/09 19:29	N/A
TRIP BLANK	RSJ1399-09	5.00 mL	5.00 mL	11/02/09 19:29	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:	G5651.D	Injection Date:	11/02/09
Instrument ID:	HP5973G	Injection Time:	12:25
Sequence:	RK90212	Lab Sample ID:	RK90212-TUN1
Calibration:	R9K0205		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.356	PASS
75	30 - 60% of 95	48.19	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.9944	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	78.7	PASS
175	5 - 9% of 174	7.5872	PASS
176	95 - 101% of 174	99.366	PASS
177	5 - 9% of 176	6.3602	PASS

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Sequence:	RK90212	Instrument:	HP5973G
Calibration:	R9K0205		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
9091452	BFB Working Standard	RK90212-TUN1	G5651.D	11/02/09 12:25
9110067	G Cal Mix - 1ppb - 11/02/09	RK90212-CAL1	G5653.D	11/02/09 13:11
9110068	G Cal Mix - 5ppb - 11/02/09	RK90212-CAL2	G5654.D	11/02/09 13:34
9110069	G Cal Mix - 10ppb - 11/02/09	RK90212-CAL3	G5655.D	11/02/09 13:56
9110070	G Cal Mix - 25ppb - 11/02/09	RK90212-CAL4	G5656.D	11/02/09 14:20
9110071	G Cal Mix - 50ppb - 11/02/09	RK90212-CAL5	G5657.D	11/02/09 14:42
9110072	G Cal Mix - 100ppb - 11/02/09	RK90212-CAL6	G5658.D	11/02/09 15:05

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:	G5661.D	Injection Date:	11/02/09
Instrument ID:	HP5973G	Injection Time:	19:56
Sequence:	RK90223	Lab Sample ID:	RK90223-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.414	PASS
75	30 - 60% of 95	47.907	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.6993	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	81.311	PASS
175	5 - 9% of 174	8.2066	PASS
176	95 - 101% of 174	98.04	PASS
177	5 - 9% of 176	6.9686	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: RK90223
Instrument: HP5973G
Calibration: R9K0205

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	RK90223-TUN1	G5661.D	11/02/09 19:56
Calibration Check	RK90223-CCV1	G5662.D	11/02/09 20:17
LCS	9K02110-BS1	G5664.D	11/02/09 21:03
Blank	9K02110-BLK1	G5665.D	11/02/09 21:48
MW-D	RSJ1399-01	G5666.D	11/02/09 22:14
DUP-1	RSJ1399-02	G5667.D	11/02/09 22:37
MW-E	RSJ1399-03	G5668.D	11/02/09 23:00
MW-F	RSJ1399-04	G5669.D	11/02/09 23:23
DOT MW-1	RSJ1399-07	G5670.D	11/02/09 23:46
PW-1	RSJ1399-08	G5671.D	11/03/09 00:08
TRIP BLANK	RSJ1399-09	G5672.D	11/03/09 00:31
MW-F	9K02110-MS1	G5685.D	11/03/09 05:29
MW-F	9K02110-MSD1	G5686.D	11/03/09 05:52

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: RK90223
Instrument: HP5973G
Matrix: Water
Calibration: R9K0205

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (RK90223-CCV1)			Lab File ID: G5662.D			Analyzed: 11/02/09 20:17			
1,4-Dichlorobenzene-d4	95566	10.72				50 - 200		+/-0.50	
1,4-Difluorobenzene	238310	5.45				50 - 200		+/-0.50	
Chlorobenzene-d5	118305	8.32				50 - 200		+/-0.50	
LCS (9K02110-BS1)			Lab File ID: G5664.D			Analyzed: 11/02/09 21:03			
1,4-Dichlorobenzene-d4	97958	10.73	95566	10.72	103	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	203296	5.45	238310	5.45	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	111588	8.33	118305	8.32	94	50 - 200	0.0100	+/-0.50	
Blank (9K02110-BLK1)			Lab File ID: G5665.D			Analyzed: 11/02/09 21:48			
1,4-Dichlorobenzene-d4	101355	10.73	95566	10.72	106	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	243445	5.45	238310	5.45	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	115103	8.32	118305	8.32	97	50 - 200	0.0000	+/-0.50	
MW-D (RSJ1399-01)			Lab File ID: G5666.D			Analyzed: 11/02/09 22:14			
1,4-Dichlorobenzene-d4	98871	10.73	95566	10.72	103	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	222011	5.45	238310	5.45	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	110665	8.32	118305	8.32	94	50 - 200	0.0000	+/-0.50	
DUP-1 (RSJ1399-02)			Lab File ID: G5667.D			Analyzed: 11/02/09 22:37			
1,4-Dichlorobenzene-d4	92170	10.73	95566	10.72	96	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	210577	5.45	238310	5.45	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	108165	8.33	118305	8.32	91	50 - 200	0.0100	+/-0.50	
MW-E (RSJ1399-03)			Lab File ID: G5668.D			Analyzed: 11/02/09 23:00			
1,4-Dichlorobenzene-d4	96090	10.73	95566	10.72	101	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	209039	5.45	238310	5.45	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	106319	8.33	118305	8.32	90	50 - 200	0.0100	+/-0.50	
MW-F (RSJ1399-04)			Lab File ID: G5669.D			Analyzed: 11/02/09 23:23			
1,4-Dichlorobenzene-d4	86273	10.73	95566	10.72	90	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	191501	5.45	238310	5.45	80	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	102811	8.33	118305	8.32	87	50 - 200	0.0100	+/-0.50	
DOT MW-1 (RSJ1399-07)			Lab File ID: G5670.D			Analyzed: 11/02/09 23:46			
1,4-Dichlorobenzene-d4	88704	10.73	95566	10.72	93	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	209547	5.45	238310	5.45	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	104644	8.32	118305	8.32	88	50 - 200	0.0000	+/-0.50	
PW-1 (RSJ1399-08)			Lab File ID: G5671.D			Analyzed: 11/03/09 00:08			
1,4-Dichlorobenzene-d4	88528	10.73	95566	10.72	93	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	198161	5.45	238310	5.45	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	101567	8.33	118305	8.32	86	50 - 200	0.0100	+/-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: RK90223
Instrument: HP5973G
Matrix: Water
Calibration: R9K0205

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
TRIP BLANK (RSJ1399-09)			Lab File ID: G5672.D			Analyzed: 11/03/09 00:31			
1,4-Dichlorobenzene-d4	87162	10.73	95566	10.72	91	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	187670	5.45	238310	5.45	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	99711	8.33	118305	8.32	84	50 - 200	0.0100	+/-0.50	
Matrix Spike (9K02110-MS1)			Lab File ID: G5685.D			Analyzed: 11/03/09 05:29			
1,4-Dichlorobenzene-d4	89429	10.73	95566	10.72	94	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	185887	5.45	238310	5.45	78	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	100896	8.33	118305	8.32	85	50 - 200	0.0100	+/-0.50	
Matrix Spike Dup (9K02110-MSD1)			Lab File ID: G5686.D			Analyzed: 11/03/09 05:52			
1,4-Dichlorobenzene-d4	89505	10.73	95566	10.72	94	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	176878	5.45	238310	5.45	74	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	99727	8.33	118305	8.32	84	50 - 200	0.0100	+/-0.50	

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:**

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

Matrix: Water **Instrument:** HP5973G

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.26	0.40	ug/L
1,1-Dichloroethane	0.38	0.75	ug/L
1,2-Dichlorobenzene	0.20	0.50	ug/L
1,3-Dichlorobenzene	0.36	0.40	ug/L
1,4-Dichlorobenzene	0.39	0.40	ug/L
Benzene	0.41	0.41	ug/L
Chlorobenzene	0.32	0.40	ug/L
Chloroethane	0.32	0.40	ug/L
cis-1,2-Dichloroethene	0.38	0.40	ug/L
Ethylbenzene	0.18	0.40	ug/L
m-Xylene & p-Xylene	0.66	1.0	ug/L
o-Xylene	0.36	0.40	ug/L
Tetrachloroethene	0.36	0.40	ug/L
Toluene	0.51	0.60	ug/L
trans-1,2-Dichloroethene	0.42	0.42	ug/L
Trichloroethene	0.46	0.46	ug/L
Vinyl chloride	0.24	1.0	ug/L
Xylenes, total	0.66	1.0	ug/L

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-D

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-01 File ID: G5666.D

Sampled: 10/26/09 11:30 Prepared: 11/02/09 19:29 Analyzed: 11/02/09 22:14

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	56	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.81	
79-01-6	Trichloroethene	1	3.3	
75-01-4	Vinyl chloride	1	18	
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	24.2	97	66 - 137	
4-Bromofluorobenzene	25.0	24.3	97	73 - 120	
Toluene-d8	25.0	23.9	95	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	98871	10.73	95566	10.72	
1,4-Difluorobenzene	222011	5.45	238310	5.45	
Chlorobenzene-d5	110665	8.32	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5666.D Vial: 5
Acq On : 2 Nov 2009 22:14 Operator: NMD
Sample : RSJ1399-01 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:30 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.45	114	222011	25.00	ug/L	0.00 93.16%
43) CI20 Chlorobenzene-D5	8.32	82	110665	25.00	ug/L	0.00 93.54%
63) CI30 1,4-Dichlorobenzene-	10.73	152	98871	25.00	ug/L	0.00 103.46%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.76	111	58802	24.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%			
31) CS15 1,2-Dichloroethane-D	5.06	65	62690	24.19	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 96.76%			
44) CS05 Toluene-D8	6.85	98	252516	23.87	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 95.48%			
62) CS10 p-Bromofluorobenzene	9.58	174	73096	24.27	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 97.08%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	1.25	85	70	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.51	62	57805	18.48	ug/L	88
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.60	96	475	N.D.		
9) C030 Methylene chloride	0.00	84	0	N.D.		
10) C040 Carbon disulfide	2.79	76	1672	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	0.00	43	0	N.D.		
14) C300 Acetonitrile	3.04	41	499	2.36	ug/L #	25
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	2.60	101	1033	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	3.34	96	3068	0.81	ug/L	93
19) C255 Methyl Acetate	3.04	43	1413	0.81	ug/L #	56
20) C050 1,1-Dichloroethane	3.75	63	184	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.29	96	224356	55.52	ug/L	93
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	5.07	78	2998	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	4.73	56	6054	0.97	ug/L	96
36) C150 Trichloroethene	5.68	95	12746	3.34	ug/L	97
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5666.D Vial: 5
Acq On : 2 Nov 2009 22:14 Operator: NMD
Sample : RSJ1399-01 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:30 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

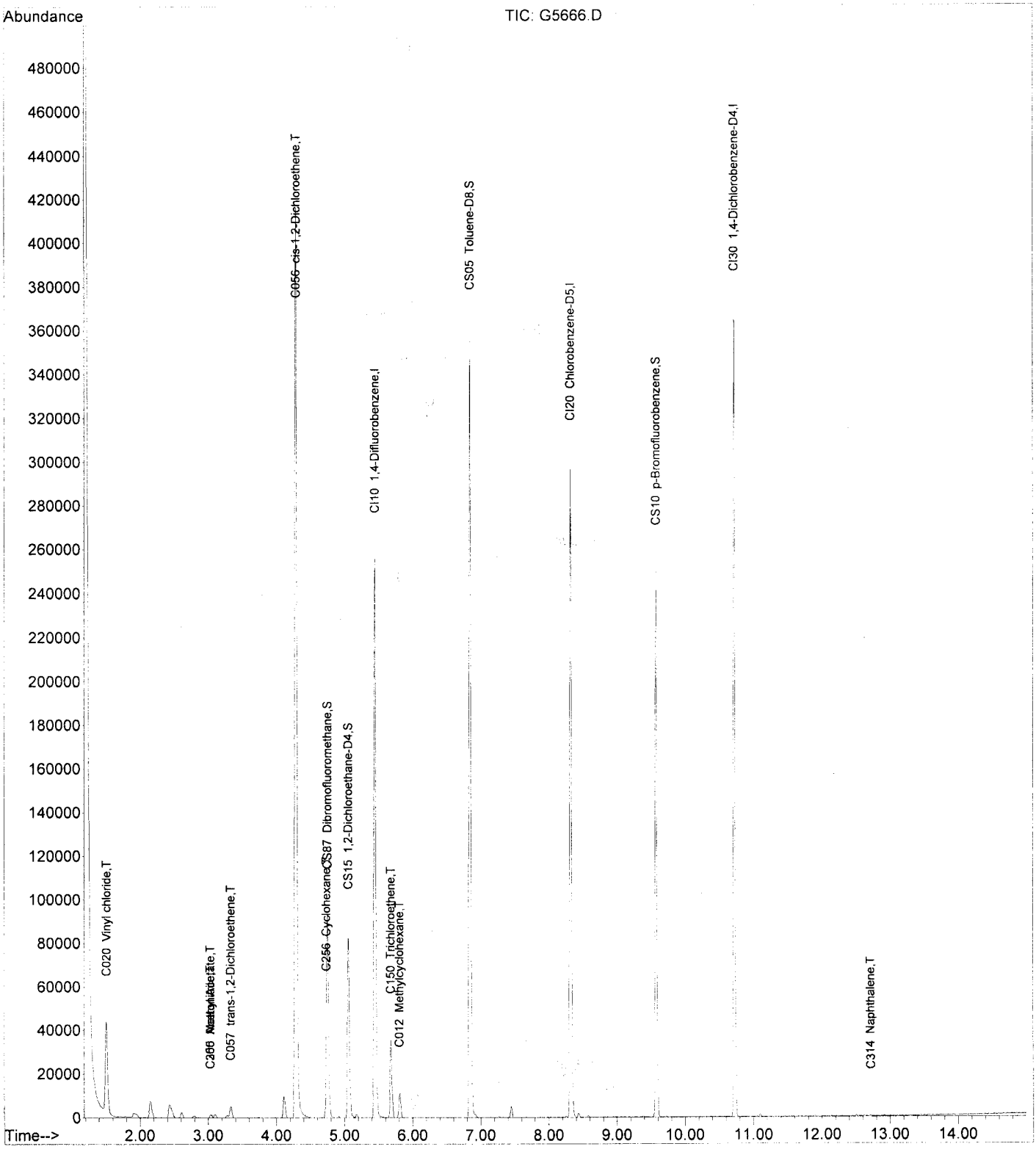
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.81	83	5347	0.74 ug/L	96
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.85	43	825	N.D.	
50) C220	Tetrachloroethene	7.45	166	1909	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.58	91	839	N.D.	
58) C246	m,p-Xylene	8.58	106	411	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.38	105	647	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.58	91	61	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	11.10	146	723	N.D.	
80) C310	n-Butylbenzene	11.05	91	117	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.51	180	267	N.D.	
83) C316	Hexachlorobutadien	12.63	225	228	N.D.	
84) C314	Naphthalene	12.72	128	392	0.78 ug/L	77
85) C934	1,2,3-Trichloroben	12.91	180	238	N.D.	

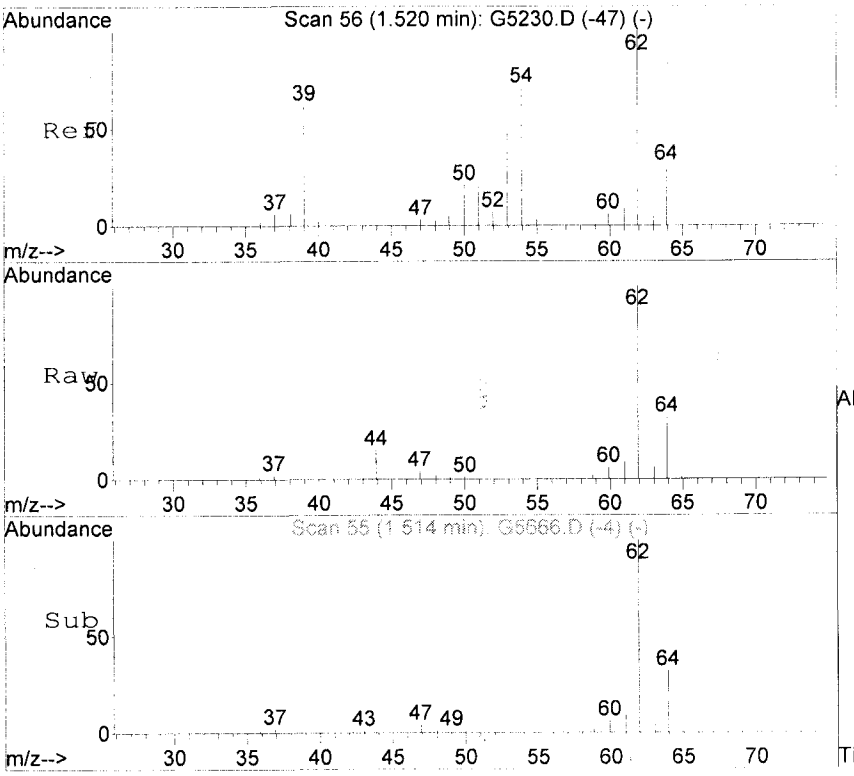
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDCHEM\G\DATA\110209\G5666.D
Acq On : 2 Nov 2009 22:14
Sample : RSJ1399-01
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Quant Time: Nov 03 09:02:30 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

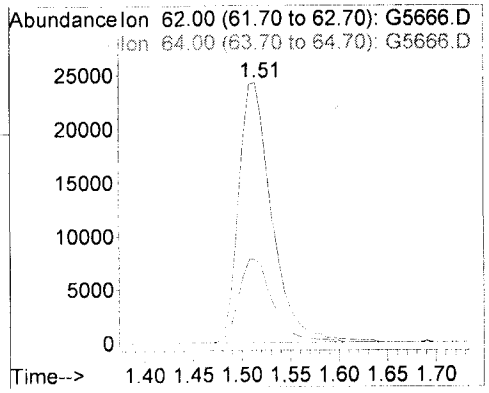


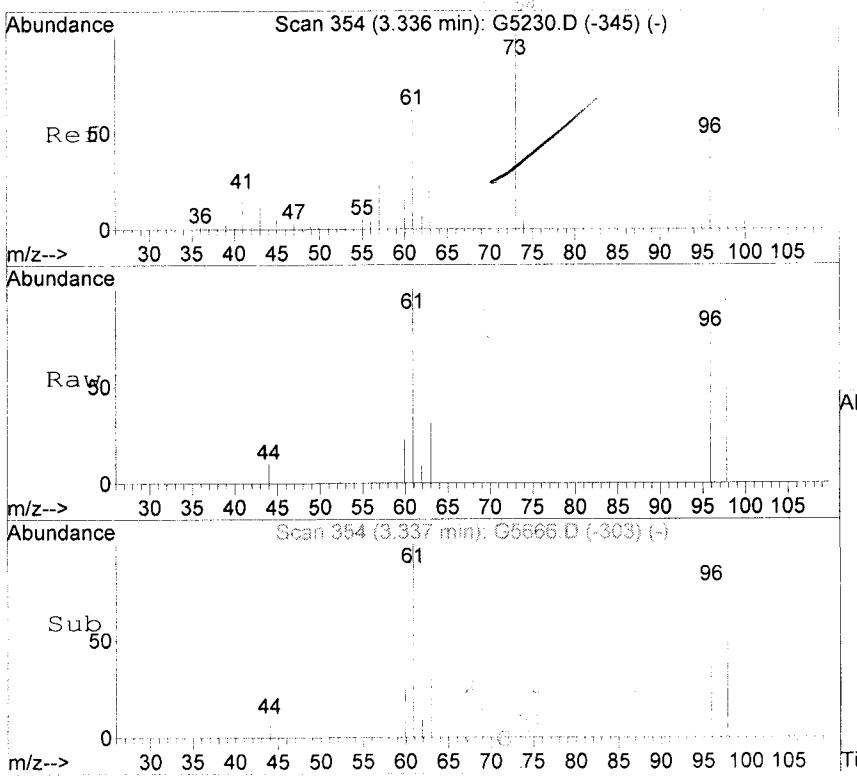


#4
C020 Vinyl chloride
Concen: 18.48 ug/L
RT: 1.51 min Scan# 55
Delta R.T. 0.01 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 62 Resp: 57805

Ion	Ratio	Lower	Upper
62	100		
64	31.9	9.4	69.4

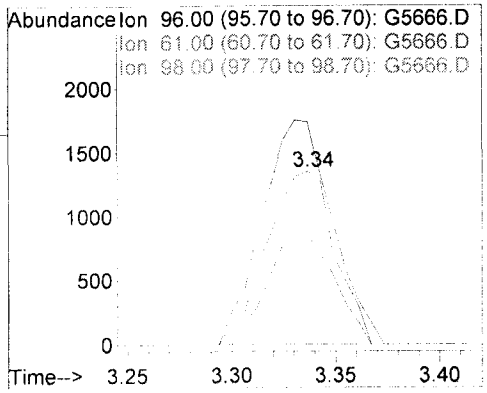


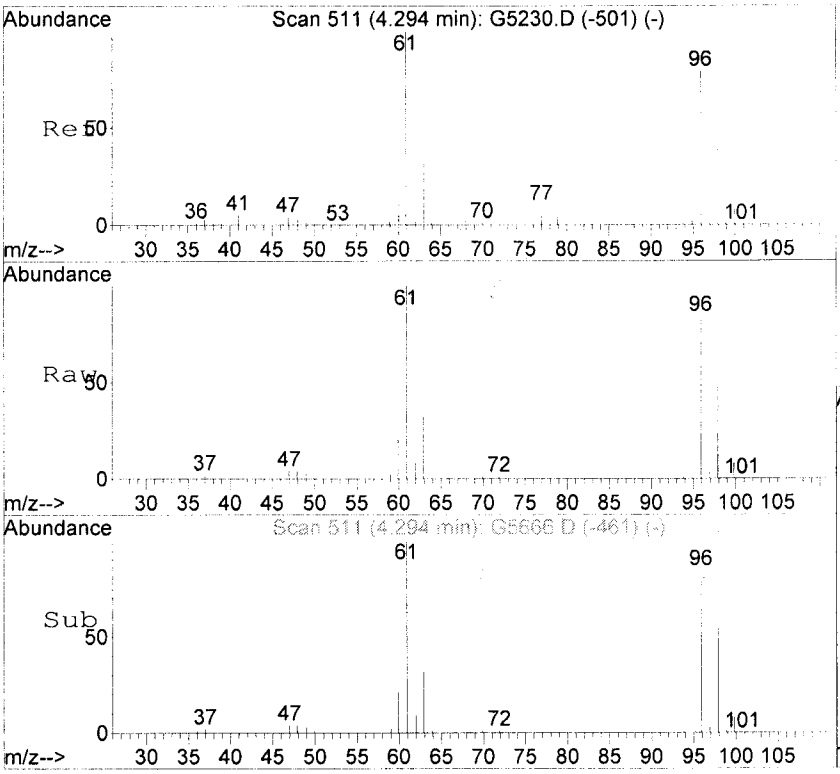


#18
C057 trans-1,2-Dichloroethene
Concen: 0.81 ug/L
RT: 3.34 min Scan# 354
Delta R.T. 0.01 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 96 Resp: 3068

Ion	Ratio	Lower	Upper
96	100		
61	128.9	111.5	171.5
98	63.0	33.0	93.0

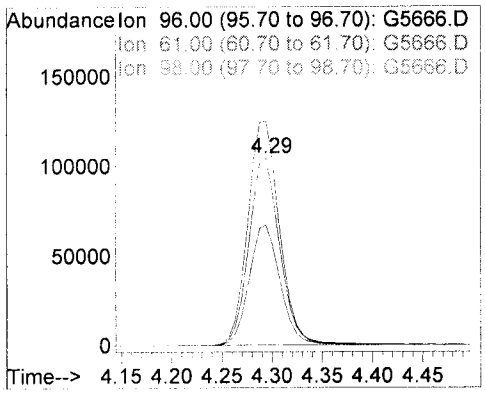


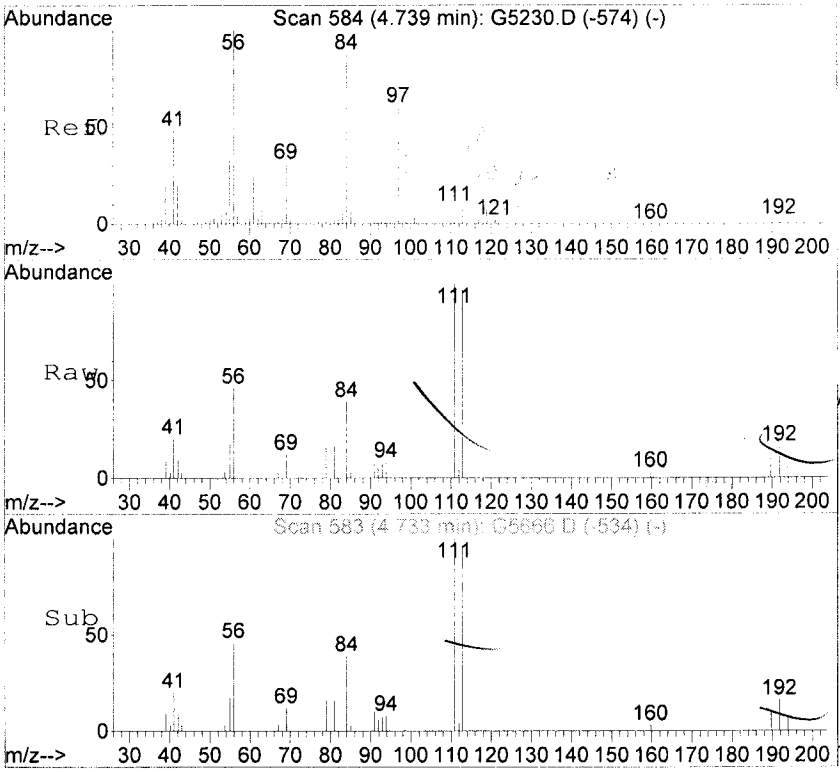


#23
C056 cis-1,2-Dichloroethene
Concen: 55.52 ug/L
RT: 4.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 96 Resp: 224356

Ion	Ratio	Lower	Upper
96	100		
61	119.7	99.9	159.9
98	64.3	31.8	91.8

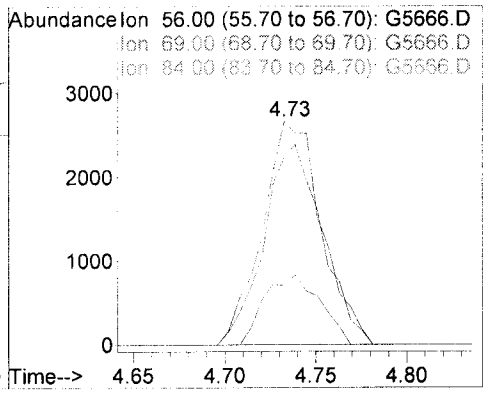


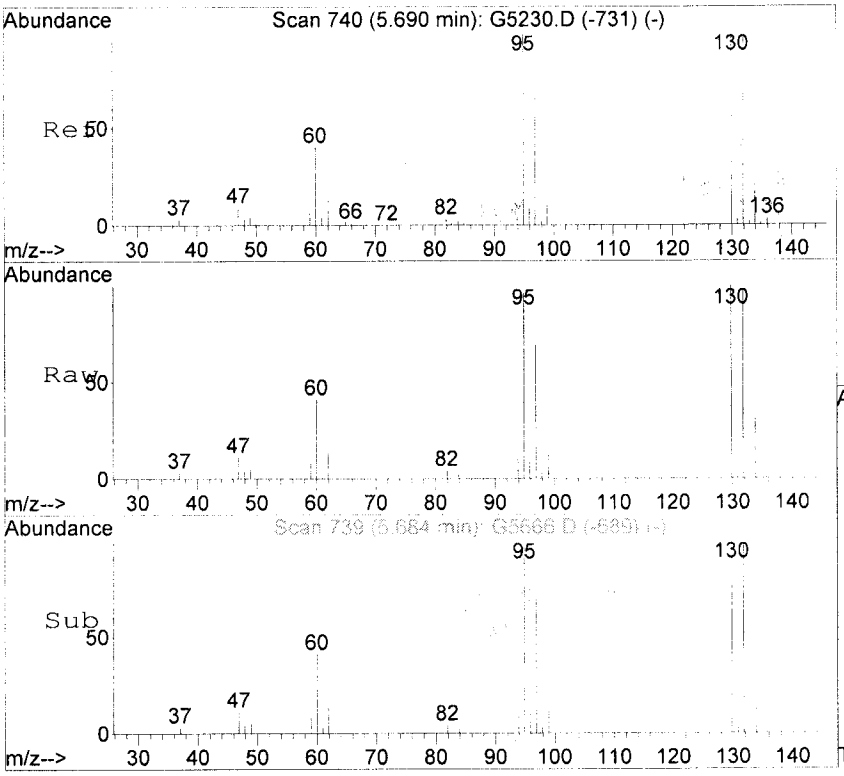


#35
C256 Cyclohexane
Concen: 0.97 ug/L
RT: 4.73 min Scan# 583
Delta R.T. -0.00 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 56 Resp: 6054

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	87.8	66.2	99.4

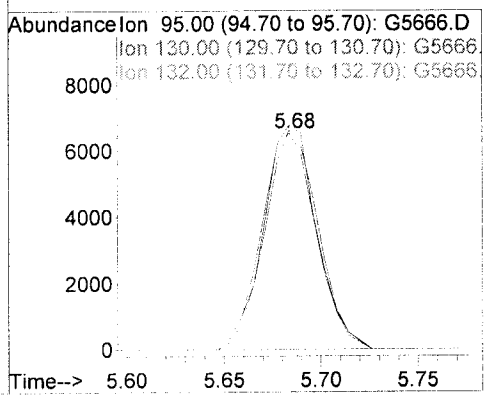


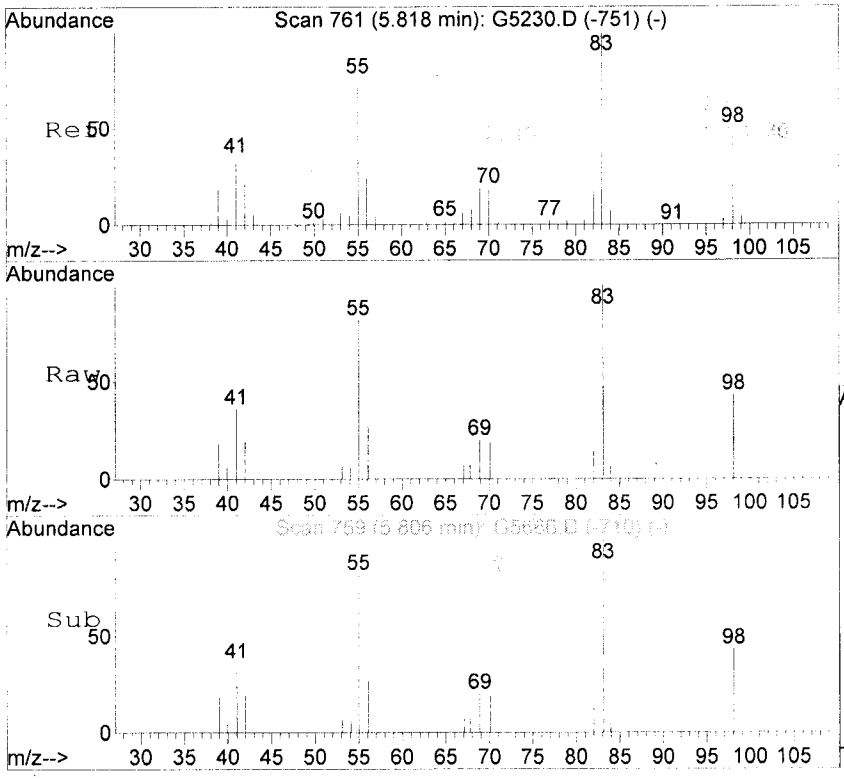


#36
C150 Trichloroethene
Concen: 3.34 ug/L
RT: 5.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 95 Resp: 12746

Ion	Ratio	Lower	Upper
95	100		
130	103.9	77.6	137.6
132	101.3	72.8	132.8

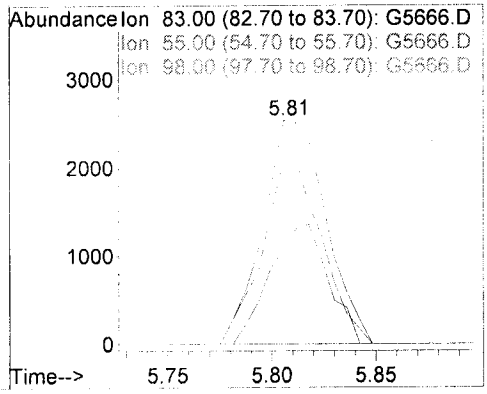




#41
C012 Methylcyclohexane
Concen: 0.74 ug/L
RT: 5.81 min Scan# 759
Delta R.T. -0.00 min
Lab File: G5666.D
Acq: 2 Nov 2009 22:14

Tgt Ion: 83 Resp: 5347

Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.8	98.6
98	49.1	40.2	60.4



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

DUP-1

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-02 File ID: G5667.D

Sampled: 10/26/09 00:00 Prepared: 11/02/09 19:29 Analyzed: 11/02/09 22:37

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	58	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.96	
79-01-6	Trichloroethene	1	3.6	
75-01-4	Vinyl chloride	1	20	
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.2	101	66 - 137	
4-Bromofluorobenzene	25.0	24.5	98	73 - 120	
Toluene-d8	25.0	22.5	90	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	92170	10.73	95566	10.72	
1,4-Difluorobenzene	210577	5.45	238310	5.45	
Chlorobenzene-d5	108165	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5667.D Vial: 6
Acq On : 2 Nov 2009 22:37 Operator: NMD
Sample : RSJ1399-02 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:35 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

11/03/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	210577	25.00	ug/L	0.00 88.36%
43) CI20	Chlorobenzene-D5	8.33	82	108165	25.00	ug/L	0.00 91.43%
63) CI30	1,4-Dichlorobenzene-	10.73	152	92170	25.00	ug/L	0.00 96.45%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	56519	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%	
31) CS15	1,2-Dichloroethane-D	5.06	65	61825	25.16	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	100.64%	
44) CS05	Toluene-D8	6.85	98	232229	22.46	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	89.84%	
62) CS10	p-Bromofluorobenzene	9.58	174	72062	24.48	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	97.92%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.51	62	58769	19.80	ug/L	88
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.60	96	548	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.79	76	1143	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.78	43	61	N.D.		
14) C300	Acetonitrile	3.04	41	578	2.88	ug/L #	25
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	2.62	101	1121	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.33	96	3464	0.96	ug/L	92
19) C255	Methyl Acetate	3.04	43	1580	0.96	ug/L #	56
20) C050	1,1-Dichloroethane	3.75	63	63	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.29	96	221401	57.77	ug/L	95
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	4.60	83	68	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.07	78	2739	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.74	56	5788	0.98	ug/L	88
36) C150	Trichloroethene	5.68	95	13128	3.63	ug/L	98
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

11/4/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5667.D Vial: 6
Acq On : 2 Nov 2009 22:37 Operator: NMD
Sample : RSJ1399-02 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:35 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

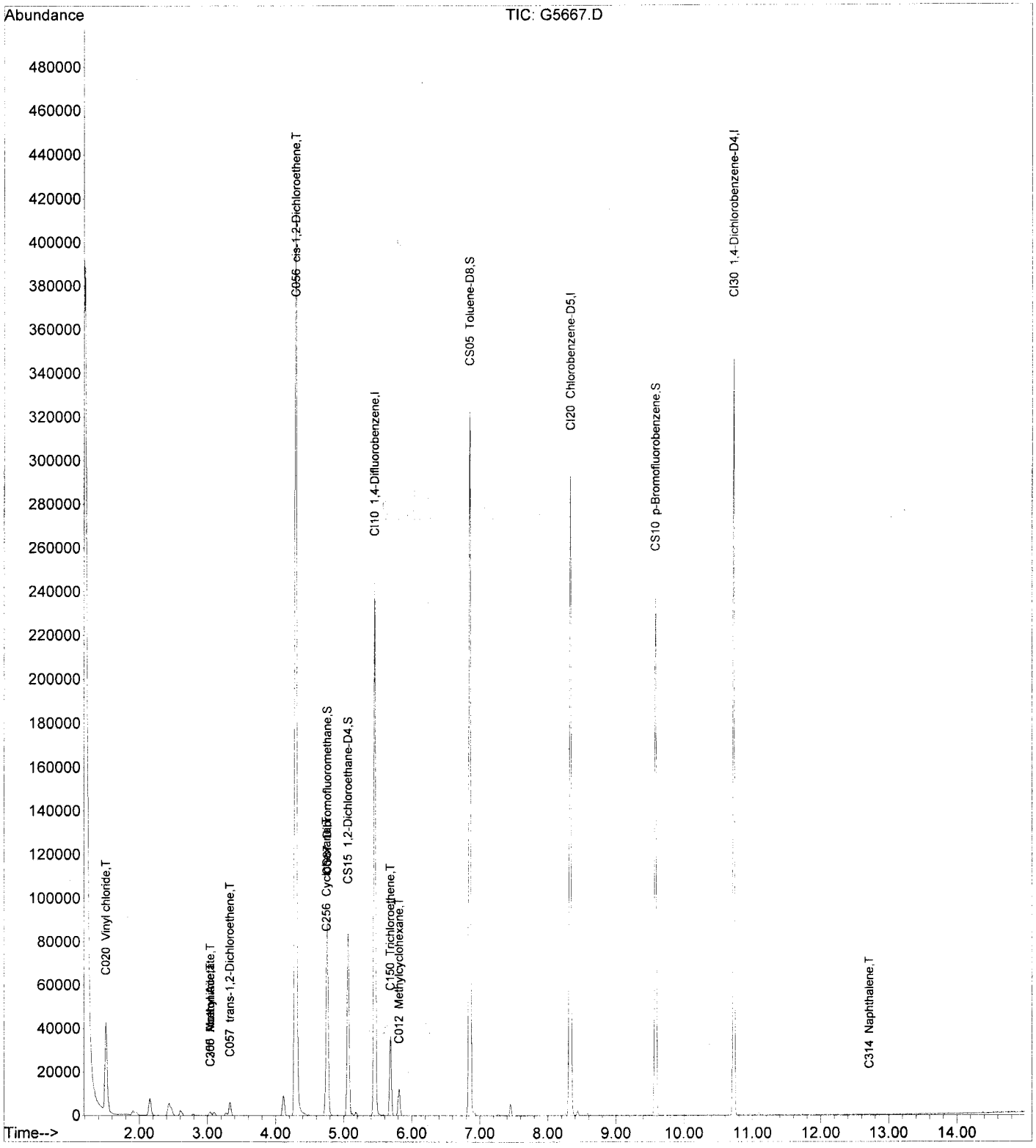
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.81	83	5865	0.86	ug/L	97
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.92	92	158	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.84	43	720	N.D.		
50) C220	Tetrachloroethene	7.45	166	1890	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.58	91	880	N.D.		
58) C246	m,p-Xylene	8.59	106	293	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	9.38	105	620	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	11.10	146	545	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	12.51	180	78	N.D.		
83) C316	Hexachlorobutadien	12.62	225	62	N.D.		
84) C314	Naphthalene	12.71	128	113	0.74	ug/L	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

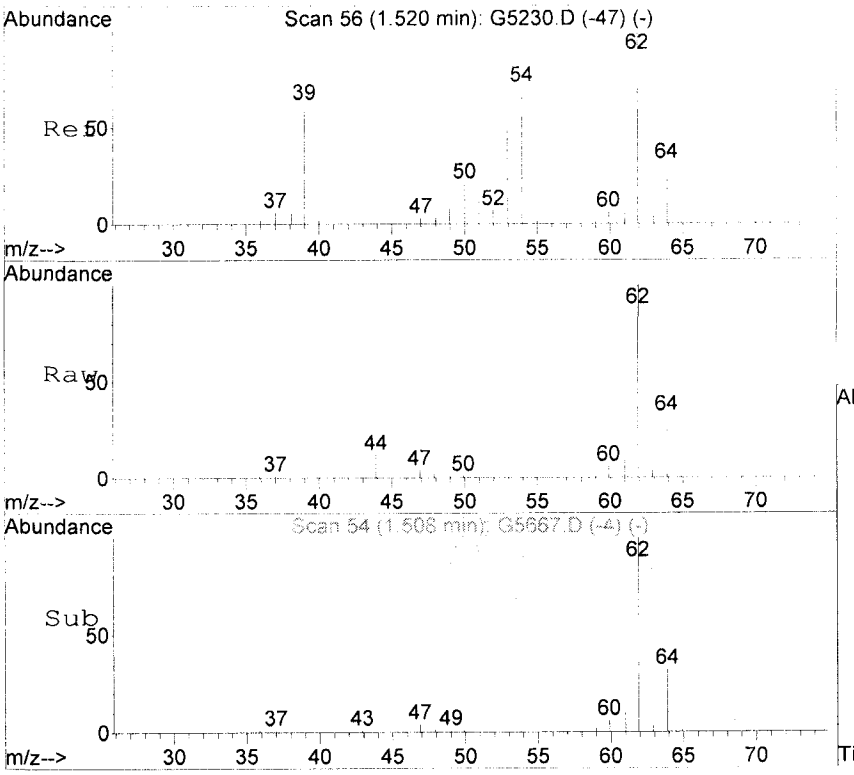
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Acq On : 2 Nov 2009 22:37
Sample : RSJ1399-02
Misc :
MS Integration Params: RTEINT.P

Vial: 6
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Quant Time: Nov 03 09:02:35 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

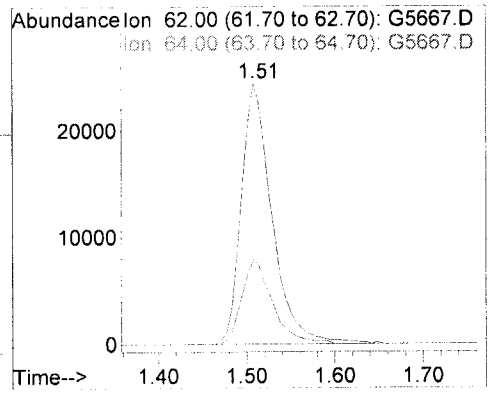


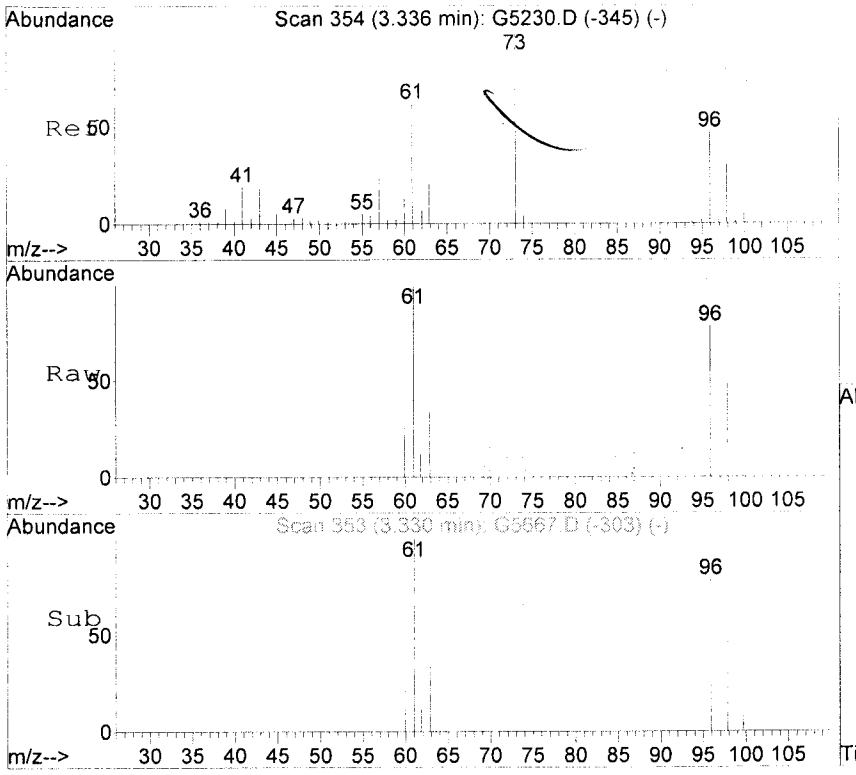


#4
C020 Vinyl chloride
Concen: 19.80 ug/L
RT: 1.51 min Scan# 54
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 62 Resp: 58769

Ion	Ratio	Lower	Upper
62	100		
64	32.2	9.4	69.4

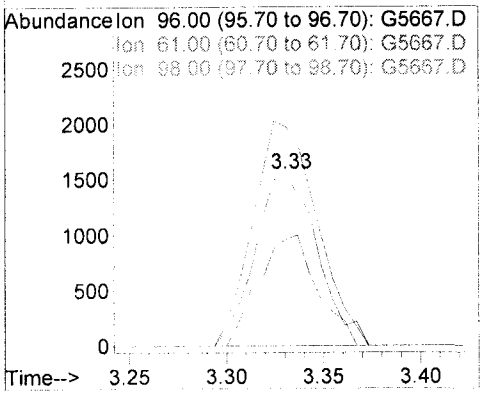


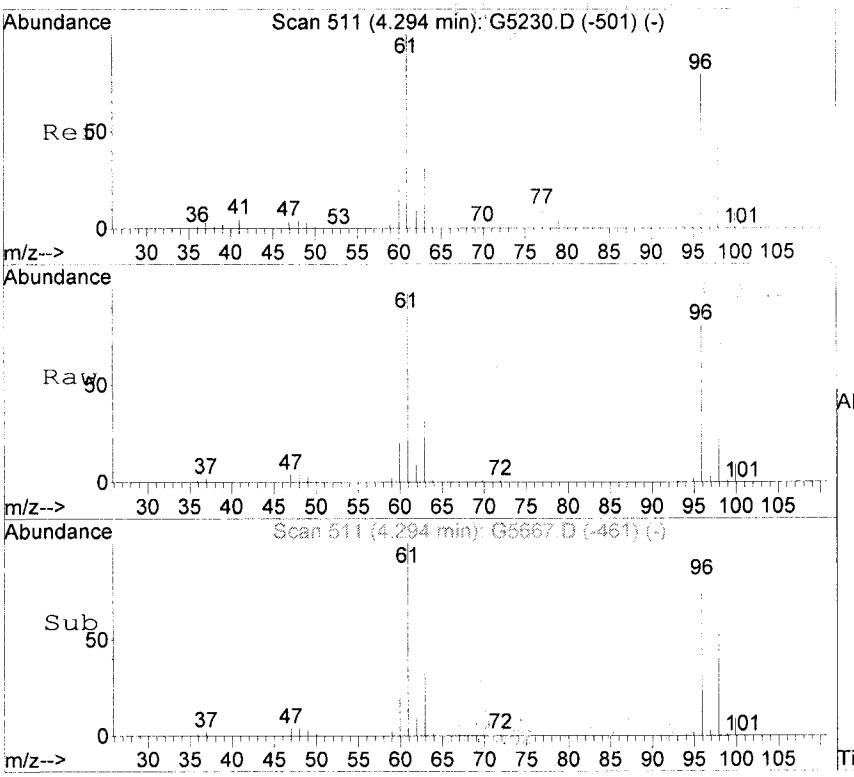


#18
C057 trans-1,2-Dichloroethene
Concen: 0.96 ug/L
RT: 3.33 min Scan# 353
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 96 Resp: 3464

Ion	Ratio	Lower	Upper
96	100		
61	127.5	111.5	171.5
98	62.0	33.0	93.0

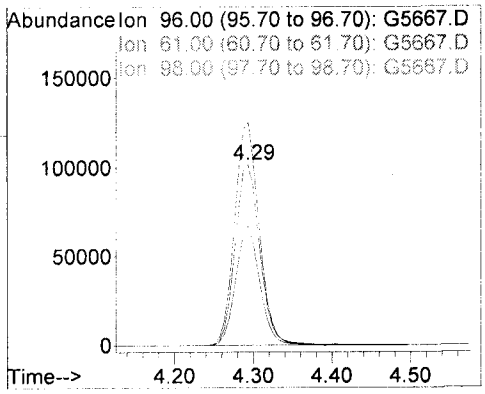


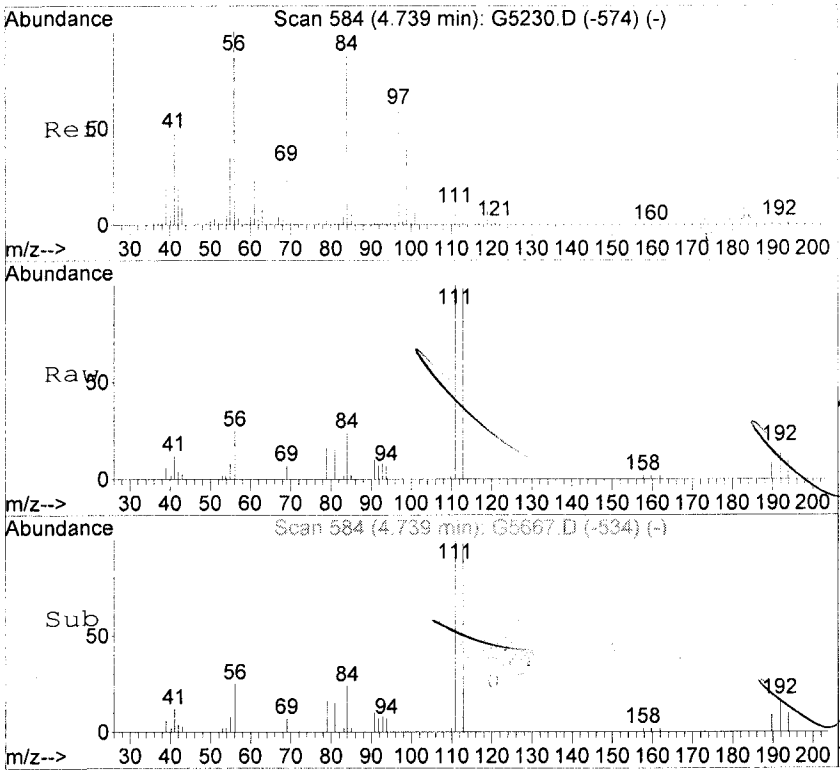


#23
C056 cis-1,2-Dichloroethene
Concen: 57.77 ug/L
RT: 4.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 96 Resp: 221401

Ion	Ratio	Lower	Upper
96	100		
61	123.5	99.9	159.9
98	65.9	31.8	91.8

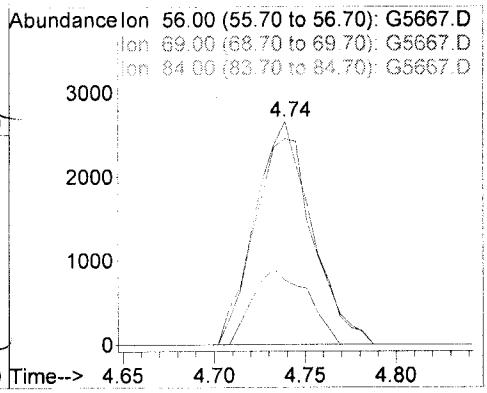


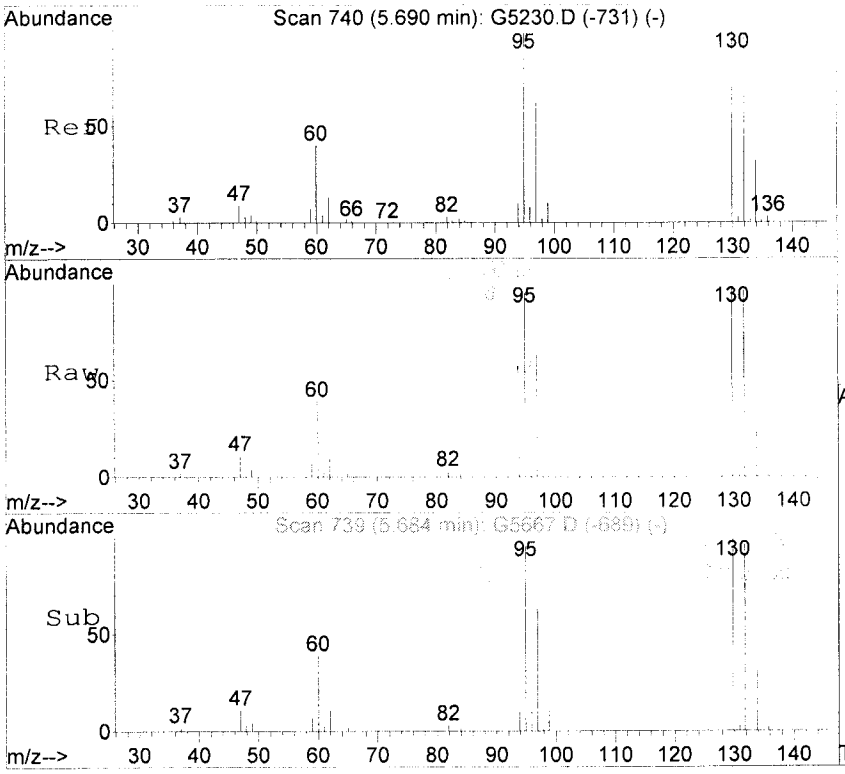


#35
C256 Cyclohexane
Concen: 0.98 ug/L
RT: 4.74 min Scan# 584
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 56 Resp: 5788

Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.8	35.8
84	96.2	66.2	99.4

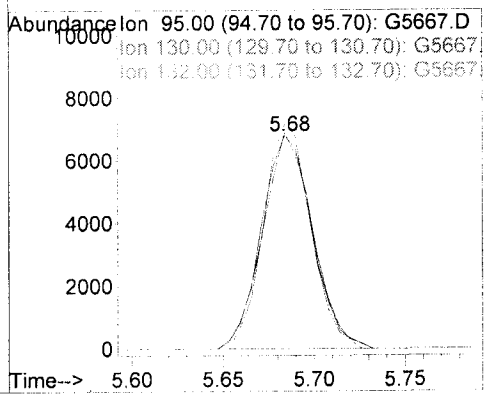


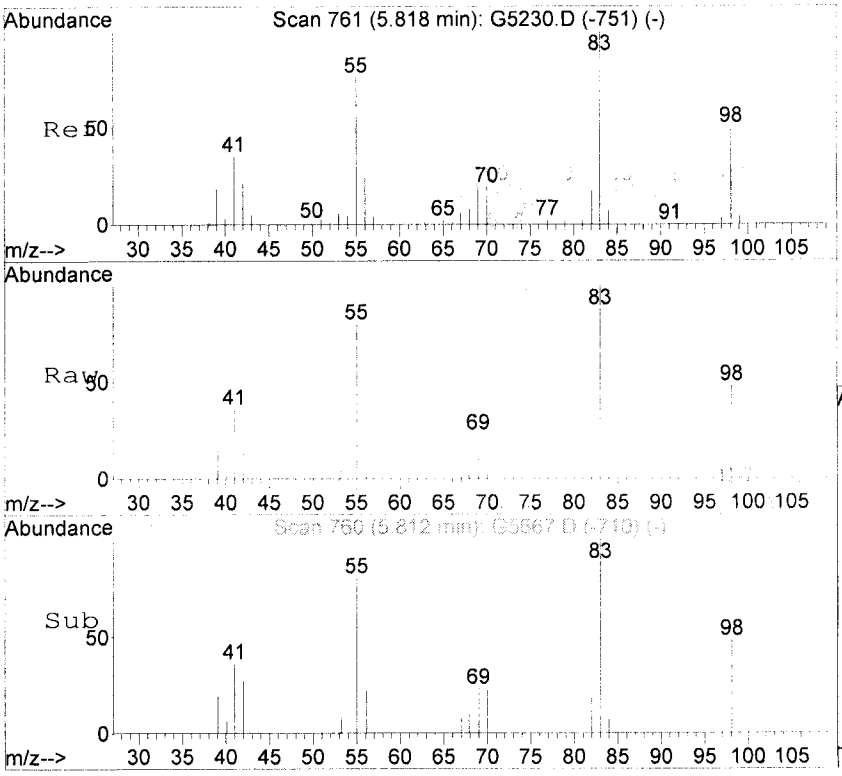


#36
C150 Trichloroethene
Concen: 3.63 ug/L
RT: 5.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 95 Resp: 13128

Ion	Ratio	Lower	Upper
95	100		
130	105.4	77.6	137.6
132	101.4	72.8	132.8

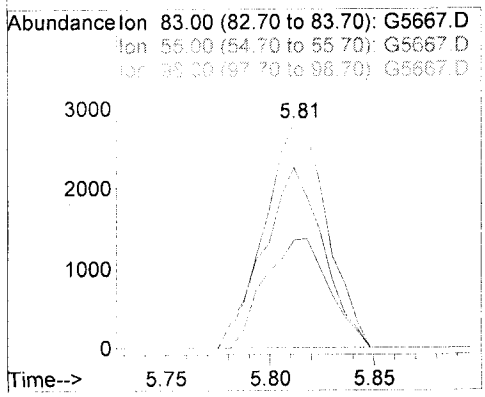




#41
C012 Methylcyclohexane
Concen: 0.86 ug/L
RT: 5.81 min Scan# 760
Delta R.T. 0.01 min
Lab File: G5667.D
Acq: 2 Nov 2009 22:37

Tgt Ion: 83 Resp: 5865

Ion	Ratio	Lower	Upper
83	100		
55	77.4	65.8	98.6
98	50.1	40.2	60.4



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-E

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-03 File ID: G5668.D

Sampled: 10/26/09 12:00 Prepared: 11/02/09 19:29 Analyzed: 11/02/09 23:00

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	7.1	
75-34-3	1,1-Dichloroethane	1	2.5	
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	9.0	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	23	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.2	101	66 - 137	
4-Bromofluorobenzene	25.0	24.4	98	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	96090	10.73	95566	10.72	
1,4-Difluorobenzene	209039	5.45	238310	5.45	
Chlorobenzene-d5	106319	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5668.D Vial: 7
Acq On : 2 Nov 2009 23:00 Operator: NMD
Sample : RSJ1399-03 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:40 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

11/03/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	209039	25.00	ug/L	0.00 87.72%
43) CI20	Chlorobenzene-D5	8.33	82	106319	25.00	ug/L	0.00 89.87%
63) CI30	1,4-Dichlorobenzene-	10.73	152	96090	25.00	ug/L	0.00 100.55%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	57162	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%	
31) CS15	1,2-Dichloroethane-D	5.06	65	61508	25.21	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	100.84%	
44) CS05	Toluene-D8	6.85	98	241779	23.79	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.16%	
62) CS10	p-Bromofluorobenzene	9.58	174	70695	24.43	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	97.72%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.51	62	824	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	1846	0.60	ug/L	84
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.79	76	491	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.62	101	9436	3.54	ug/L	97
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.33	96	445	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.74	63	15422	2.53	ug/L	97
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.29	96	34287	9.01	ug/L	94
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	4.60	83	3223	0.54	ug/L	97
28) C115	1,1,1-Trichloroethan	4.73	97	36644	7.09	ug/L	97
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.07	78	348	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.68	95	81384	22.66	ug/L	94
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

11/4/2009

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5668.D Vial: 7
Acq On : 2 Nov 2009 23:00 Operator: NMD
Sample : RSJ1399-03 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:40 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.68	83	774	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.85	43	770	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.33	91	266	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.58	91	55	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

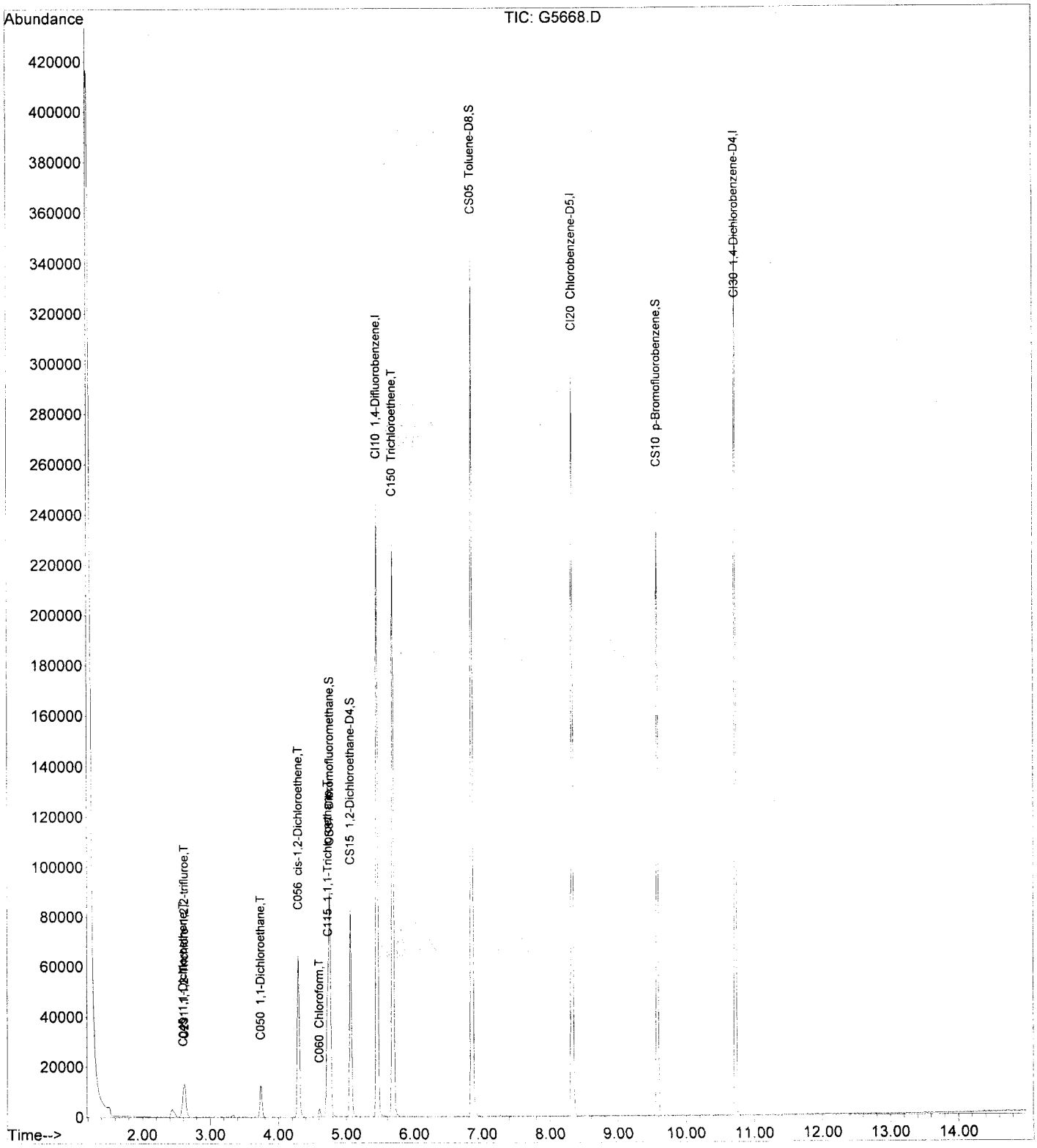
11/4/09

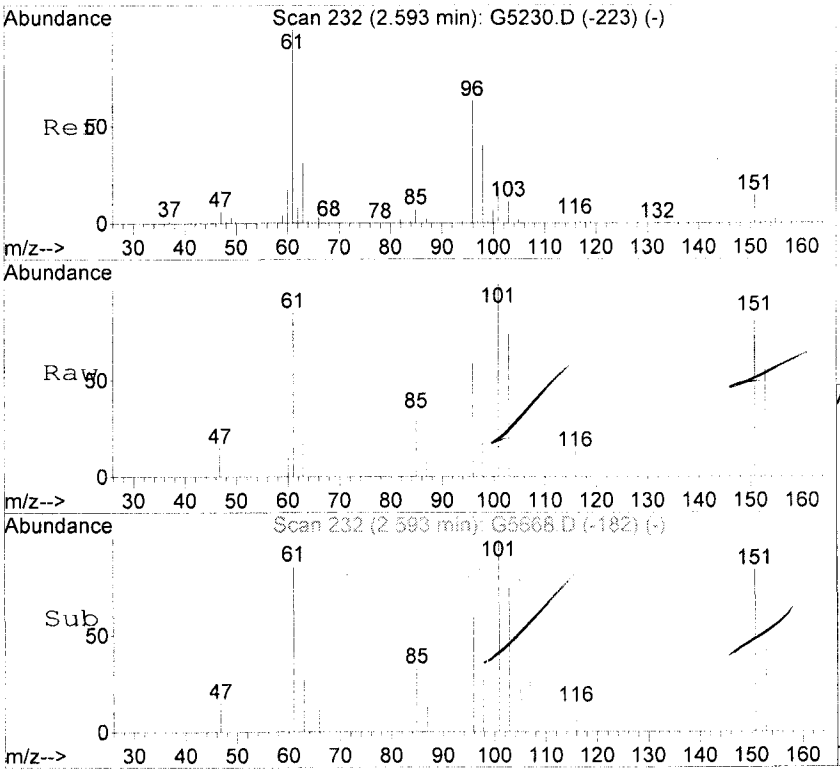
Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5668.D
Acq On : 2 Nov 2009 23:00
Sample : RSJ1399-03
Misc :
MS Integration Params: RTEINT.P

Vial: 7
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Quant Time: Nov 03 09:02:40 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

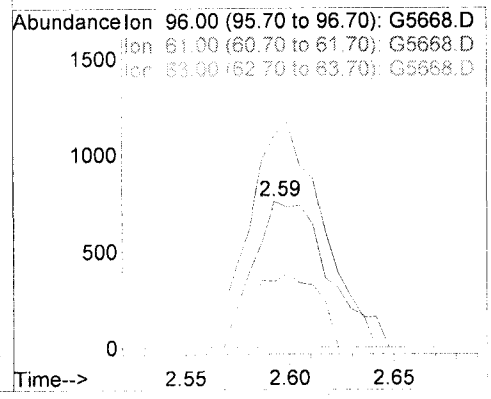


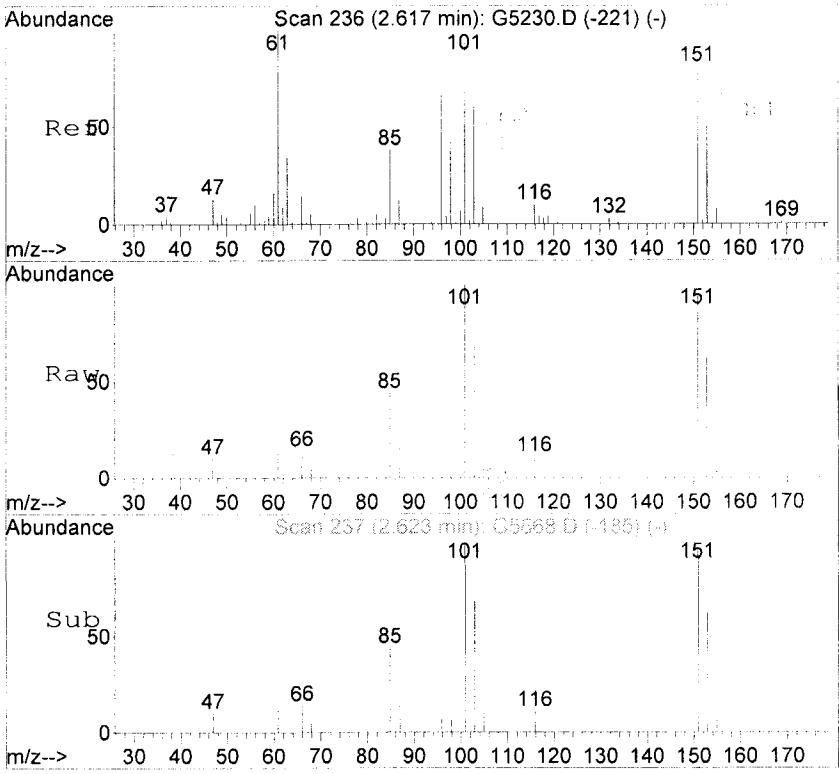


#8
C045 1,1-Dichloroethene
Concen: 0.60 ug/L
RT: 2.59 min Scan# 232
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 96 Resp: 1846

Ion	Ratio	Lower	Upper
96	100		
61	145.4	140.6	200.6
63	45.6	21.9	81.9

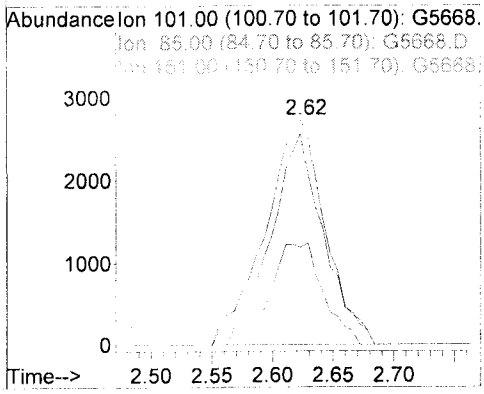


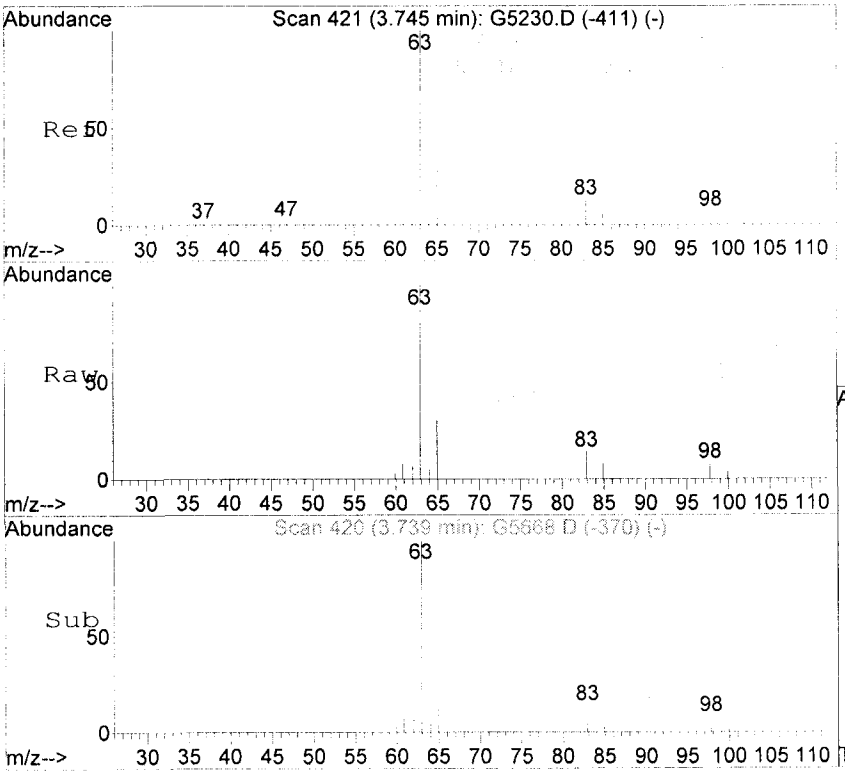


#16
C291 1,1,2-Trichloro-1,2,2-tr
Concen: 3.54 ug/L
RT: 2.62 min Scan# 237
Delta R.T. 0.02 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion:101 Resp: 9436

Ion	Ratio	Lower	Upper
101	100		
85	42.1	35.0	52.6
151	85.7	70.9	106.3

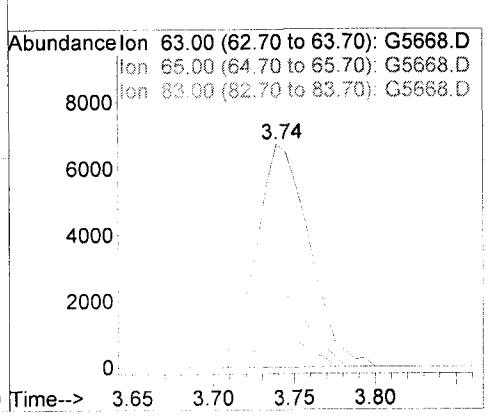


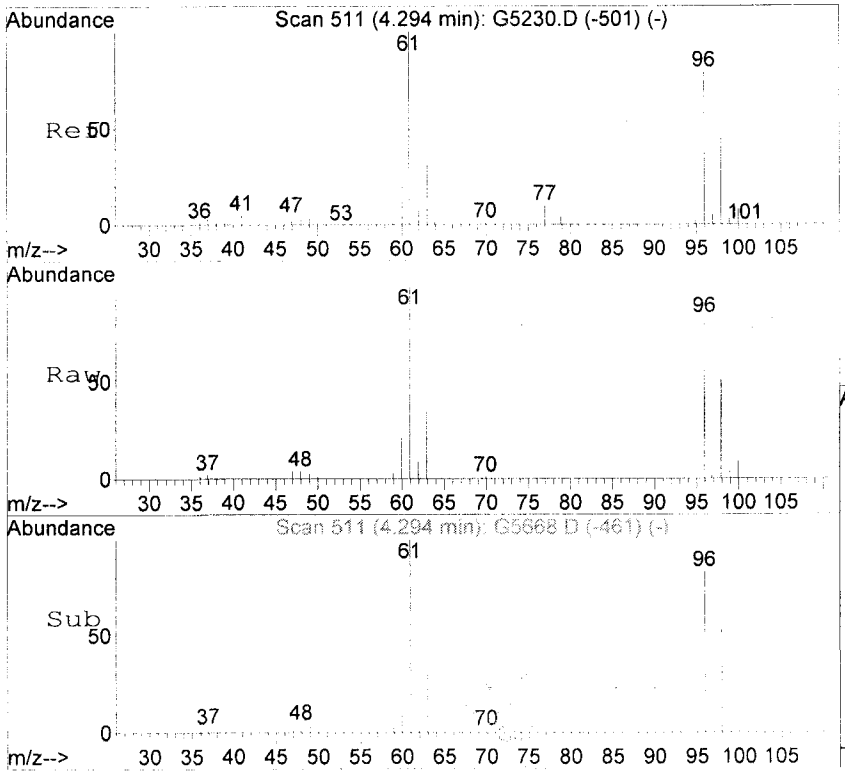


#20
C050 1,1-Dichloroethane
Concen: 2.53 ug/L
RT: 3.74 min Scan# 420
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 63 Resp: 15422

Ion	Ratio	Lower	Upper
63	100		
65	30.0	1.5	61.5
83	13.8	0.0	43.0

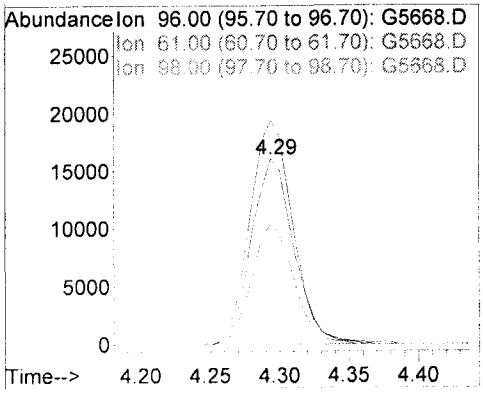


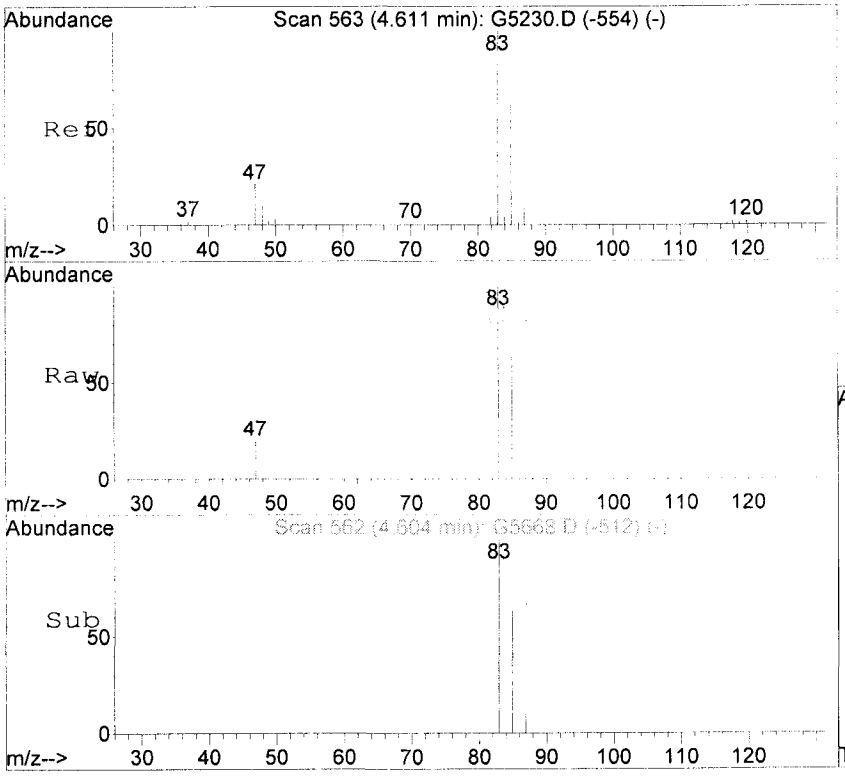


#23
C056 cis-1,2-Dichloroethene
Concen: 9.01 ug/L
RT: 4.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 96 Resp: 34287

Ion	Ratio	Lower	Upper
96	100		
61	120.8	99.9	159.9
98	64.4	31.8	91.8

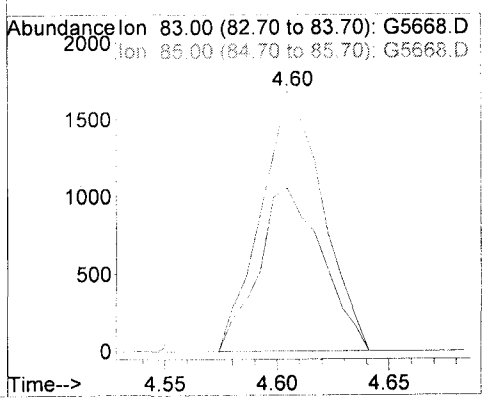


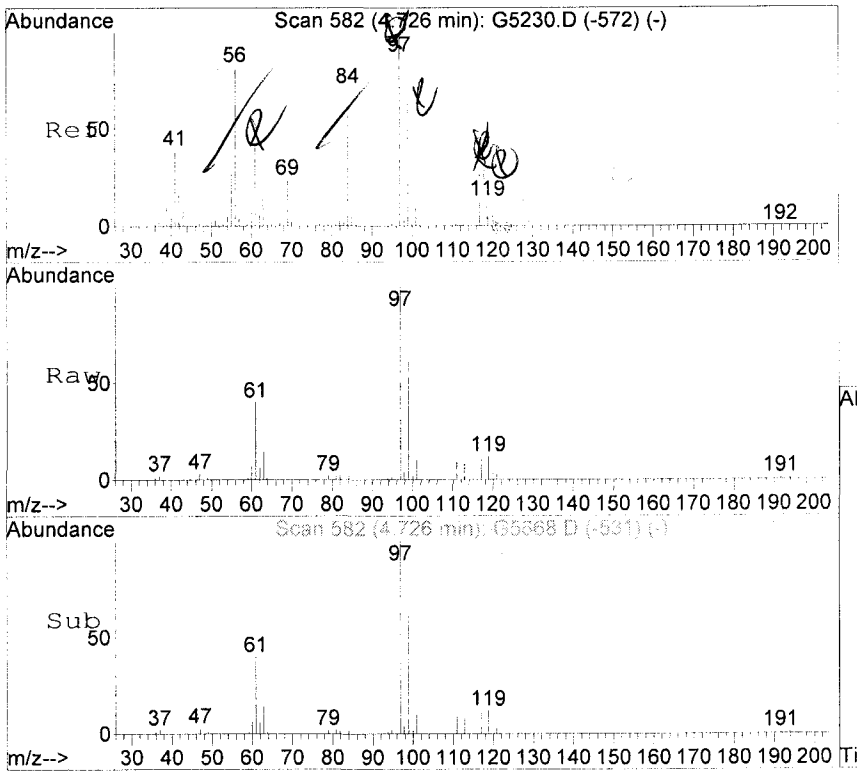


#27
C060 Chloroform
Concen: 0.54 ug/L
RT: 4.60 min Scan# 562
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 83 Resp: 3223

Ion	Ratio	Lower	Upper
83	100		
85	62.6	34.9	94.9

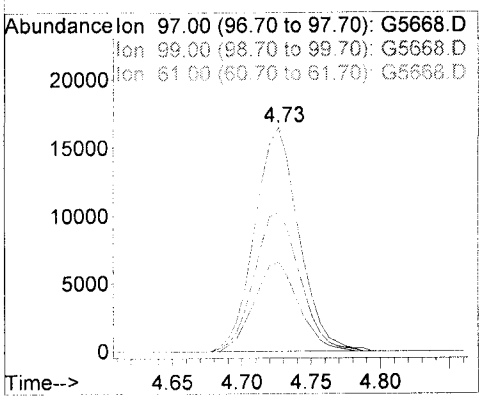


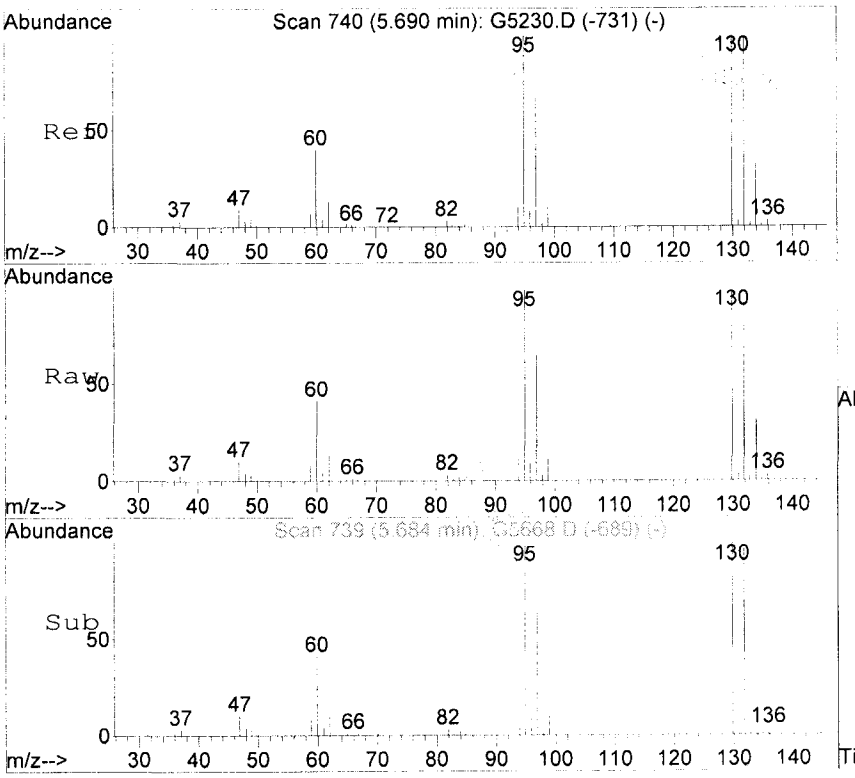


#28
C115 1,1,1-Trichloroethane
Concen: 7.09 ug/L
RT: 4.73 min Scan# 582
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 97 Resp: 36644

Ion	Ratio	Lower	Upper
97	100		
99	62.1	32.0	92.0
61	39.7	14.3	74.3

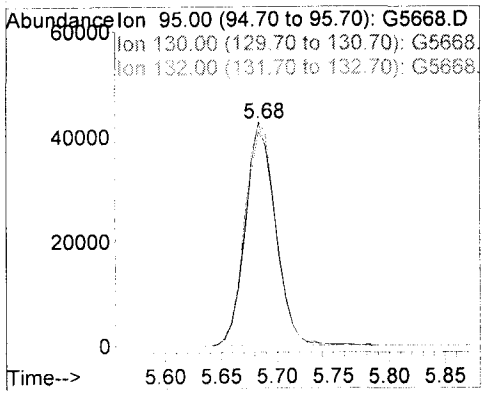




#36
C150 Trichloroethene
Concen: 22.66 ug/L
RT: 5.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: G5668.D
Acq: 2 Nov 2009 23:00

Tgt Ion: 95 Resp: 81384

Ion	Ratio	Lower	Upper
95	100		
130	100.8	77.6	137.6
132	96.3	72.8	132.8



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-F

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-04 File ID: G5669.D

Sampled: 10/26/09 12:40 Prepared: 11/02/09 19:29 Analyzed: 11/02/09 23:23

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.2	
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	3.2	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	30	
75-01-4	Vinyl chloride	1	0.54	J
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.5	102	66 - 137	
4-Bromofluorobenzene	25.0	25.3	101	73 - 120	
Toluene-d8	25.0	23.4	94	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	86273	10.73	95566	10.72	
1,4-Difluorobenzene	191501	5.45	238310	5.45	
Chlorobenzene-d5	102811	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5669.D Vial: 8
Acq On : 2 Nov 2009 23:23 Operator: NMD
Sample : RSJ1399-04 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:45 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

11/03/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	191501	25.00	ug/L	0.00 80.36%
43) CI20	Chlorobenzene-D5	8.33	82	102811	25.00	ug/L	0.00 86.90%
63) CI30	1,4-Dichlorobenzene-	10.73	152	86273	25.00	ug/L	0.00 90.28%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	50658	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	99.48%		
31) CS15	1,2-Dichloroethane-D	5.06	65	57034	25.52	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	102.08%		
44) CS05	Toluene-D8	6.85	98	230482	23.45	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	93.80%		
62) CS10	p-Bromofluorobenzene	9.58	174	70690	25.26	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	101.04%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.51	62	1446	0.54	ug/L	87
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.60	96	357	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.79	76	453	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.62	101	1989	0.81	ug/L #	91
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.33	96	214	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.74	63	1011	N.D.		
21) C125	Vinyl Acetate	3.79	43	1453	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.29	96	11236	3.22	ug/L	92
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroethan	4.73	97	5441	1.15	ug/L	96
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	5.07	78	707	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.68	95	98755	30.02	ug/L	94
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

11/4/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5669.D Vial: 8
Acq On : 2 Nov 2009 23:23 Operator: NMD
Sample : RSJ1399-04 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:45 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

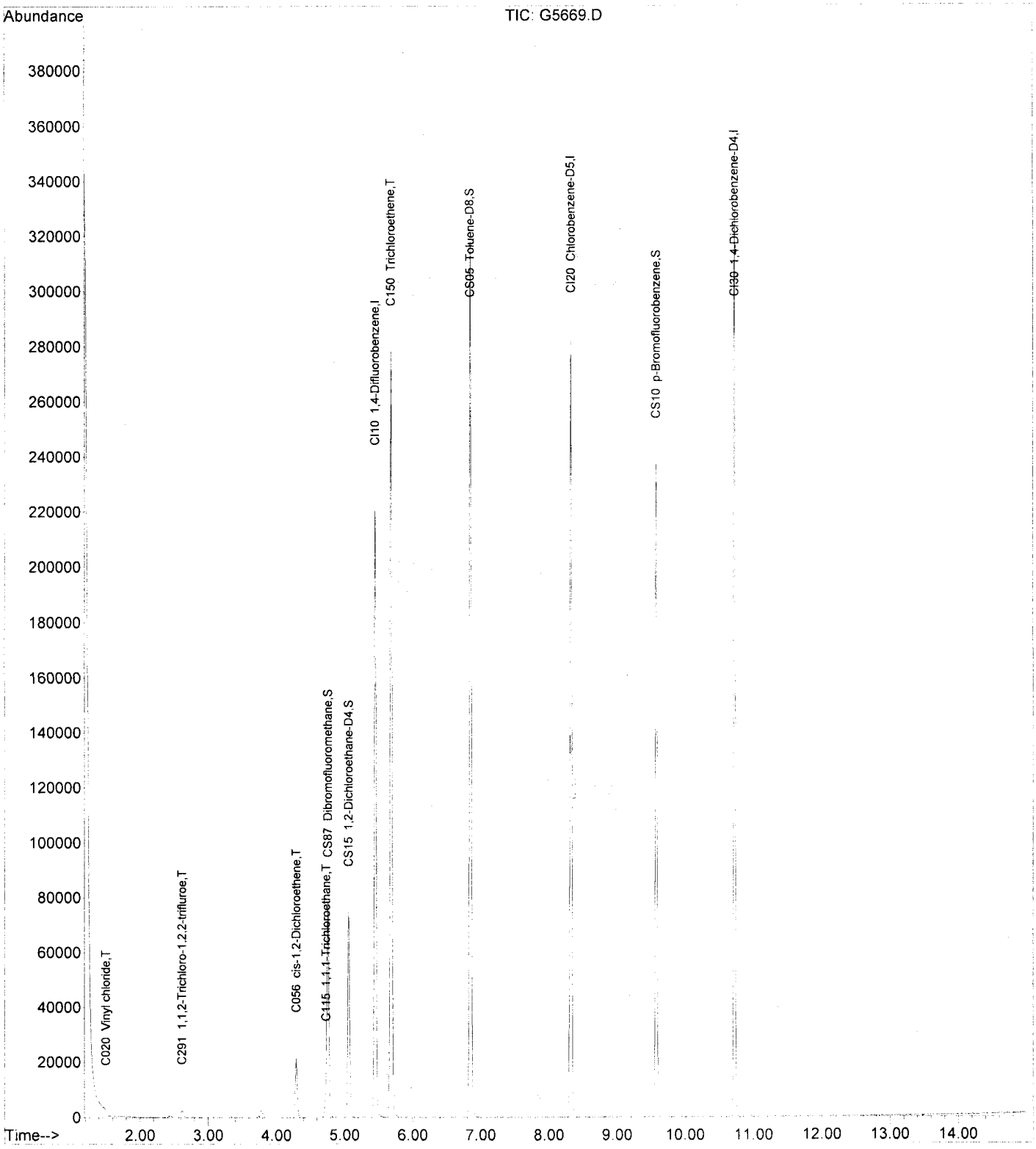
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.69	83	1093	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.92	92	212	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.85	43	715	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.32	91	281	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.59	91	63	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

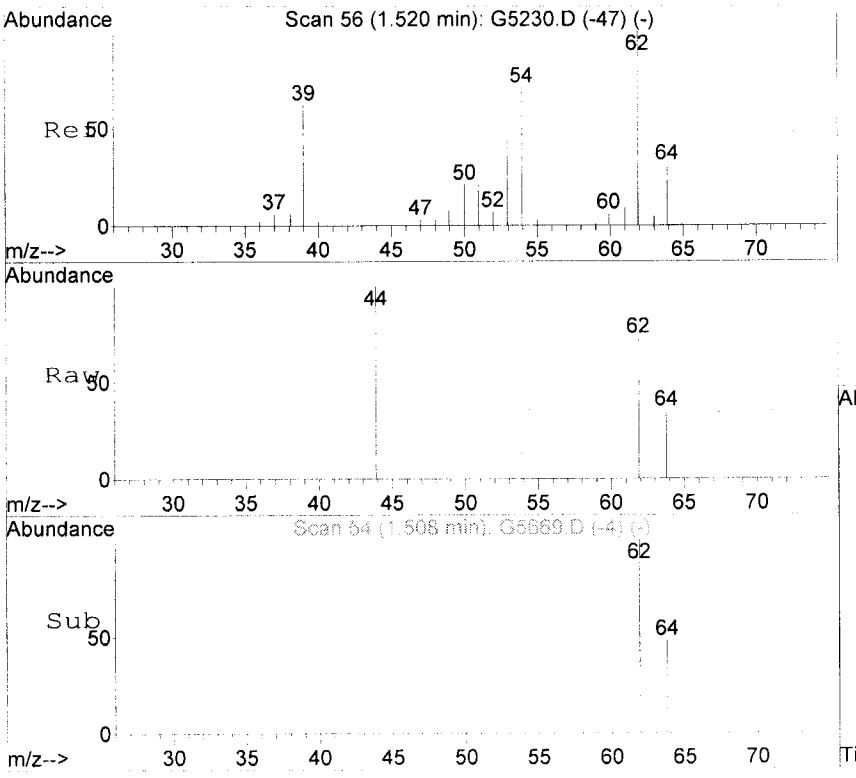
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\MSDCHEM\G\DATA\110209\G5669.D
Acq On : 2 Nov 2009 23:23
Sample : RSJ1399-04
Misc :
MS Integration Params: RTEINT.P

Vial: 8
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Quant Time: Nov 03 09:02:45 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

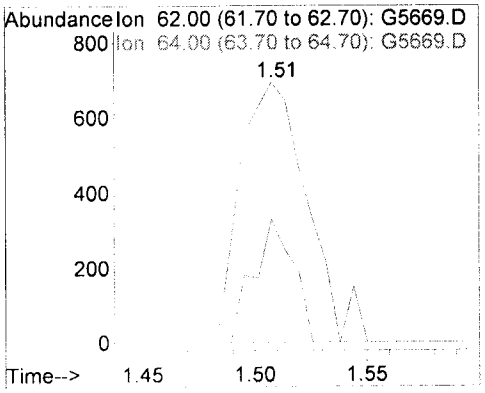


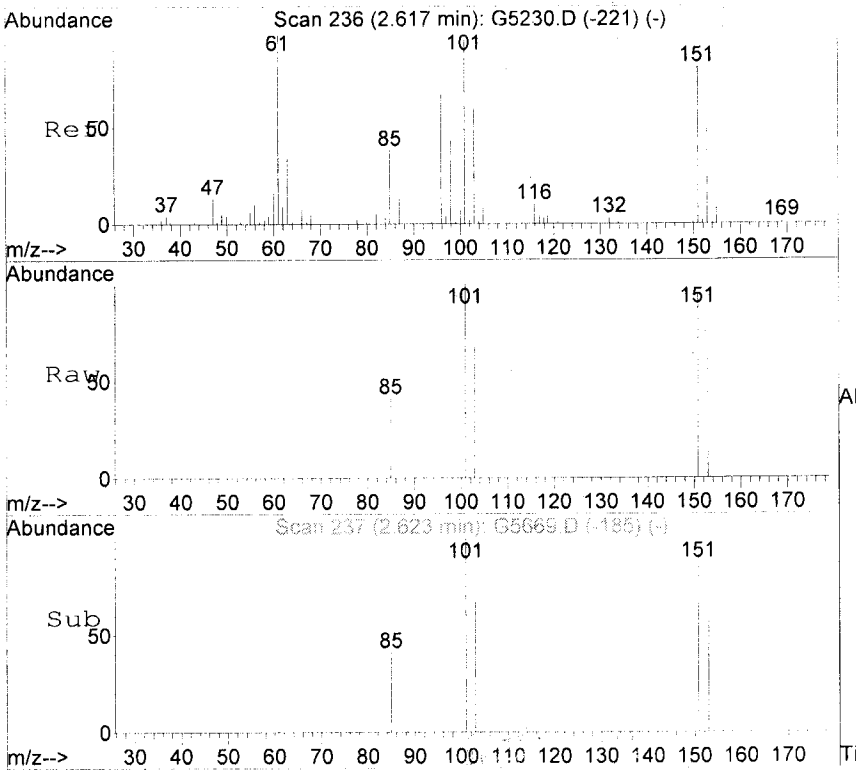


#4
C020 Vinyl chloride
Concen: 0.54 ug/L
RT: 1.51 min Scan# 54
Delta R.T. 0.01 min
Lab File: G5669.D
Acq: 2 Nov 2009 23:23

Tgt Ion: 62 Resp: 1446

Ion	Ratio	Lower	Upper
62	100		
64	47.6	9.4	69.4

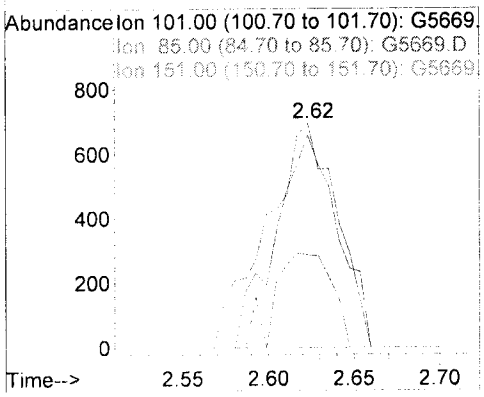


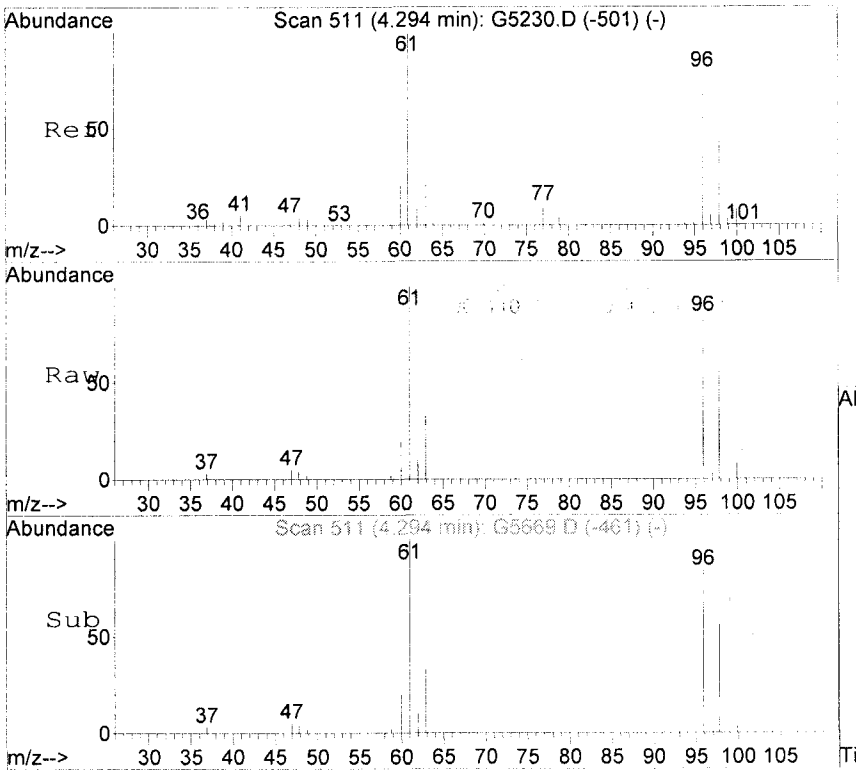


#16
C291 1,1,2-Trichloro-1,2,2-tr
Concen: 0.81 ug/L
RT: 2.62 min Scan# 237
Delta R.T. 0.02 min
Lab File: G5669.D
Acq: 2 Nov 2009 23:23

Tgt Ion:101 Resp: 1989

Ion	Ratio	Lower	Upper
101	100		
85	34.0	35.0	52.6#
151	83.6	70.9	106.3

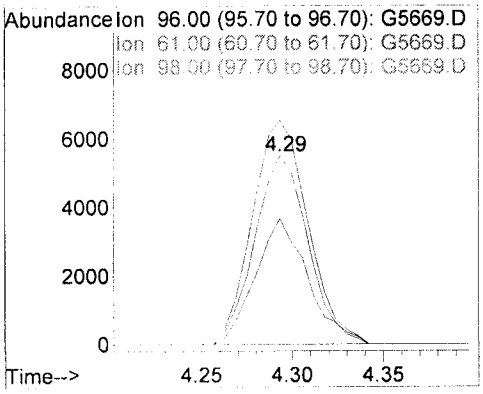


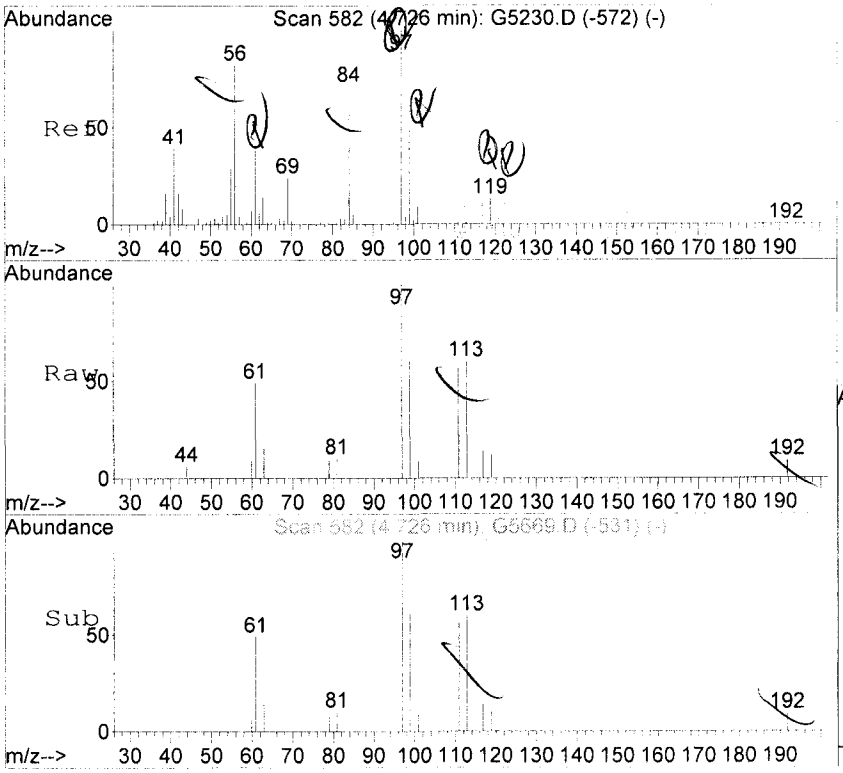


#23
C056 cis-1,2-Dichloroethene
Concen: 3.22 ug/L
RT: 4.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: G5669.D
Acq: 2 Nov 2009 23:23

Tgt Ion: 96 Resp: 11236

Ion	Ratio	Lower	Upper
96	100		
61	119.0	99.9	159.9
98	66.7	31.8	91.8

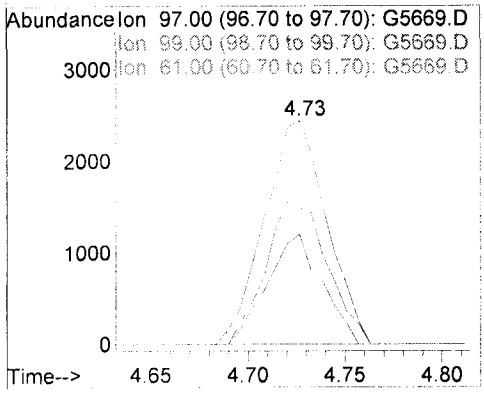


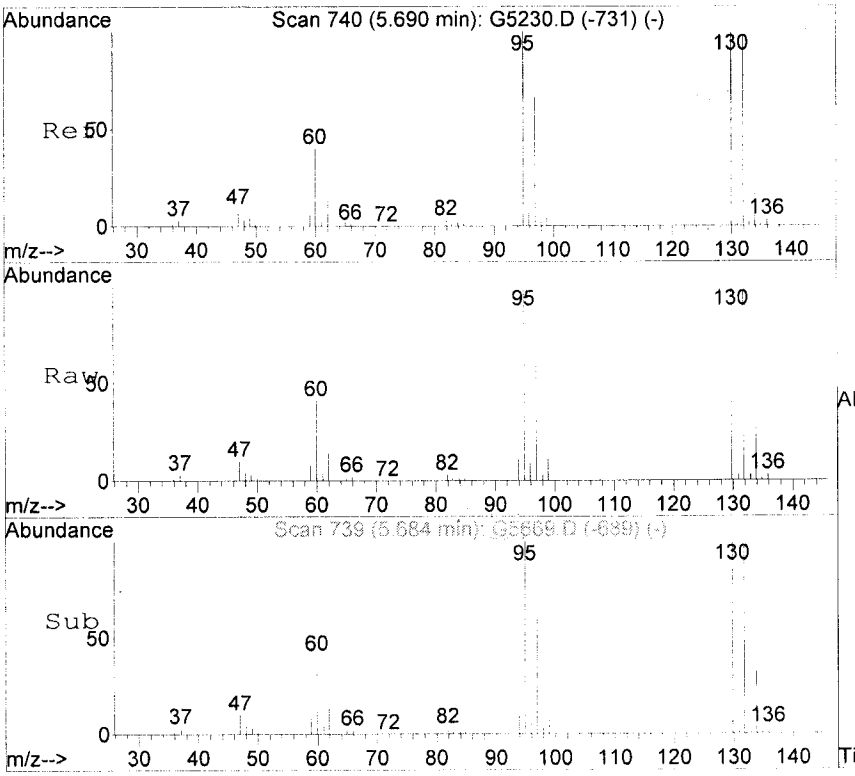


#28
C115 1,1,1-Trichloroethane
Concen: 1.15 ug/L
RT: 4.73 min Scan# 582
Delta R.T. 0.01 min
Lab File: G5669.D
Acq: 2 Nov 2009 23:23

Tgt Ion: 97 Resp: 5441

Ion	Ratio	Lower	Upper
97	100		
99	61.1	32.0	92.0
61	49.2	14.3	74.3

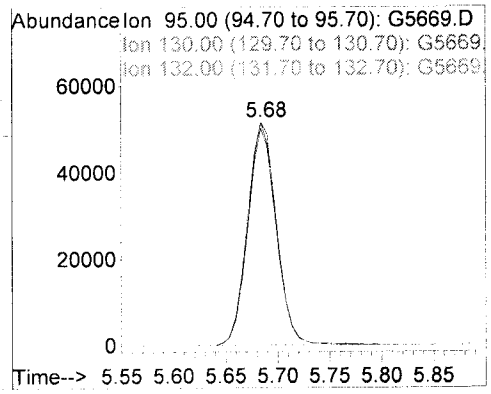




#36
C150 Trichloroethene
Concen: 30.02 ug/L
RT: 5.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: G5669.D
Acq: 2 Nov 2009 23:23

Tgt Ion: 95 Resp: 98755

Ion	Ratio	Lower	Upper
95	100		
130	100.0	77.6	137.6
132	97.3	72.8	132.8



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

DOT MW-1

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-07 File ID: G5670.D

Sampled: 10/26/09 13:20 Prepared: 11/02/09 19:29 Analyzed: 11/02/09 23:46

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	7.9	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	25.2	101	66 - 137	
4-Bromofluorobenzene	25.0	24.5	98	73 - 120	
Toluene-d8	25.0	23.9	96	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	88704	10.73	95566	10.72	
1,4-Difluorobenzene	209547	5.45	238310	5.45	
Chlorobenzene-d5	104644	8.32	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5670.D Vial: 9
Acq On : 2 Nov 2009 23:46 Operator: NMD
Sample : RSJ1399-07 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:50 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	209547	25.00	ug/L	0.00 87.93%
43) CI20	Chlorobenzene-D5	8.32	82	104644	25.00	ug/L	0.00 88.45%
63) CI30	1,4-Dichlorobenzene-	10.73	152	88704	25.00	ug/L	0.00 92.82%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	55439	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%	
31) CS15	1,2-Dichloroethane-D	5.06	65	61574	25.18	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	100.72%	
44) CS05	Toluene-D8	6.85	98	239123	23.90	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	95.60%	
62) CS10	p-Bromofluorobenzene	9.58	174	69788	24.50	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	98.00%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	0.00	84	0	N.D.		
10) C040	Carbon disulfide	2.79	76	359	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.32	96	662	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.75	63	2352	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.29	96	30114	7.90	ug/L	93
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	4.73	97	2276	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	0.00	78	0	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

Data File : D:\MSDCHEM\G\DATA\110209\G5670.D Vial: 9
Acq On : 2 Nov 2009 23:46 Operator: NMD
Sample : RSJ1399-07 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:50 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.84	43	870	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.33	91	219	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.58	91	142	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

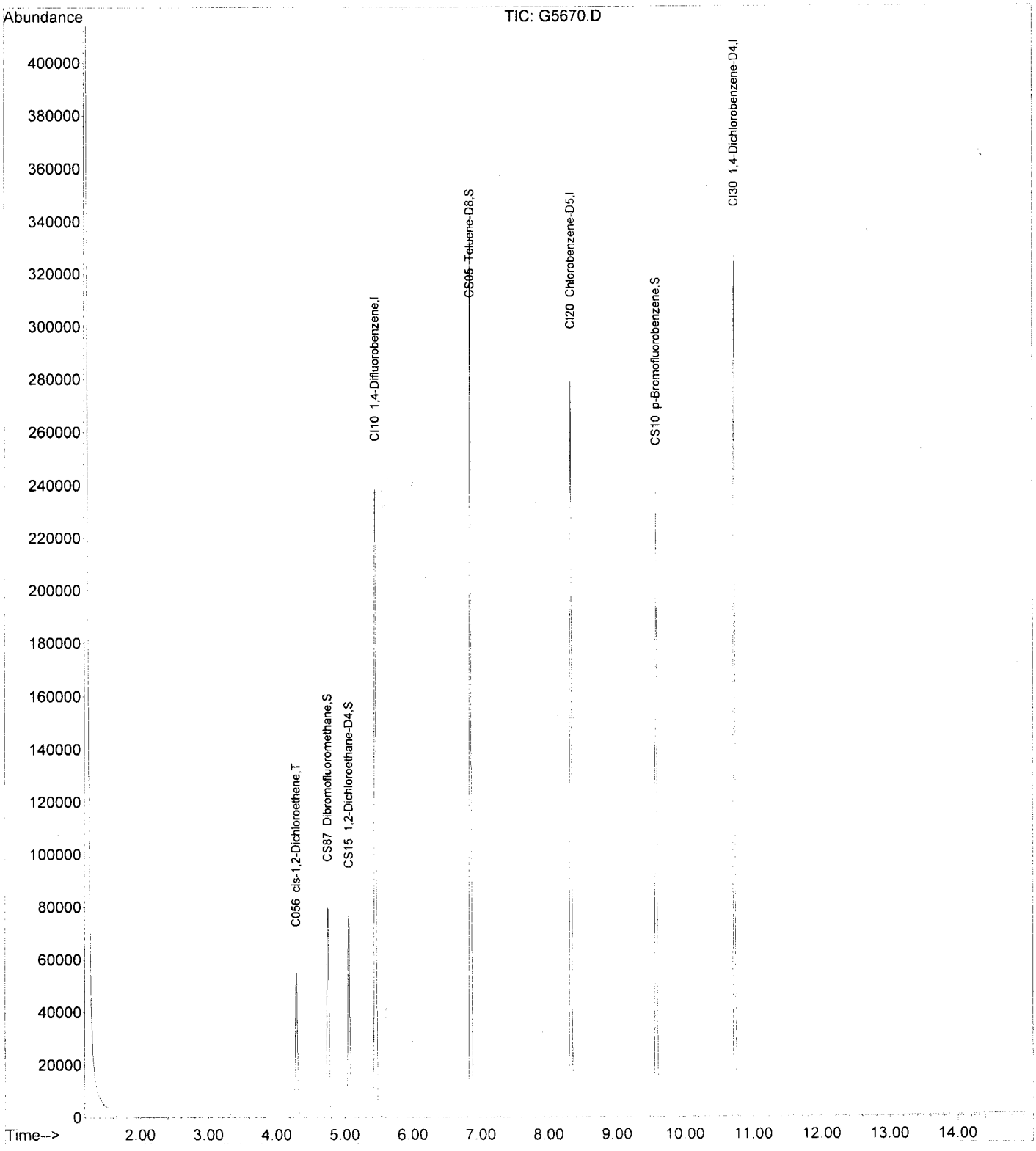
(#) = qualifier out of range (m) = manual integration (+) = signals summed

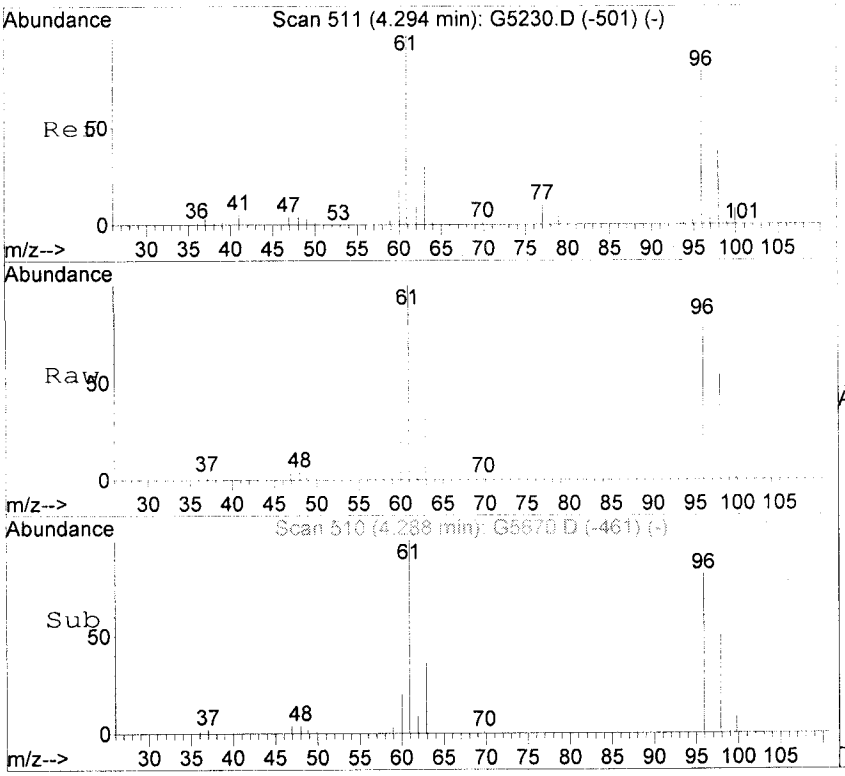
11/4/09

Data File : D:\MSDCHEM\G\DATA\110209\G5670.D
Acq On : 2 Nov 2009 23:46
Sample : RSJ1399-07
Misc :
MS Integration Params: RTEINT.P

Vial: 9
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Quant Time: Nov 03 09:02:50 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

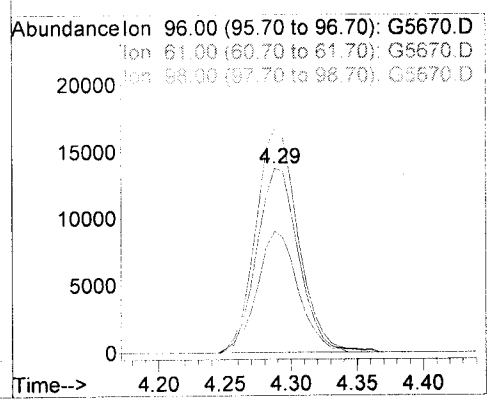




#23
C056 cis-1,2-Dichloroethene
Concen: 7.90 ug/L
RT: 4.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: G5670.D
Acq: 2 Nov 2009 23:46

Tgt Ion: 96 Resp: 30114

Ion	Ratio	Lower	Upper
96	100		
61	121.3	99.9	159.9
98	65.5	31.8	91.8



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

PW-1

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: RSJ1399-08 File ID: G5671.D

Sampled: 10/26/09 15:06 Prepared: 11/02/09 19:29 Analyzed: 11/03/09 00:08

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.51	
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	1.5	
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	2.5	
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.4	109	66 - 137	
4-Bromofluorobenzene	25.0	24.9	99	73 - 120	
Toluene-d8	25.0	23.8	95	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	88528	10.73	95566	10.72	
1,4-Difluorobenzene	198161	5.45	238310	5.45	
Chlorobenzene-d5	101567	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5671.D Vial: 10
Acq On : 3 Nov 2009 00:08 Operator: NMD
Sample : RSJ1399-08 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:55 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.45	114	198161	25.00 ug/L	0.00 83.15%
43) CI20 Chlorobenzene-D5	8.33	82	101567	25.00 ug/L	0.00 85.85%
63) CI30 1,4-Dichlorobenzene-	10.73	152	88528	25.00 ug/L	0.00 92.64%
System Monitoring Compounds					
26) CS87 Dibromofluoromethane	4.76	111	53846	25.54 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%		
31) CS15 1,2-Dichloroethane-D	5.06	65	63291	27.37 ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 109.48%		
44) CS05 Toluene-D8	6.85	98	231373	23.83 ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 95.32%		
62) CS10 p-Bromofluorobenzene	9.58	174	68769	24.87 ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 99.48%		
Target Compounds					Qvalue
2) C290 Dichlorodifluorome	1.25	85	68	N.D.	
3) C010 Chloromethane	0.00	50	0	N.D.	
4) C020 Vinyl chloride	1.50	62	406	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	0.00	84	0	N.D.	
10) C040 Carbon disulfide	2.80	76	521	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	0.00	43	0	N.D.	
14) C300 Acetonitrile	3.03	41	412	2.18 ug/L #	25
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2-Trichloro-1,	2.62	101	1114	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	3.04	43	1473	0.95 ug/L #	56
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	0.00	43	0	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroethe	4.29	96	5323	1.48 ug/L	92
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
27) C060 Chloroform	4.60	83	2848	0.50 ug/L	93
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120 Carbon tetrachlori	0.00	117	0	N.D.	
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	5.07	78	57	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	0.00	43	0	N.D.	
35) C256 Cyclohexane	4.74	56	2650	N.D.	
36) C150 Trichloroethene	5.68	95	8364	2.46 ug/L	88
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278 Dibromomethane	0.00	93	0	N.D.	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5671.D Vial: 10
Acq On : 3 Nov 2009 00:08 Operator: NMD
Sample : RSJ1399-08 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:02:55 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

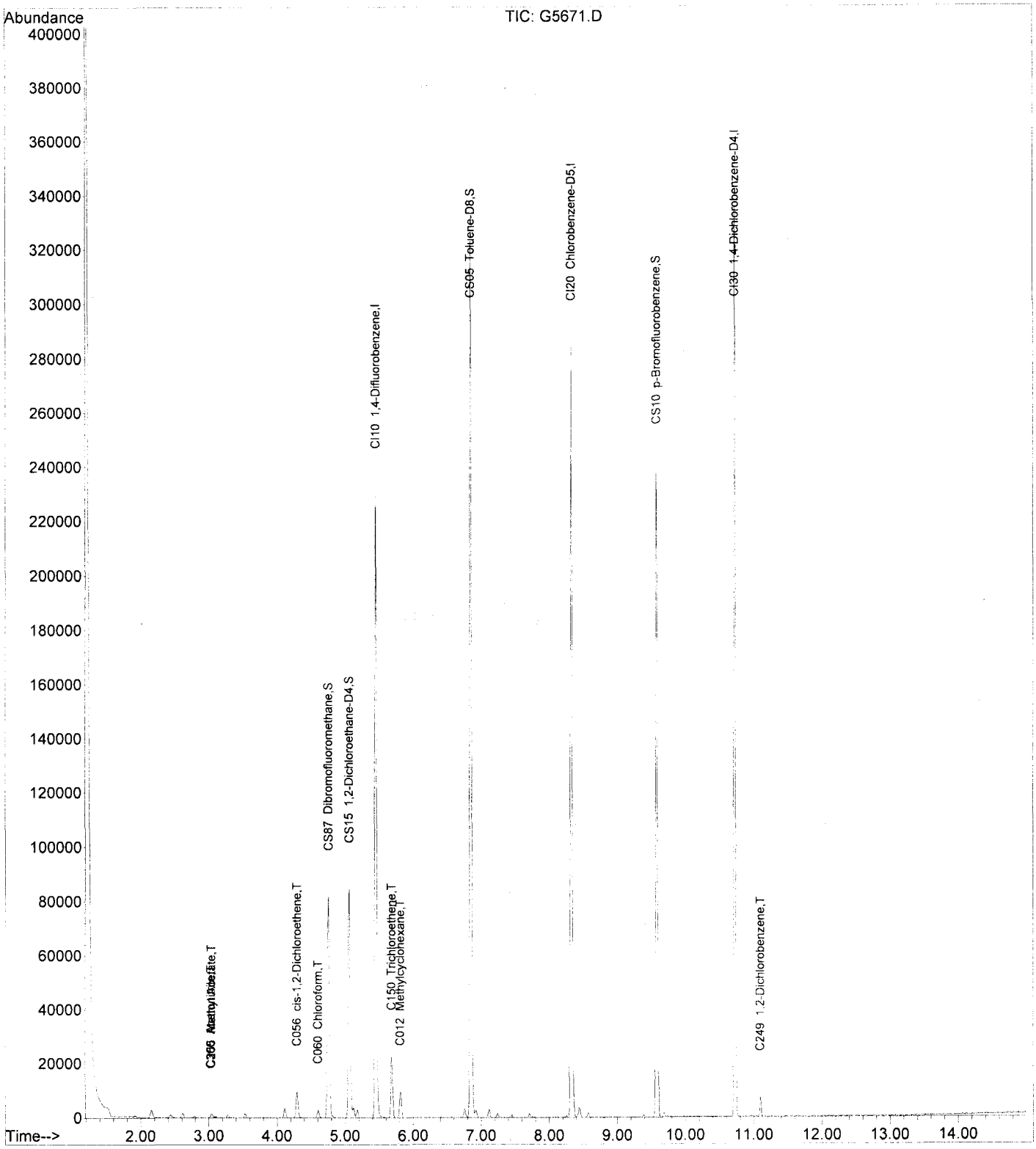
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.81	83	4583	0.71 ug/L	97
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.92	92	487	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	7.24	69	61	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.85	43	789	N.D.	
50) C220	Tetrachloroethene	7.45	166	380	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	8.35	112	595	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.45	91	2162	N.D.	
58) C246	m,p-Xylene	8.57	106	640	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.38	105	946	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	10.75	146	374	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	10.75	146	374	N.D.	
79) C249	1,2-Dichlorobenzene	11.10	146	3070	0.51 ug/L	90
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

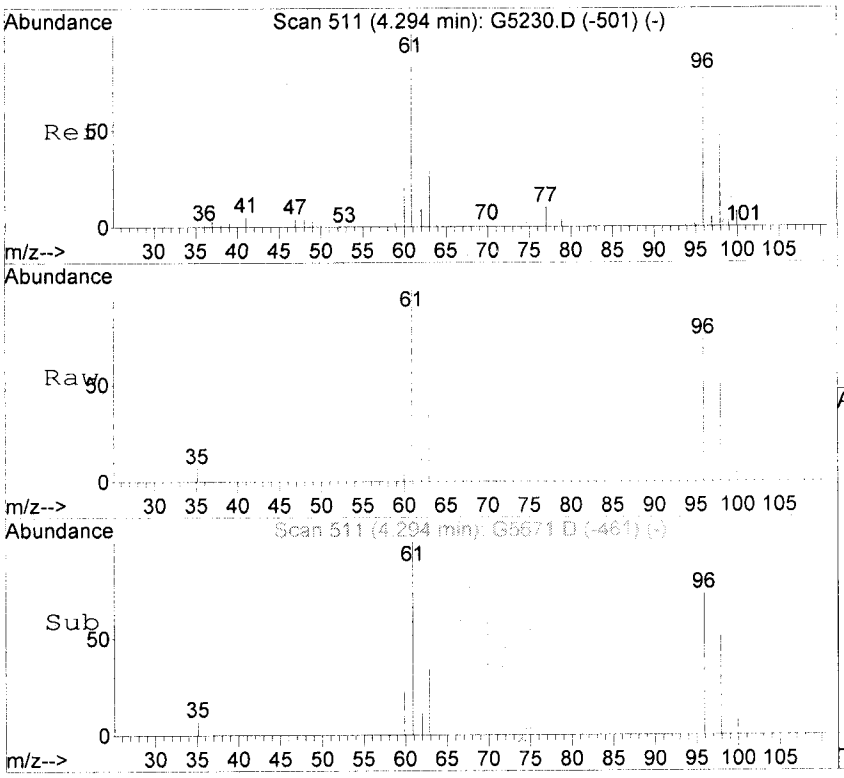
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5671.D Vial: 10
Acq On : 3 Nov 2009 00:08 Operator: NMD
Sample : RSJ1399-08 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 03 09:02:55 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

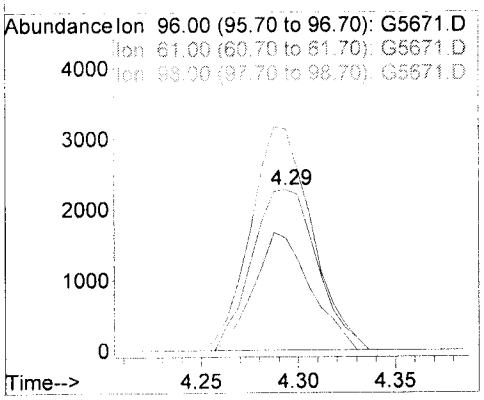


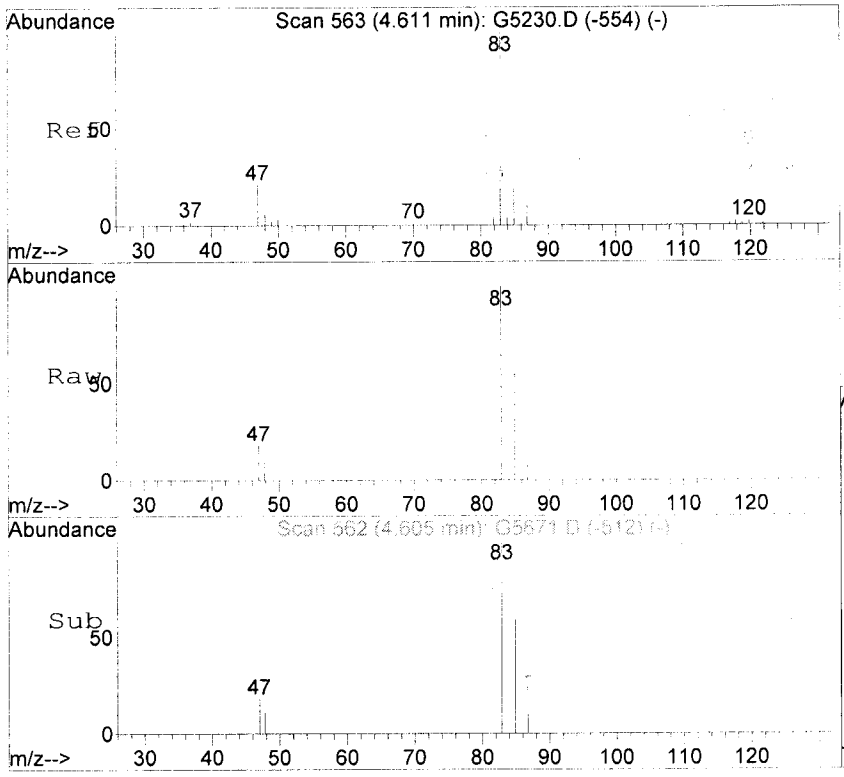


#23
C056 cis-1,2-Dichloroethene
Concen: 1.48 ug/L
RT: 4.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: G5671.D
Acq: 3 Nov 2009 00:08

Tgt Ion: 96 Resp: 5323

Ion	Ratio	Lower	Upper
96	100		
61	137.8	99.9	159.9
98	70.0	31.8	91.8

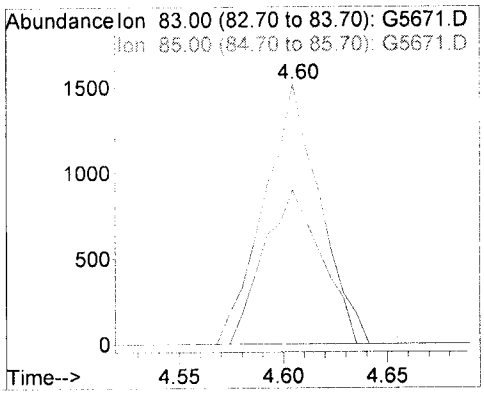


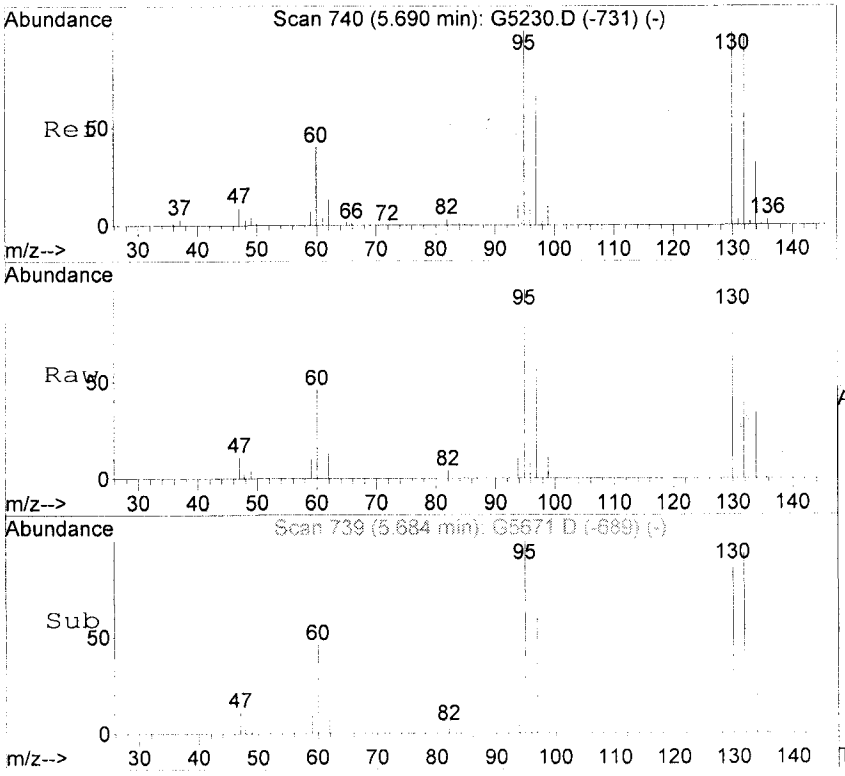


#27
C060 Chloroform
Concen: 0.50 ug/L
RT: 4.60 min Scan# 562
Delta R.T. 0.01 min
Lab File: G5671.D
Acq: 3 Nov 2009 00:08

Tgt Ion: 83 Resp: 2848

Ion	Ratio	Lower	Upper
83	100		
85	59.1	34.9	94.9

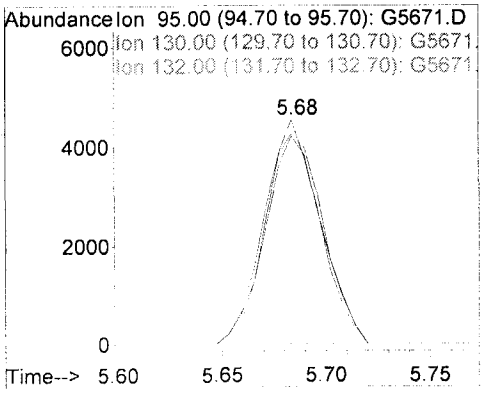


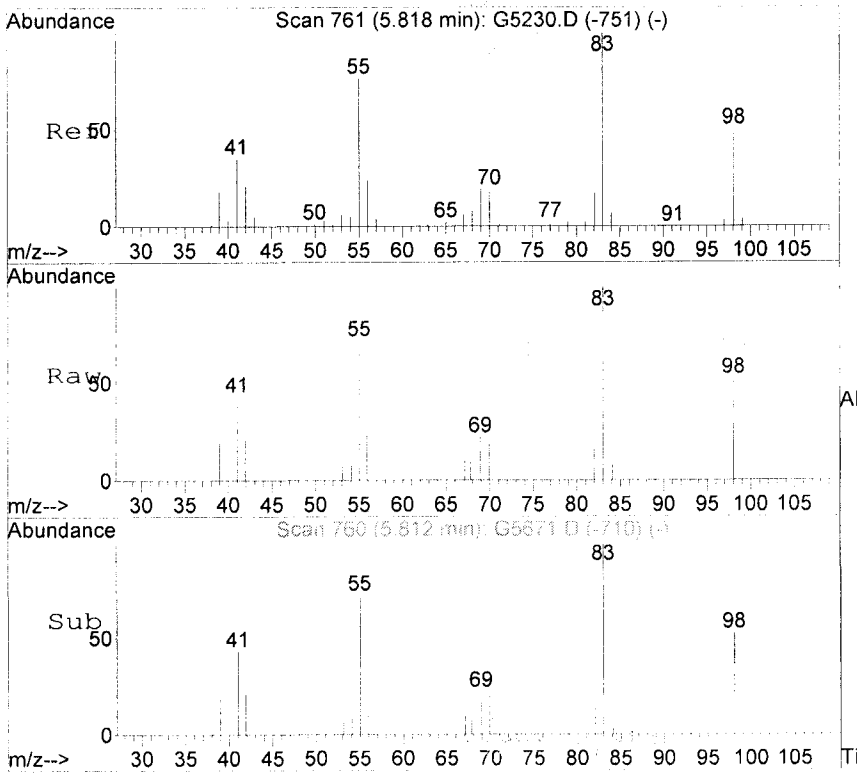


#36
C150 Trichloroethene
Concen: 2.46 ug/L
RT: 5.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: G5671.D
Acq: 3 Nov 2009 00:08

Tgt Ion: 95 Resp: 8364

Ion	Ratio	Lower	Upper
95	100		
130	93.7	77.6	137.6
132	92.8	72.8	132.8

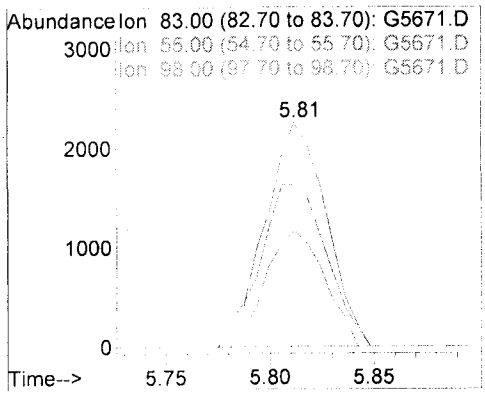


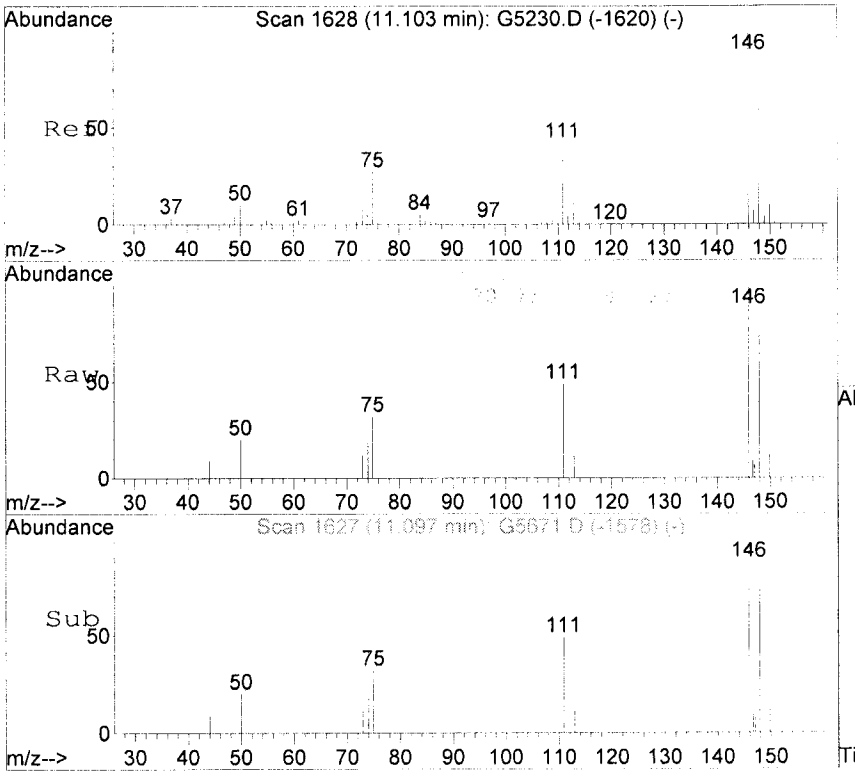


#41
C012 Methylcyclohexane
Concen: 0.71 ug/L
RT: 5.81 min Scan# 760
Delta R.T. 0.01 min
Lab File: G5671.D
Acq: 3 Nov 2009 00:08

Tgt Ion: 83 Resp: 4583

Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.8	98.6
98	49.6	40.2	60.4

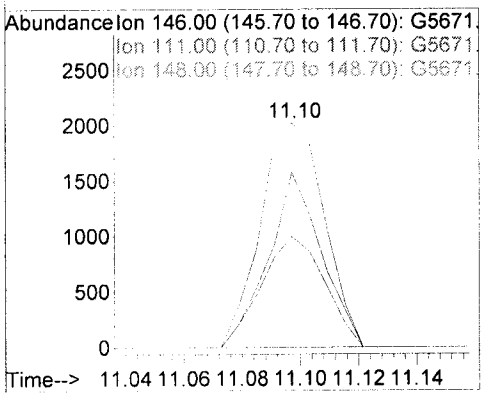




#79
C249 1,2-Dichlorobenzene
Concen: 0.51 ug/L
RT: 11.10 min Scan# 1627
Delta R.T. -0.00 min
Lab File: G5671.D
Acq: 3 Nov 2009 00:08

Tgt Ion:146 Resp: 3070

Ion	Ratio	Lower	Upper
146	100		
111	45.1	8.4	68.4
148	71.3	34.5	94.5



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: RSJ1399-09 File ID: G5672.D

Sampled: 10/26/09 00:00 Prepared: 11/02/09 19:29 Analyzed: 11/03/09 00:31

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	26.1	104	66 - 137	
4-Bromofluorobenzene	25.0	24.1	97	73 - 120	
Toluene-d8	25.0	23.4	93	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	87162	10.73	95566	10.72	
1,4-Difluorobenzene	187670	5.45	238310	5.45	
Chlorobenzene-d5	99711	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5672.D Vial: 11
Acq On : 3 Nov 2009 00:31 Operator: NMD
Sample : RSJ1399-09 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:03:00 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

11/03/09

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	187670	25.00	ug/L	0.00 78.75%
43) CI20	Chlorobenzene-D5	8.33	82	99711	25.00	ug/L	0.00 84.28%
63) CI30	1,4-Dichlorobenzene-	10.73	152	87162	25.00	ug/L	0.00 91.21%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	50220	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%	
31) CS15	1,2-Dichloroethane-D	5.06	65	57151	26.09	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	104.36%	
44) CS05	Toluene-D8	6.85	98	222596	23.35	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	93.40%	
62) CS10	p-Bromofluorobenzene	9.58	174	65499	24.13	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	96.52%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.11	84	413	N.D.
10) C040	Carbon disulfide	2.79	76	367	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
27) C060	Chloroform	0.00	83	0	N.D.
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
29) C120	Carbon tetrachlori	0.00	117	0	N.D.
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.
32) C165	Benzene	0.00	78	0	N.D.
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.
34) C110	2-Butanone	0.00	43	0	N.D.
35) C256	Cyclohexane	0.00	56	0	N.D.
36) C150	Trichloroethene	0.00	95	0	N.D.
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.
38) C278	Dibromomethane	0.00	93	0	N.D.

11/4/09

Data File : D:\MSDCHEM\G\DATA\110209\G5672.D Vial: 11
Acq On : 3 Nov 2009 00:31 Operator: NMD
Sample : RSJ1399-09 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:03:00 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

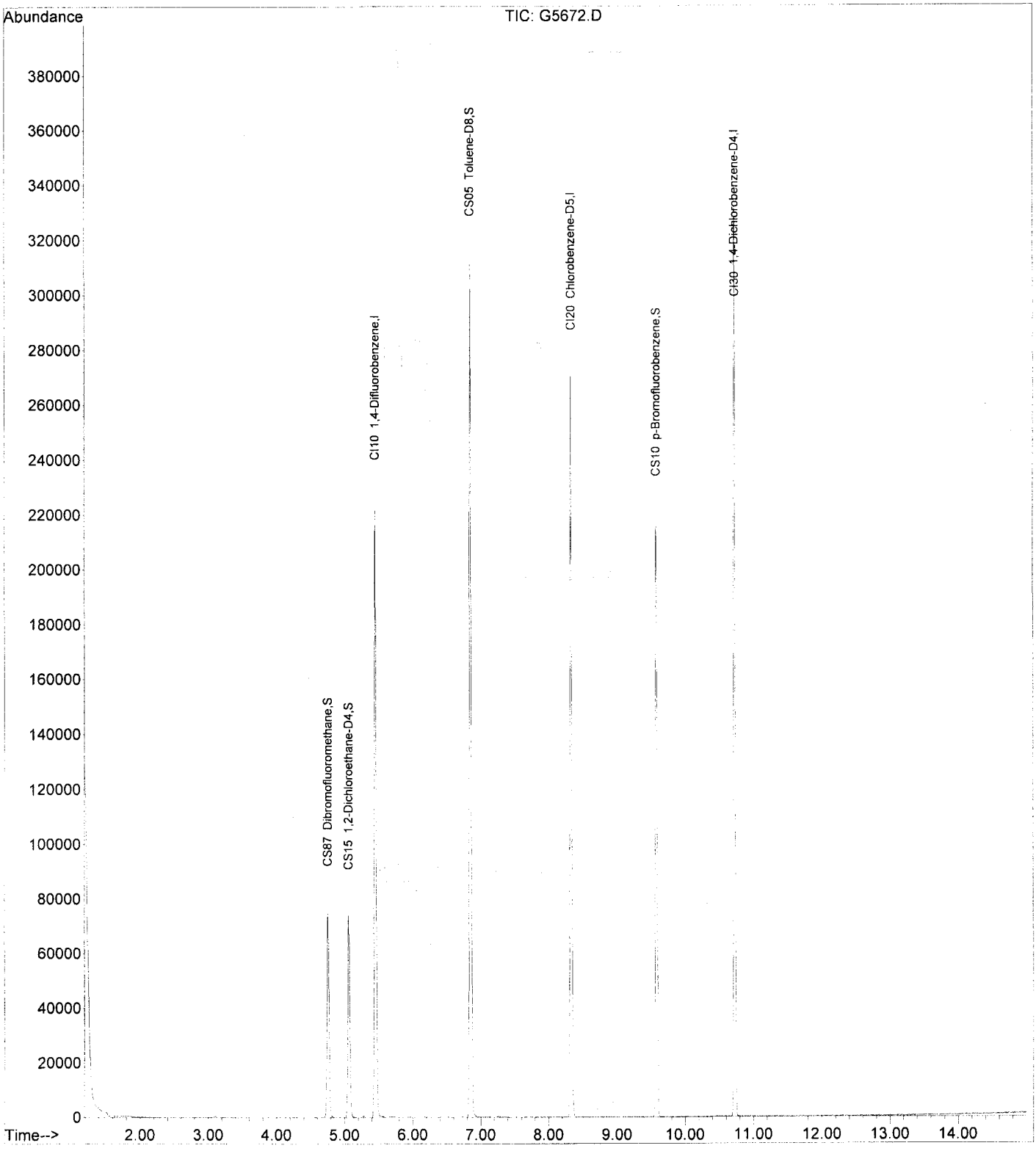
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.85	43	673	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.33	91	142	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.58	91	55	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5672.D Vial: 11
Acq On : 3 Nov 2009 00:31 Operator: NMD
Sample : RSJ1399-09 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 03 09:03:00 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

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

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R9K0205

Instrument: HP5973G

Calibration Date: 11/02/09 13:11

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
1,1,1,2-Tetrachloroethane	1	0.6968972	5	0.6812879	10	0.7093232	25	0.7376646	50	0.7686838	100	0.7424016
1,1,1-Trichloroethane	1	0.6464533	5	0.5915495	10	0.5895072	25	0.626172	50	0.6390739	100	0.6149229
1,1,2,2-Tetrachloroethane	1	0.6054802	5	0.6048879	10	0.650521	25	0.752893	50	0.7114174	100	0.7805135
1,1,2-Trichloroethane	1	0.4641116	5	0.4527617	10	0.4658673	25	0.4691037	50	0.4672976	100	0.4751865
1,1,2-Trichlorotrifluoroethane	1	0.3400934	5	0.3239453	10	0.3037382	25	0.3265863	50	0.3206453	100	0.2972143
1,1-Dichloroethane	1	0.7773743	5	0.715862	10	0.6919744	25	0.7317238	50	0.739776	100	0.7124163
1,1-Dichloroethene	1	0.4162131	5	0.3628744	10	0.3523085	25	0.3518623	50	0.363682	100	0.3539205
1,1-Dichloropropene	1	0.6073276	5	0.5687967	10	0.5710052	25	0.5829619	50	0.5885151	100	0.5737945
1,2,3-Trichlorobenzene	1	0.6351558	5	0.611428	10	0.6206976	25	0.791993	50	0.7441801	100	0.6861107
1,2,3-Trichloropropane	1	0.2057336	5	0.2184304	10	0.2139846	25	0.23734	50	0.2270219	100	0.2426407
1,2,4-Trichlorobenzene	1	0.9341553	5	0.8573958	10	0.852766	25	1.050554	50	1.029008	100	0.9936443
1,2,4-Trimethylbenzene	1	3.197724	5	3.43332	10	3.535878	25	3.930267	50	3.808141	100	3.633813
1,2-Dibromo-3-chloropropane	1	1.670806E-02	5	7.007278E-02	10	7.635704E-02	25	0.1001515	50	9.865853E-02	100	0.1080154
1,2-Dibromoethane (EDB)	1	0.5173823	5	0.4992447	10	0.5021291	25	0.5429761	50	0.5405238	100	0.5653885
1,2-Dichlorobenzene	1	1.805718	5	1.606806	10	1.628451	25	1.734874	50	1.743113	100	1.721151
1,2-Dichloroethane	1	0.4962203	5	0.4604177	10	0.4488729	25	0.4772992	50	0.4750637	100	0.485418
1,2-Dichloroethane-d4	1	0.2800253	5	0.3401216	10	0.2620165	25	0.2835519	50	0.2852291	100	0.2997753
1,2-Dichloroethene, Total	2	0.4727073	10	0.4318719	20	0.4197938	50	0.4412207	100	0.4495089	200	0.4345562
1,2-Dichloropropane	1	0.3935152	5	0.3872161	10	0.3765828	25	0.3926914	50	0.3910943	100	0.3843284
1,3,5-Trimethylbenzene	1	3.492234	5	3.519129	10	3.613309	25	3.993951	50	3.953972	100	3.823757
1,3-Dichlorobenzene	1	1.959083	5	1.839595	10	1.874632	25	1.920188	50	1.972828	100	1.914392
1,3-Dichloropropane	1	1.076846	5	1.005194	10	1.035276	25	1.054653	50	1.057906	100	1.069646
1,3-Dichloropropene, Total	2	0.4676911	10	0.478194	20	0.5042972	50	0.5624318	100	0.5647651	200	0.5720183
1,4-Dichlorobenzene	1	2.079032	5	1.84284	10	1.918692	25	1.937595	50	1.978529	100	1.950746
2,2-Dichloropropane	1	0.5111433	5	0.4781388	10	0.4943559	25	0.4962782	50	0.5308933	100	0.4784138
2-Butanone	5	0.107947	25	0.1018026	50	0.0999213	125	0.1130453	250	0.1049776	500	0.1079128
2-Chloroethyl vinyl ether	5	0.1095271	25	0.11797	50	0.1301766	125	0.1606708	250	0.1626164	500	0.1676698
2-Chlorotoluene	1	0.9518608	5	0.9457612	10	0.9564238	25	1.036897	50	1.028096	100	1.031984
2-Hexanone	5	0.3235646	25	0.3260868	50	0.329749	125	0.3696186	250	0.3526293	500	0.3543861
4-Bromofluorobenzene	1	0.694708	5	0.7872601	10	0.5900269	25	0.6640547	50	0.6836447	100	0.6632305
4-Chlorotoluene	1	1.025676	5	0.9568745	10	0.9805024	25	1.051725	50	1.044933	100	1.046621
4-Methyl-2-pentanone (MIBK)	5	0.4698036	25	0.485711	50	0.4884043	125	0.5217174	250	0.5050076	500	0.4971332
Acetone	5	7.010037E-02	25	6.465666E-02	50	6.322399E-02	125	7.016718E-02	250	6.646412E-02	500	6.877992E-02
Acetonitrile	40	2.578916E-02	200	2.289344E-02	400	2.222134E-02	1000	2.501329E-02	2000	2.338236E-02	4000	2.380136E-02
Acrolein	20	1.283501E-02	100	1.398378E-02	200	1.387808E-02	500	1.555721E-02	1000	1.545745E-02	2000	1.615147E-02
Acrylonitrile	5	7.351134E-02	25	7.702391E-02	50	7.337287E-02	125	8.498049E-02	250	8.122077E-02	500	0.082702
Benzene	1	1.797529	5	1.729739	10	1.691829	25	1.73336	50	1.725432	100	1.665938
Bromobenzene	1	0.9680701	5	0.9274685	10	0.9618689	25	1.055593	50	1.097669	100	1.073156
Bromochloromethane	1	0.1886064	5	0.1727311	10	0.1740943	25	0.1887772	50	0.1837651	100	0.1883982
Bromodichloromethane	1	0.4004123	5	0.4125288	10	0.4264575	25	0.4749135	50	0.4933592	100	0.5043841
Bromoform	1	0.1493751	5	0.2462628	10	0.2805253	25	0.3669858	50	0.4088949	100	0.4562354
Bromomethane	1	0.1608923	5	0.1419013	10	0.1382753	25	0.1516607	50	0.1415544	100	0.1276927
Carbon disulfide	1	1.143802	5	1.037865	10	1.01516	25	1.101178	50	1.158145	100	1.084072
Carbon Tetrachloride	1	0.4766575	5	0.4502882	10	0.4671357	25	0.5055619	50	0.5255788	100	0.5202046

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

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

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R9K0205

Instrument: HP5973G

Calibration Date: 11/02/09 13:11

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
Chlorobenzene	1	2.506154	5	2.249953	10	2.269722	25	2.308356	50	2.341555	100	2.253767
Chlorodibromomethane	1	0.4402736	5	0.4785061	10	0.5291349	25	0.5943718	50	0.6330337	100	0.6627248
Chloroethane	1	0.2602116	5	0.2297123	10	0.22061	25	0.237073	50	0.2289107	100	0.2151336
Chloroform	1	0.7435154	5	0.709749	10	0.6791143	25	0.7218529	50	0.7199844	100	0.7115966
Chloromethane	1	0.3476176	5	0.2841115	10	0.2663104	25	0.2973342	50	0.2834943	100	0.253572
cis-1,2-Dichloroethene	1	0.4845579	5	0.4408428	10	0.4365564	25	0.4571366	50	0.4603708	100	0.4505679
cis-1,3-Dichloropropene	1	0.5286998	5	0.5290953	10	0.558243	25	0.6105219	50	0.6095321	100	0.6071055
Cyclohexane	1	0.6781803	5	0.7258812	10	0.6935724	25	0.7376093	50	0.7228482	100	0.6642882
Dibromomethane	1	0.1924939	5	0.1741214	10	0.1753553	25	0.1851895	50	0.1826866	100	0.1921768
Dichlorodifluoromethane	1	0.316643	5	0.2770495	10	0.278279	25	0.2849204	50	0.291193	100	0.2566817
Ethyl Methacrylate	1	0.6535995	5	0.7313018	10	0.7755491	25	0.8768402	50	0.8854332	100	0.8820927
Ethylbenzene	1	4.415871	5	4.021266	10	4.104348	25	4.109777	50	4.229646	100	3.967225
Hexachlorobutadiene	1	0.6536094	5	0.5621066	10	0.5602264	25	0.6429208	50	0.6298342	100	0.5418573
Iodomethane	1	0.5811183	5	0.5532604	10	0.5450786	25	0.5761101	50	0.5997682	100	0.5600421
Isopropylbenzene	1	4.44634	5	4.360248	10	4.431081	25	4.811334	50	5.027288	100	4.682137
Methyl Acetate	1	0.1892334	5	0.1915998	10	0.1884436	25	0.2087641	50	0.195172	100	0.2003067
Methylcyclohexane	1	0.8249021	5	0.8261831	10	0.7823316	25	0.8349222	50	0.8266206	100	0.7790548
Methylene Chloride	1	0.4767829	5	0.4001704	10	0.3738107	25	0.3949198	50	0.3995548	100	0.3944269
Methyl-t-Butyl Ether (MTBE)	1	0.9839133	5	0.9396379	10	0.8682971	25	1.01	50	1.003892	100	0.9804982
m-Xylene & p-Xylene	2	1.713783	10	1.571816	20	1.582586	50	1.595489	100	1.612488	200	1.509499
Naphthalene	1	1.079042	5	1.162323	10	1.25863	25	1.714438	50	1.616043	100	1.608711
n-Butylbenzene	1	3.188247	5	3.14167	10	3.294443	25	3.53109	50	3.584055	100	3.370732
n-Propylbenzene	1	4.973516	5	5.055862	10	5.268336	25	5.754311	50	5.64618	100	5.520861
o-Xylene	1	1.610039	5	1.520082	10	1.486576	25	1.461829	50	1.555608	100	1.443127
p-Cymene	1	3.566797	5	3.634146	10	3.737149	25	3.973643	50	4.040045	100	3.806463
sec-Butylbenzene	1	4.143101	5	4.017948	10	4.143487	25	4.674951	50	4.52537	100	4.304569
Styrene	1	1.896582	5	1.974676	10	2.043568	25	2.070162	50	2.227911	100	2.113085
tert-Butylbenzene	1	0.7600922	5	0.7605724	10	0.7853011	25	0.8704402	50	0.8496068	100	0.7999665
Tetrachloroethene	1	1.031359	5	0.9331897	10	0.951143	25	0.9178754	50	0.9406078	100	0.899229
Tetrahydrofuran	5	7.877827E-02	25	7.096387E-02	50	0.0674353	125	7.539807E-02	250	6.923748E-02	500	7.281209E-02
Toluene	1	2.392559	5	2.201727	10	2.237763	25	2.170049	50	2.232364	100	2.122828
Toluene-d8	1	2.357288	5	2.746248	10	2.241349	25	2.319884	50	2.37351	100	2.302992
trans-1,2-Dichloroethene	1	0.4608567	5	0.4229011	10	0.4030312	25	0.4253047	50	0.4386471	100	0.4185445
trans-1,3-Dichloropropene	1	0.7888438	5	0.8653872	10	0.9284626	25	1.006633	50	1.045674	100	1.075362
trans-1,4-Dichloro-2-butene	5	4.553571E-02	25	6.735838E-02	50	8.104787E-02	125	0.1034695	250	0.1067516	500	0.1155959
Trichloroethene	1	0.4402905	5	0.4221949	10	0.4183806	25	0.4314214	50	0.4355079	100	0.4289162
Trichlorofluoromethane	1	0.5988001	5	0.5187672	10	0.5281638	25	0.5267647	50	0.551853	100	0.508848
Vinyl acetate	5	0.5208495	25	0.5331427	50	0.5313033	125	0.5835787	250	0.5537539	500	0.5500912
Vinyl chloride	1	0.4123256	5	0.3357521	10	0.3323064	25	0.3646922	50	0.3515065	100	0.3173467
Xylenes, total	3	1.679202	15	1.554571	30	1.550583	75	1.550936	150	1.593528	300	1.487375

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

SDG:

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

Project: Arcadis, Geraghty & Miller - NY9A8463

Calibration: R9K0205

Instrument: HP5973G

Calibration Date: 11/02/09 13:11

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.7227097	4.499128	8.456667	6.197716E-02			15	
1,1,1-Trichloroethane	0.6179465	3.857726	4.721666	8.765011E-02			15	
1,1,2,2-Tetrachloroethane	0.6842855	11.00549	9.781666	3.818879E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.4657214	1.589762	7.38	9.891013E-03			15	
1,1,2-Trichlorotrifluoroethane	0.3187038	4.934593	2.613333	0.1976626			15	
1,1-Dichloroethane	0.7281878	4.017015	3.736667	0.1385484			SPCC (0.1)	
1,1-Dichloroethene	0.3668101	6.75066	2.59	1.844393E-02			CCC (30)	
1,1-Dichloropropene	0.5820668	2.486539	4.87	2.158541E-02			15	
1,2,3-Trichlorobenzene	0.6815942	10.76401	12.92	1.874711E-02			15	
1,2,3-Trichloropropane	0.2241919	6.305937	9.815	5.611691E-02			15	
1,2,4-Trichlorobenzene	0.9529206	8.964668	12.51	9.120699E-03			15	
1,2,4-Trimethylbenzene	3.589857	7.334662	10.37	1.446304E-02			15	
1,2-Dibromo-3-chloropropane	7.832722E-02	42.87867	11.825	4.365905E-02	0.99925		0.99	
1,2-Dibromoethane (EDB)	0.5279408	4.930529	7.878333	5.232382E-02			15	
1,2-Dichlorobenzene	1.706686	4.403059	11.1	1.307304E-02			15	
1,2-Dichloroethane	0.473882	3.595947	5.133333	9.988568E-02			15	
1,2-Dichloroethane-d4	0.2917866	9.113274	5.06	7.727578E-03			15	
1,2-Dichloroethene, Total	0.4416098	4.11372	4.29	2.204579E-02			15	
1,2-Dichloropropane	0.3875714	1.653477	5.92	1.917853E-02			CCC (30)	
1,3,5-Trimethylbenzene	3.732725	5.908337	9.991666	3.983896E-02			15	
1,3-Dichlorobenzene	1.913453	2.625172	10.66	7.135707E-03			15	
1,3-Dichloropropane	1.04992	2.489177	7.54	1.606185E-02			15	
1,3-Dichloropropene, Total	0.5248996	8.975069	7.19	1.750117E-02			15	
1,4-Dichlorobenzene	1.951239	3.974525	10.74167	3.815623E-02			15	
2,2-Dichloropropane	0.4982039	4.063107	4.26	9.315157E-03			15	
2-Butanone	0.1059344	4.481139	4.338333	0.4473087			15	
2-Chloroethyl vinyl ether	0.1414385	17.89309	6.49	1.758089E-02	0.99983		0.99	
2-Chlorotoluene	0.9918371	4.493589	9.911667	4.429089E-02			15	
2-Hexanone	0.3426724	5.490088	7.615	7.276657E-02			15	
4-Bromofluorobenzene	0.6804875	9.378249	9.581667	4.115417E-02			15	
4-Chlorotoluene	1.017722	3.901441	10.03	2.052034E-02			15	
4-Methyl-2-pentanone (MIBK)	0.4946295	3.596534	6.775	0.1243446			15	
Acetone	6.723204E-02	4.337715	2.726667	0.7573732			15	
Acetonitrile	2.385016E-02	5.594649	3.005	0.1816479			15	
Acrolein	1.464383E-02	8.671821	2.553333	0.3196906			15	
Acrylonitrile	0.0788019	6.213279	3.371667	0.2230046			15	
Benzene	1.723971	2.585622	5.07	2.059171E-02			15	
Bromobenzene	1.013971	6.909872	9.73	1.323738E-02			15	
Bromochloromethane	0.1827287	4.086907	4.523333	0.1804009			15	
Bromodichloromethane	0.4520092	9.820116	6.206667	8.589802E-02			15	
Bromoform	0.3180465	35.78182	9.27	1.389425E-02	0.99850		SPCC (0.1)	
Bromomethane	0.1436628	7.951353	1.783333	0.2892545			15	
Carbon disulfide	1.090037	5.192451	2.783333	0.1849983			15	
Carbon Tetrachloride	0.4909045	6.241031	4.86	2.144987E-02			15	
Chlorobenzene	2.321585	4.178842	8.355	6.426949E-02			SPCC (0.3)	
Chlorodibromomethane	0.5563408	15.85757	7.77	1.784319E-02	0.99966		0.99	
Chloroethane	0.2319419	6.818595	1.88	0.5827441			15	
Chloroform	0.7143021	2.94255	4.6	2.027401E-02			CCC (30)	
Chloromethane	0.28874	11.30683	1.401667	0.2911807			SPCC (0.1)	
cis-1,2-Dichloroethene	0.4550054	3.764962	4.29	2.204579E-02			15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

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

Calibration: R9K0205

SDG:

Project: Arcadis, Geraghty & Miller - NY9A8463

Instrument: HP5973G

Calibration Date: 11/02/09 13:11

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
cis-1,3-Dichloropropene	0.5738663	6.974227	6.62	1.102654E-02			15	
Cyclohexane	0.7037299	4.174765	4.73	9.584792E-03			15	
Dibromomethane	0.1836706	4.313318	6.05	2.136543E-02			15	
Dichlorodifluoromethane	0.2841278	6.942306	1.268333	0.3214068			15	
Ethyl Methacrylate	0.8008027	12.06693	7.243333	6.936915E-02			15	
Ethylbenzene	4.141356	3.897489	8.45	8.586435E-03			CCC (30)	
Hexachlorobutadiene	0.5984258	8.182953	12.62	2.326782E-02			15	
Iodomethane	0.5692296	3.55193	2.746667	0.1876959			15	
Isopropylbenzene	4.626405	5.631747	9.38	2.144103E-02			15	
Methyl Acetate	0.1955866	3.982577	3.01	0.4199844			15	
Methylcyclohexane	0.8123357	3.051238	5.81	1.140391E-02			15	
Methylene Chloride	0.4066109	8.782591	3.093333	0.1673695			15	
Methyl-t-Butyl Ether (MTBE)	0.9643731	5.511987	3.33	0.3800564			15	
m-Xylene & p-Xylene	1.59761	4.187362	8.57	1.755412E-02			15	
Naphthalene	1.406531	19.29702	12.715	3.901666E-02	0.99947		0.99	
n-Butylbenzene	3.351706	5.347788	11.05	1.800804E-02			15	
n-Propylbenzene	5.369844	5.964709	9.82	1.549219E-02			15	
o-Xylene	1.512877	4.125883	9	0			15	
p-Cymene	3.79304	4.909192	10.66667	4.727761E-02			15	
sec-Butylbenzene	4.301571	5.881637	10.52	7.544215E-03			15	
Styrene	2.054331	5.557716	9.021667	0.0400421			15	
tert-Butylbenzene	0.8043299	5.744224	10.31833	4.254837E-02			15	
Tetrachloroethene	0.9455673	4.842485	7.45	1.781947E-02			15	
Tetrahydrofuran	7.243751E-02	5.743421	4.576667	0.5641604			15	
Toluene	2.226215	4.130887	6.92	1.640706E-02			CCC (30)	
Toluene-d8	2.390212	7.550171	6.85	2.203062E-02			15	
trans-1,2-Dichloroethene	0.4282142	4.598483	3.323333	0.1563285			15	
trans-1,3-Dichloropropene	0.9517271	11.66755	7.19	1.750117E-02			15	
trans-1,4-Dichloro-2-butene	8.662649E-02	31.05593	9.82	1.549219E-02	0.99935		0.99	
Trichloroethene	0.4294519	1.901862	5.68	1.027446E-02			15	
Trichlorofluoromethane	0.5388661	6.05712	2.076667	0.3933254			15	
Vinyl acetate	0.5454532	4.100327	3.793333	0.1356483			15	
Vinyl chloride	0.3523216	9.543312	1.508333	0.4988639			CCC (30)	
Xylenes, total	1.569366	4.058301	9	0			15	

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : R9K0205-SIXPT.M
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:57:06 2009
Response Via : Initial Calibration

Calibration Files
1 =G5653.D 2 =G5654.D 3 =G5655.D
4 =G5656.D 5 =G5657.D 6 =G5658.D

		Compound		1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.317	0.277	0.278	0.285	0.291	0.257	0.284	6.94
3)	T	C010	Chloromethane	0.348	0.284	0.266	0.297	0.283	0.254	0.289	11.31
4)	T	C020	Vinyl chlorid	0.412	0.336	0.332	0.365	0.352	0.317	0.352	9.54
5)	T	C015	Bromomethane	0.161	0.142	0.138	0.152	0.142	0.128	0.144	7.95
6)	T	C025	Chloroethane	0.260	0.230	0.221	0.237	0.229	0.215	0.232	6.82
7)	T	C275	Trichlorofluo	0.599	0.519	0.528	0.527	0.552	0.509	0.539	6.06
8)	T	C045	1,1-Dichloroe	0.416	0.363	0.352	0.352	0.364	0.354	0.367	6.75
9)	T	C030	Methylene chl	0.477	0.400	0.374	0.395	0.400	0.394	0.407	8.78
10)	T	C040	Carbon disulf	1.144	1.038	1.015	1.101	1.158	1.084	1.090	5.19
11)	T	C036	Acrolein	0.013	0.014	0.014	0.016	0.015	0.016	0.015	8.67
12)	T	C038	Acrylonitrile	0.074	0.077	0.073	0.085	0.081	0.083	0.079	6.21
13)	T	C035	Acetone	0.070	0.065	0.063	0.070	0.066	0.069	0.067	4.34
14)	T	C300	Acetonitrile	0.026	0.023	0.022	0.025	0.023	0.024	0.024	5.59
15)	T	C276	Iodomethane	0.581	0.553	0.545	0.576	0.600	0.560	0.569	3.55
16)	T	C291	1,1,2-Trichlo	0.340	0.324	0.304	0.327	0.321	0.297	0.319	4.93
17)	T	C962	T-butyl Methy	0.984	0.940	0.868	1.010	1.004	0.980	0.964	5.51
18)	T	C057	trans-1,2-Dic	0.461	0.423	0.403	0.425	0.439	0.419	0.428	4.60
19)	T	C255	Methyl Acetat	0.189	0.192	0.188	0.209	0.195	0.200	0.196	3.98
20)	T	C050	1,1-Dichloroe	0.777	0.716	0.692	0.732	0.740	0.712	0.728	4.02
21)	T	C125	Vinyl Acetate	0.521	0.533	0.531	0.584	0.554	0.550	0.545	4.10
22)	T	C051	2,2-Dichlorop	0.511	0.478	0.494	0.496	0.531	0.478	0.498	4.06
23)	T	C056	cis-1,2-Dichl	0.485	0.441	0.437	0.457	0.460	0.451	0.455	3.76
24)	T	C272	Tetrahydrofur	0.079	0.071	0.067	0.075	0.069	0.073	0.072	5.74
25)	T	C222	Bromochlorome	0.189	0.173	0.174	0.189	0.184	0.188	0.183	4.09
26)	S	CS87	Dibromofluoro	0.240	0.303	0.235	0.272	0.269	0.276	0.266	9.44
27)	T	C060	Chloroform	0.744	0.710	0.679	0.722	0.720	0.712	0.714	2.94
28)	T	C115	1,1,1-Trichlo	0.646	0.592	0.590	0.626	0.639	0.615	0.618	3.86
29)	T	C120	Carbon tetrac	0.477	0.450	0.467	0.506	0.526	0.520	0.491	6.24
30)	T	C116	1,1-Dichlorop	0.607	0.569	0.571	0.583	0.589	0.574	0.582	2.49
31)	S	CS15	1,2-Dichloroe	0.280	0.340	0.262	0.284	0.285	0.300	0.292	9.11
32)	T	C165	Benzene	1.798	1.730	1.692	1.733	1.725	1.666	1.724	2.59
33)	T	C065	1,2-Dichloroe	0.496	0.460	0.449	0.477	0.475	0.485	0.474	3.60
34)	T	C110	2-Butanone	0.108	0.102	0.100	0.113	0.105	0.108	0.106	4.48
35)	T	C256	Cyclohexane	0.678	0.726	0.694	0.738	0.723	0.664	0.704	4.17
36)	T	C150	Trichloroethe	0.440	0.422	0.418	0.431	0.436	0.429	0.429	1.90
37)	T	C140	1,2-Dichlorop	0.394	0.387	0.377	0.393	0.391	0.384	0.388	1.65
38)	T	C278	Dibromomethan	0.192	0.174	0.175	0.185	0.183	0.192	0.184	4.31
39)	T	C130	Bromodichloro	0.400	0.413	0.426	0.475	0.493	0.504	0.452	9.82
40)	T	C161	2-Chloroethyl	0.110	0.118	0.130	0.161	0.163	0.168	-----	
									L	M= 0.170	R=1.000
										B= -0.049	
41)	T	C012	Methylcyclohe	0.825	0.826	0.782	0.835	0.827	0.779	0.812	3.05
42)	T	C145	cis-1,3-Dichl	0.529	0.529	0.558	0.611	0.610	0.607	0.574	6.97
43)	I	CI20	Chlorobenzene-D	ISTD							
44)	S	CS05	Toluene-D8	2.357	2.746	2.241	2.320	2.374	2.303	2.390	7.55
45)	T	C230	Toluene	2.393	2.202	2.238	2.170	2.232	2.123	2.226	4.13
46)	T	C170	trans-1,3-Dic	0.789	0.865	0.928	1.007	1.046	1.075	0.952	11.67
47)	T	C284	Ethyl Methacr	0.654	0.731	0.776	0.877	0.885	0.882	0.801	12.07
48)	T	C160	1,1,2-Trichlo	0.464	0.453	0.466	0.469	0.467	0.475	0.466	1.59
49)	T	C210	4-Methyl-2-pe	0.470	0.486	0.488	0.522	0.505	0.497	0.495	3.60
50)	T	C220	Tetrachloroet	1.031	0.933	0.951	0.918	0.941	0.899	0.946	4.84
51)	T	C221	1,3-Dichlorop	1.077	1.005	1.035	1.055	1.058	1.070	1.050	2.49
52)	T	C155	Dibromochloro	0.440	0.479	0.529	0.594	0.633	0.663	-----	
									L	M= 0.669	R=0.999

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : R9K0205-SIXPT.M
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:57:06 2009
Response Via : Initial Calibration

Calibration Files
1 =G5653.D 2 =G5654.D 3 =G5655.D
4 =G5656.D 5 =G5657.D 6 =G5658.D

										B= -0.046		
53)	T	C163	1,2-Dibromoet	0.517	0.499	0.502	0.543	0.541	0.565	0.528		4.93
54)	T	C215	2-Hexanone	0.324	0.326	0.330	0.370	0.353	0.354	0.343		5.49
55)	T	C235	Chlorobenzene	2.506	2.250	2.270	2.308	2.342	2.254	2.322		4.18
56)	T	C281	1,1,1,2-Tetra	0.697	0.681	0.709	0.738	0.769	0.742	0.723		4.50
57)	T	C240	Ethylbenzene	4.416	4.021	4.104	4.110	4.230	3.967	4.141		3.90
58)	T	C246	m,p-Xylene	1.714	1.572	1.583	1.595	1.612	1.509	1.598		4.19
59)	T	C247	o-Xylene	1.610	1.520	1.487	1.462	1.556	1.443	1.513		4.13
60)	T	C245	Styrene	1.897	1.975	2.044	2.070	2.228	2.113	2.054		5.56
61)	T	C180	Bromoform	0.146	0.224	0.252	0.309	0.341	0.370	-----		
									L	M= 0.375	R=0.998	
										B= -0.041		
62)	S	CS10	p-Bromofluoro	0.695	0.787	0.590	0.664	0.684	0.663	0.680		9.38
63)	I	CI30	1,4-Dichloroben	----------	----------	----------	ISTD	----------	----------	----------		
64)	T	C966	Isopropylbenz	4.446	4.360	4.431	4.811	5.027	4.682	4.626		5.63
65)	T	C301	Bromobenzene	0.968	0.927	0.962	1.056	1.098	1.073	1.014		6.91
66)	T	C225	1,1,2,2-Tetra	0.605	0.605	0.651	0.753	0.711	0.781	0.684		11.01
67)	T	C282	1,2,3-Trichlo	0.206	0.218	0.214	0.237	0.227	0.243	0.224		6.31
68)	T	C283	t-1,4-Dichlor	0.046	0.067	0.081	0.103	0.107	0.116	-----		
									L	M= 0.117	R=0.999	
										B= -0.056		
69)	T	C302	n-Propylbenze	4.974	5.056	5.268	5.754	5.646	5.521	5.370		5.96
70)	T	C303	2-Chlorotolue	0.952	0.946	0.956	1.037	1.028	1.032	0.992		4.49
71)	T	C289	4-Chlorotolue	1.026	0.957	0.981	1.052	1.045	1.047	1.018		3.90
72)	T	C304	1,3,5-Trimeth	3.492	3.519	3.613	3.994	3.954	3.824	3.733		5.91
73)	T	C306	tert-Butylben	0.760	0.761	0.785	0.870	0.850	0.800	0.804		5.74
74)	T	C307	1,2,4-Trimeth	3.198	3.433	3.536	3.930	3.808	3.634	3.590		7.33
75)	T	C308	sec-Butylbenz	4.143	4.018	4.143	4.675	4.525	4.305	4.302		5.88
76)	T	C260	1,3-Dichlorob	1.959	1.840	1.875	1.920	1.973	1.914	1.913		2.63
77)	T	C309	4-Isopropylto	3.567	3.634	3.737	3.974	4.040	3.806	3.793		4.91
78)	T	C267	1,4-Dichlorob	2.079	1.843	1.919	1.938	1.979	1.951	1.951		3.97
79)	T	C249	1,2-Dichlorob	1.806	1.607	1.628	1.735	1.743	1.721	1.707		4.40
80)	T	C310	n-Butylbenzen	3.188	3.142	3.294	3.531	3.584	3.371	3.352		5.35
81)	T	C286	1,2-Dibromo-3	0.017	0.070	0.076	0.100	0.099	0.108	-----		
									L	M= 0.109	R=0.998	
										B= -0.010		
82)	T	C313	1,2,4-Trichlo	0.934	0.857	0.853	1.051	1.029	0.994	0.953		8.96
83)	T	C316	Hexachlorobut	0.654	0.562	0.560	0.643	0.630	0.542	0.598		8.18
84)	T	C314	Naphthalene	1.079	1.162	1.259	1.714	1.616	1.609	-----		
									L	M= 1.628	R=0.999	
										B= -0.047		
85)	T	C934	1,2,3-Trichlo	0.635	0.611	0.621	0.792	0.744	0.686	0.682		10.76

Total Average %RSD 5.68

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R9K0205-SIXPT.M Mon Nov 02 17:57:43 2009 HP5973S

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5653.D Vial: 3
Acq On : 2 Nov 2009 13:11 Operator: RJ
Sample : RK90212-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:54:44 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	199357	25.00	ug/L		0.00 92.17%
43) CI20	Chlorobenzene-D5	8.32	82	102777	25.00	ug/L		0.00 93.00%
63) CI30	1,4-Dichlorobenzene-	10.73	152	100251	25.00	ug/L		0.00 107.72%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.75	111	1912	0.90	ug/L		0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	3.60%#		
31) CS15	1,2-Dichloroethane-D	5.06	65	2233	0.96	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	3.84%#		
44) CS05	Toluene-D8	6.85	98	9691	0.99	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	3.96%#		
62) CS10	p-Bromofluorobenzene	9.59	174	2856	1.02	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	4.08%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.27	85	2525	1.11	ug/L	#	100
3) C010	Chloromethane	1.40	50	2772	1.20	ug/L		99
4) C020	Vinyl chloride	1.50	62	3288	1.17	ug/L		84
5) C015	Bromomethane	1.78	94	1283	1.12	ug/L		85
6) C025	Chloroethane	1.89	64	2075	1.12	ug/L		75
7) C275	Trichlorofluorometha	2.07	101	4775m	1.11	ug/L		83
8) C045	1,1-Dichloroethene	2.59	96	3319	1.13	ug/L	#	79
9) C030	Methylene chloride	3.09	84	3802	1.17	ug/L		87
10) C040	Carbon disulfide	2.78	76	9121	1.05	ug/L		100
11) C036	Acrolein	2.56	56	2047	17.53	ug/L		93
12) C038	Acrylonitrile	3.38	53	2931	4.66	ug/L		89
13) C035	Acetone	2.76	43	2795	5.21	ug/L		96
14) C300	Acetonitrile	3.01	41	8226	43.25	ug/L		98
15) C276	Iodomethane	2.74	142	4634	1.02	ug/L		95
16) C291	1,1,2-Trichloro-1,2,	2.61	101	2712	1.07	ug/L	#	85
17) C962	T-butyl Methyl Ether	3.35	73	7846	1.02	ug/L		96
18) C057	trans-1,2-Dichloroet	3.32	96	3675	1.08	ug/L		96
19) C255	Methyl Acetate	3.03	43	1509	0.97	ug/L	#	66
20) C050	1,1-Dichloroethane	3.73	63	6199	1.07	ug/L		95
21) C125	Vinyl Acetate	3.80	43	20767	4.77	ug/L		94
22) C051	2,2-Dichloropropane	4.26	77	4076	1.03	ug/L		96
23) C056	cis-1,2-Dichloroethe	4.29	96	3864	1.06	ug/L		98
24) C272	Tetrahydrofuran	4.62	42	3141	5.44	ug/L		75
25) C222	Bromochloromethane	4.51	128	1504	1.03	ug/L		97
27) C060	Chloroform	4.60	83	5929	1.04	ug/L		92
28) C115	1,1,1-Trichloroethan	4.72	97	5155	1.05	ug/L		93
29) C120	Carbon tetrachloride	4.86	117	3801	0.97	ug/L		98
30) C116	1,1-Dichloropropene	4.87	75	4843	1.04	ug/L		94
32) C165	Benzene	5.07	78	14334	1.04	ug/L		98
33) C065	1,2-Dichloroethane	5.14	62	3957	1.05	ug/L		89
34) C110	2-Butanone	4.37	43	4304	5.09	ug/L		95
35) C256	Cyclohexane	4.73	56	5408	0.96	ug/L	#	84
36) C150	Trichloroethene	5.68	95	3511	1.03	ug/L		95
37) C140	1,2-Dichloropropane	5.92	63	3138	1.02	ug/L		86
38) C278	Dibromomethane	6.05	93	1535	1.05	ug/L		89

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5653.D Vial: 3
Acq On : 2 Nov 2009 13:11 Operator: RJ
Sample : RK90212-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:54:44 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G..,\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

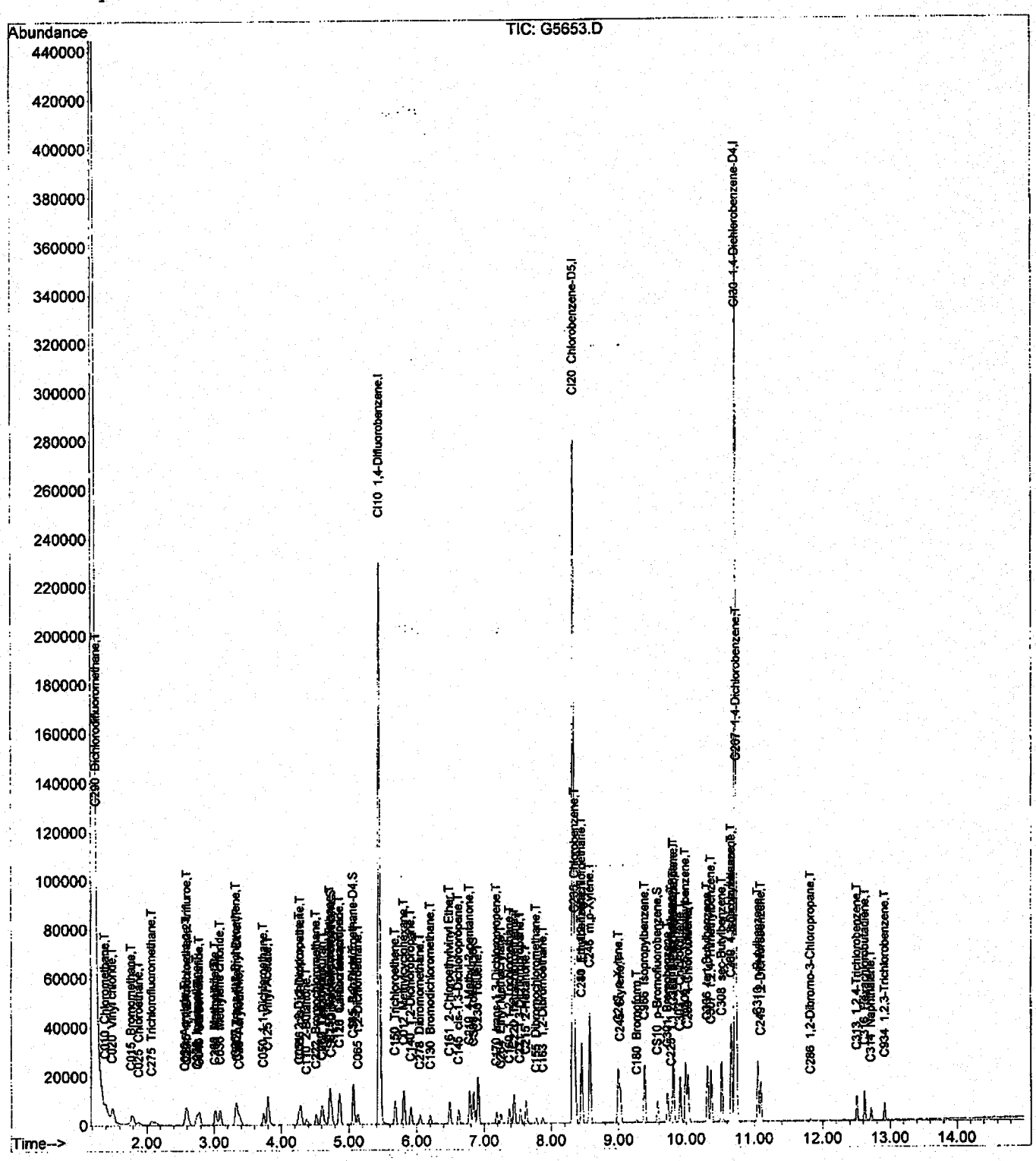
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	3193	0.89	ug/L		96
40) C161	2-Chloroethylvinyl E	6.49	63	4367	3.87	ug/L		87
41) C012	Methylcyclohexane	5.81	83	6578	1.02	ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	4216	0.92	ug/L		97
45) C230	Toluene	6.92	92	9836	1.07	ug/L		99
46) C170	trans-1,3-Dichloropr	7.19	75	3243	0.83	ug/L		95
47) C284	Ethyl Methacrylate	7.25	69	2687	0.82	ug/L	#	82
48) C160	1,1,2-Trichloroethan	7.38	83	1908	1.00	ug/L		91
49) C210	4-Methyl-2-pentanone	6.79	43	9657	4.75	ug/L		91
50) C220	Tetrachloroethene	7.45	166	4240	1.09	ug/L		97
51) C221	1,3-Dichloropropane	7.54	76	4427	1.03	ug/L		88
52) C155	Dibromochloromethane	7.77	129	1810	0.79	ug/L		90
53) C163	1,2-Dibromoethane	7.88	107	2127	0.98	ug/L		95
54) C215	2-Hexanone	7.62	43	6651	4.72	ug/L		93
55) C235	Chlorobenzene	8.35	112	10303	1.08	ug/L		97
56) C281	1,1,1,2-Tetrachloroe	8.46	131	2865	0.96	ug/L		94
57) C240	Ethylbenzene	8.45	91	18154	1.07	ug/L		98
58) C246	m,p-Xylene	8.57	106	14091	2.15	ug/L		97
59) C247	o-Xylene	9.00	106	6619	1.06	ug/L		98
60) C245	Styrene	9.02	104	7797	0.92	ug/L		87
61) C180	Bromoform	9.27	173	599	0.53	ug/L	#	30
64) C966	Isopropylbenzene	9.38	105	17830	0.96	ug/L		92
65) C301	Bromobenzene	9.73	156	3882	0.95	ug/L		90
66) C225	1,1,2,2-Tetrachloroe	9.78	83	2428	0.88	ug/L		96
67) C282	1,2,3-Trichloropropa	9.82	110	825	0.92	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	913	2.63	ug/L	#	8
69) C302	n-Propylbenzene	9.82	91	19944	0.93	ug/L		93
70) C303	2-Chlorotoluene	9.91	126	3817	0.96	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	4113	1.01	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	14004	0.94	ug/L		95
73) C306	tert-Butylbenzene	10.31	134	3048	0.95	ug/L	#	91
74) C307	1,2,4-Trimethylbenze	10.37	105	12823	0.89	ug/L		93
75) C308	sec-Butylbenzene	10.52	105	16614	0.96	ug/L		97
76) C260	1,3-Dichlorobenzene	10.66	146	7856	1.02	ug/L		98
77) C309	4-Isopropyltoluene	10.66	119	14303	0.94	ug/L		97
78) C267	1,4-Dichlorobenzene	10.74	146	8337	1.07	ug/L		94
79) C249	1,2-Dichlorobenzene	11.10	146	7241	1.06	ug/L		95
80) C310	n-Butylbenzene	11.05	91	12785	0.95	ug/L		98
81) C286	1,2-Dibromo-3-Chloro	11.83	75	67	0.21	ug/L	#	47
82) C313	1,2,4-Trichlorobenze	12.51	180	3746	0.98	ug/L		93
83) C316	Hexachlorobutadiene	12.62	225	2621	1.09	ug/L		100
84) C314	Naphthalene	12.72	128	4327	0.77	ug/L		97
85) C934	1,2,3-Trichlorobenze	12.92	180	2547	0.93	ug/L		98

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5653.D Vial: 3
Acq On : 2 Nov 2009 13:11 Operator: RJ
Sample : RK90212-CAL1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:54:44 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA

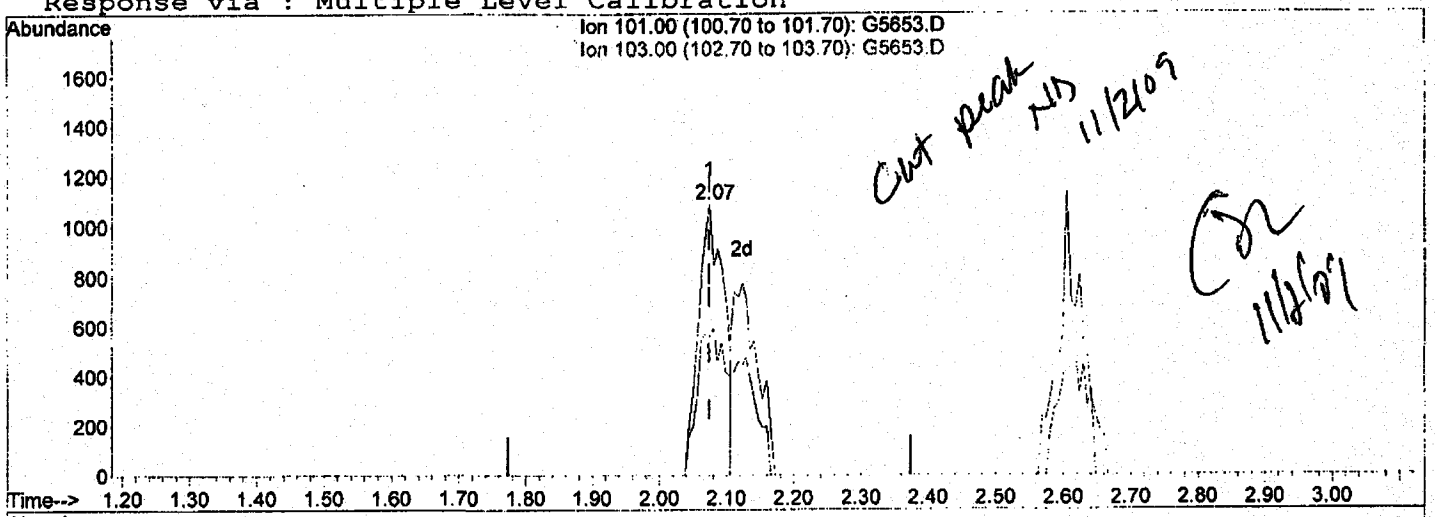


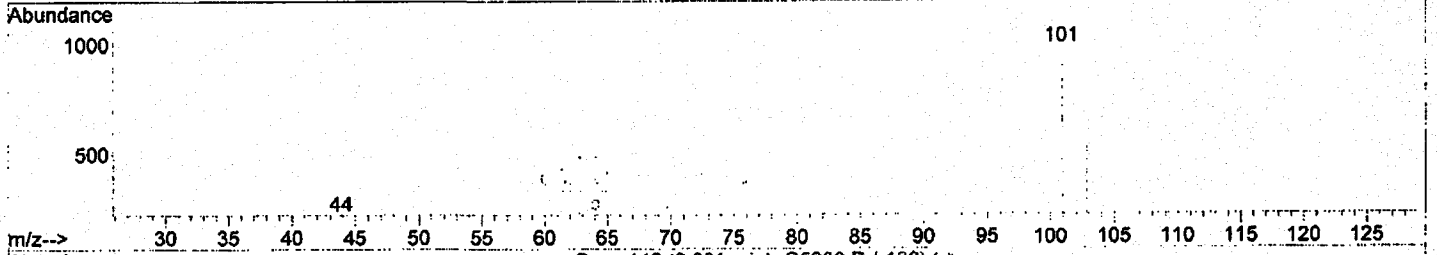
Quantitation Report (Qedit)

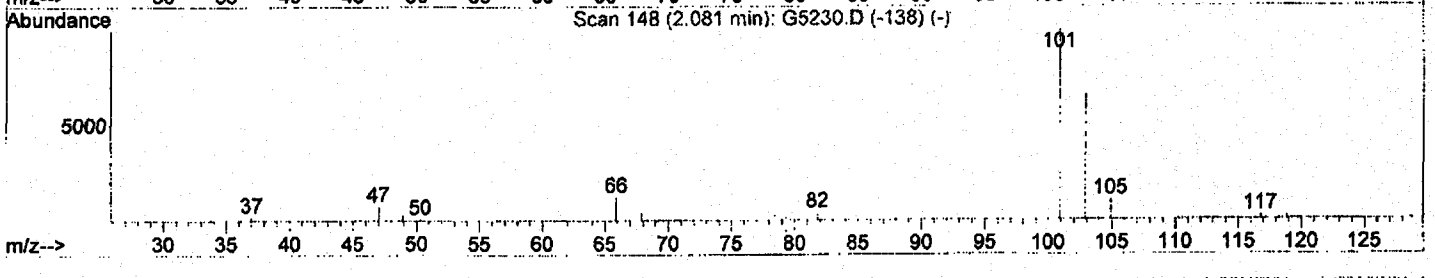
Data File : D:\MSDCHEM\G\DATA\110209\G5653.D
Acq On : 2 Nov 2009 13:11
Sample : RK90212-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:46:31 2009

Vial: 3
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:52:12 2009
Response via : Multiple Level Calibration







TIC: G5653.D

(7) C275 Trichlorofluoromethane (T)

2.07min (+0.000) 0.66ug/L

response 2847

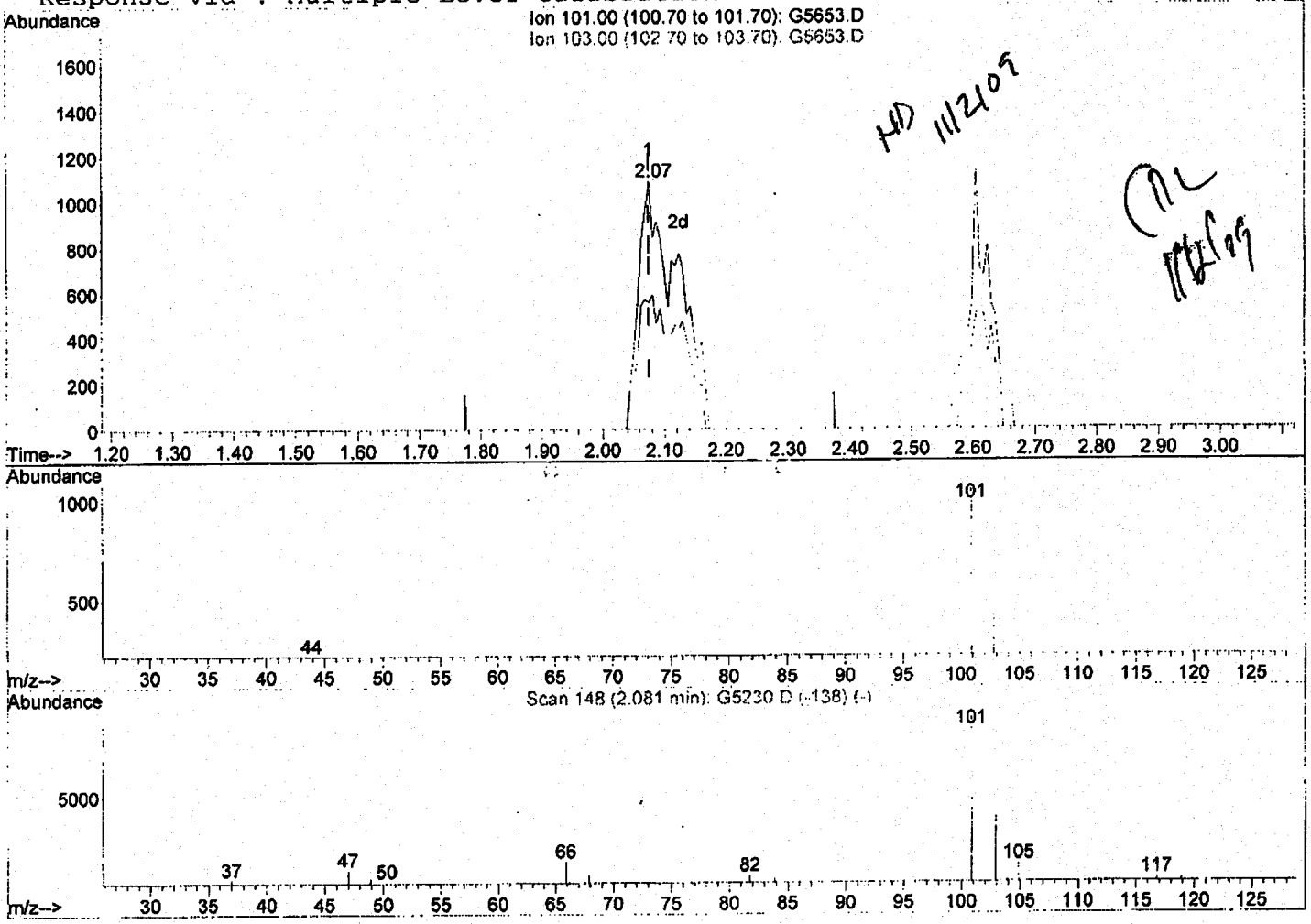
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	51.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\G\DATA\110209\G5653.D
Acq On : 2 Nov 2009 13:11
Sample : RK90212-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:46:31 2009

Vial: 3
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:52:12 2009
Response via : Multiple Level Calibration



TIC: G5653.D

(7) C275 Trichlorofluoromethane (T)

2.07min (+0.000) 1.11ug/L m

response 4775

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	51.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5654.D Vial: 4
Acq On : 2 Nov 2009 13:34 Operator: RJ
Sample : RK90212-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:02 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	226566	25.00	ug/L		0.00 104.75%
43) CI20	Chlorobenzene-D5	8.33	82	111869	25.00	ug/L		0.00 101.23%
63) CI30	1,4-Dichlorobenzene-	10.73	152	101680	25.00	ug/L		0.00 109.25%
	System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	13737	5.70	ug/L		0.00
	Spiked Amount 25.000	Range 70 - 130		Recovery =	22.80%#			
31) CS15	1,2-Dichloroethane-D	5.06	65	15412	5.83	ug/L		0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery =	23.32%#			
44) CS05	Toluene-D8	6.85	98	61444	5.74	ug/L		0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery =	22.96%#			
62) CS10	p-Bromofluorobenzene	9.58	174	17614	5.78	ug/L		0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery =	23.12%#			
	Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	12554	4.88	ug/L	#	100
3) C010	Chloromethane	1.40	50	12874	4.92	ug/L		97
4) C020	Vinyl chloride	1.51	62	15214	4.76	ug/L		89
5) C015	Bromomethane	1.79	94	6430	4.94	ug/L		88
6) C025	Chloroethane	1.89	64	10409	4.95	ug/L		86
7) C275	Trichlorofluorometha	2.09	101	23507	4.81	ug/L		100
8) C045	1,1-Dichloroethene	2.59	96	16443	4.95	ug/L		94
9) C030	Methylene chloride	3.10	84	18133	4.92	ug/L	#	76
10) C040	Carbon disulfide	2.79	76	47029	4.76	ug/L		99
11) C036	Acrolein	2.56	56	12673	95.49	ug/L		92
12) C038	Acrylonitrile	3.38	53	17451	24.44	ug/L		96
13) C035	Acetone	2.74	43	14649	24.04	ug/L		90
14) C300	Acetonitrile	3.01	41	41495	191.98	ug/L		98
15) C276	Iodomethane	2.75	142	25070	4.86	ug/L		99
16) C291	1,1,2-Trichloro-1,2,	2.62	101	14679	5.08	ug/L		96
17) C962	T-butyl Methyl Ether	3.34	73	42578	4.87	ug/L		98
18) C057	trans-1,2-Dichloroet	3.33	96	19163	4.94	ug/L		97
19) C255	Methyl Acetate	3.02	43	8682	4.90	ug/L		92
20) C050	1,1-Dichloroethane	3.74	63	32438	4.92	ug/L		99
21) C125	Vinyl Acetate	3.80	43	120792	24.43	ug/L		92
22) C051	2,2-Dichloropropane	4.26	77	21666	4.80	ug/L		98
23) C056	cis-1,2-Dichloroethe	4.29	96	19976	4.84	ug/L		95
24) C272	Tetrahydrofuran	4.59	42	16078	24.49	ug/L		84
25) C222	Bromochloromethane	4.53	128	7827	4.73	ug/L		94
27) C060	Chloroform	4.60	83	32161	4.97	ug/L		96
28) C115	1,1,1-Trichloroethan	4.73	97	26805	4.79	ug/L		96
29) C120	Carbon tetrachloride	4.86	117	20404	4.59	ug/L		96
30) C116	1,1-Dichloropropene	4.87	75	25774	4.89	ug/L		98
32) C165	Benzene	5.07	78	78380	5.02	ug/L		99
33) C065	1,2-Dichloroethane	5.13	62	20863	4.86	ug/L		96
34) C110	2-Butanone	4.35	43	23065	24.02	ug/L		81
35) C256	Cyclohexane	4.73	56	32892	5.16	ug/L		90
36) C150	Trichloroethene	5.68	95	19131	4.92	ug/L		94
37) C140	1,2-Dichloropropane	5.92	63	17546	5.00	ug/L		98
38) C278	Dibromomethane	6.05	93	7890	4.74	ug/L		90

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5654.D Vial: 4
Acq On : 2 Nov 2009 13:34 Operator: RJ
Sample : RK90212-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:02 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

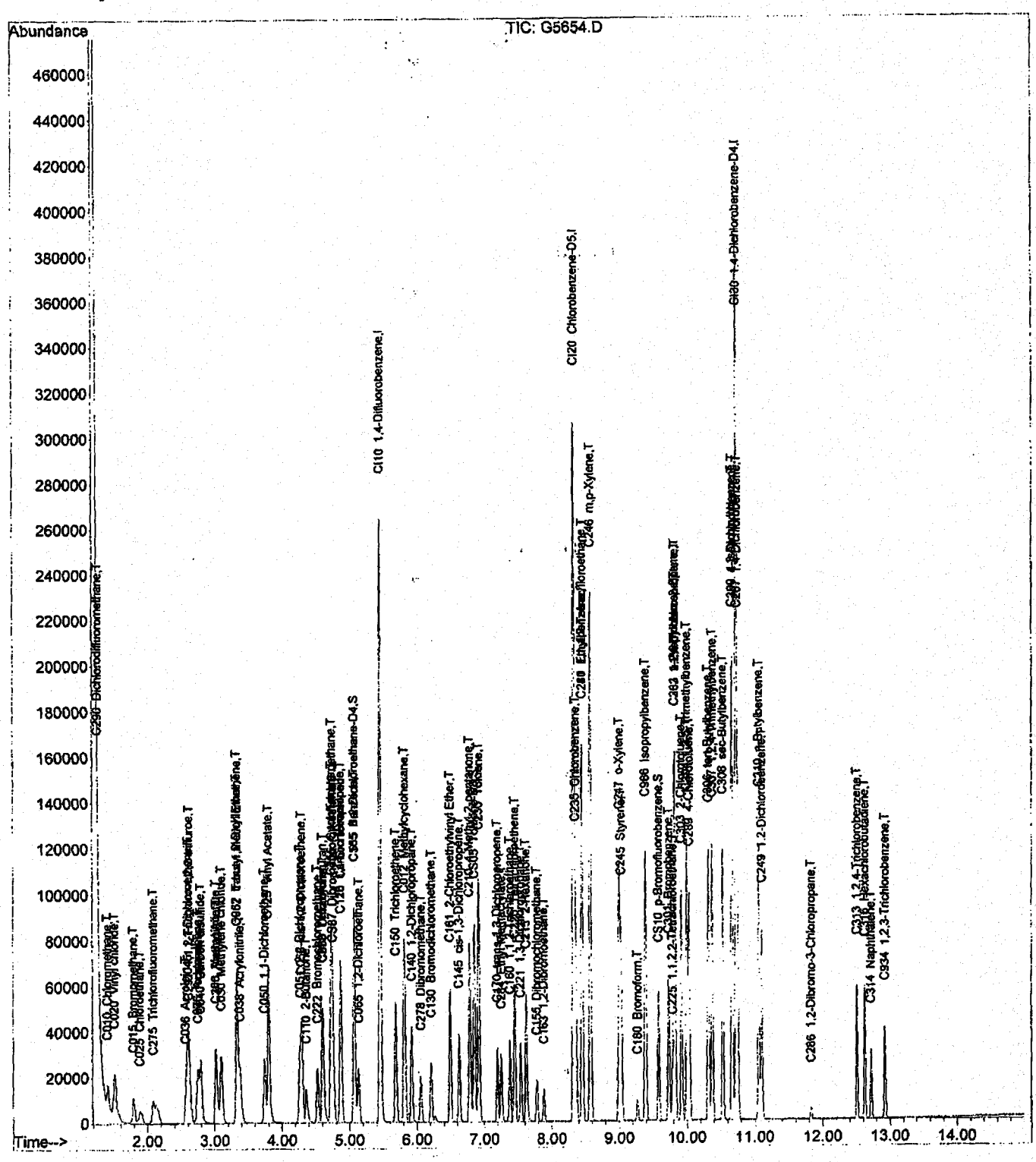
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	18693	4.56 ug/L		100
40) C161	2-Chloroethylvinyl E	6.49	63	26728	20.85 ug/L		91
41) C012	Methylcyclohexane	5.81	83	37437	5.09 ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	23975	4.61 ug/L		100
45) C230	Toluene	6.92	92	49261	4.95 ug/L		94
46) C170	trans-1,3-Dichloropr	7.19	75	19362	4.55 ug/L		93
47) C284	Ethyl Methacrylate	7.25	69	16362	4.57 ug/L	#	85
48) C160	1,1,2-Trichloroethan	7.38	83	10130	4.86 ug/L		95
49) C210	4-Methyl-2-pentanone	6.77	43	54336	24.55 ug/L		86
50) C220	Tetrachloroethene	7.45	166	20879	4.93 ug/L		94
51) C221	1,3-Dichloropropane	7.54	76	22490	4.79 ug/L		97
52) C155	Dibromochloromethane	7.77	129	10706	4.30 ug/L		98
53) C163	1,2-Dibromoethane	7.88	107	11170	4.73 ug/L		94
54) C215	2-Hexanone	7.62	43	36479	23.79 ug/L		87
55) C235	Chlorobenzene	8.36	112	50340	4.85 ug/L		99
56) C281	1,1,1,2-Tetrachloroe	8.46	131	15243	4.71 ug/L		98
57) C240	Ethylbenzene	8.45	91	89971	4.86 ug/L		96
58) C246	m,p-Xylene	8.57	106	70335	9.84 ug/L		97
59) C247	o-Xylene	9.00	106	34010	5.02 ug/L		99
60) C245	Styrene	9.02	104	44181	4.81 ug/L		97
61) C180	Bromoform	9.27	173	5008	4.09 ug/L		99
64) C966	Isopropylbenzene	9.38	105	88670	4.71 ug/L		93
65) C301	Bromobenzene	9.73	156	18861	4.57 ug/L		94
66) C225	1,1,2,2-Tetrachloroe	9.78	83	12301	4.42 ug/L		99
67) C282	1,2,3-Trichloropropa	9.82	110	4442	4.87 ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	6849	19.44 ug/L	#	28
69) C302	n-Propylbenzene	9.82	91	102816	4.71 ug/L		95
70) C303	2-Chlorotoluene	9.91	126	19233	4.77 ug/L		100
71) C289	4-Chlorotoluene	10.03	126	19459	4.70 ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	71565	4.71 ug/L		93
73) C306	tert-Butylbenzene	10.32	134	15467	4.73 ug/L		92
74) C307	1,2,4-Trimethylbenze	10.37	105	69820	4.78 ug/L		99
75) C308	sec-Butylbenzene	10.52	105	81709	4.67 ug/L		92
76) C260	1,3-Dichlorobenzene	10.66	146	37410	4.81 ug/L		98
77) C309	4-Isopropyltoluene	10.66	119	73904	4.79 ug/L		96
78) C267	1,4-Dichlorobenzene	10.74	146	37476	4.72 ug/L		96
79) C249	1,2-Dichlorobenzene	11.10	146	32676	4.71 ug/L		97
80) C310	n-Butylbenzene	11.05	91	63889	4.69 ug/L		97
81) C286	1,2-Dibromo-3-Chloro	11.83	75	1425	4.47 ug/L	#	73
82) C313	1,2,4-Trichlorobenze	12.51	180	17436	4.50 ug/L		99
83) C316	Hexachlorobutadiene	12.62	225	11431	4.70 ug/L		97
84) C314	Naphthalene	12.72	128	23637	4.13 ug/L		99
85) C934	1,2,3-Trichlorobenze	12.92	180	12434	4.49 ug/L		93

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5654.D Vial: 4
Acq On : 2 Nov 2009 13:34 Operator: RJ
Sample : RK90212-CAL2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:48:02 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5655.D Vial: 5
Acq On : 2 Nov 2009 13:56 Operator: RJ
Sample : RK90212-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:09 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	229976	25.00	ug/L	0.00 106.33%
43) CI20	Chlorobenzene-D5	8.32	82	111550	25.00	ug/L	0.00 100.94%
63) CI30	1,4-Dichlorobenzene-	10.73	152	100089	25.00	ug/L	0.00 107.54%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.75	111	21655	8.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	35.40%#	
31) CS15	1,2-Dichloroethane-D	5.06	65	24103	8.98	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	35.92%#	
44) CS05	Toluene-D8	6.85	98	100009	9.38	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	37.52%#	
62) CS10	p-Bromofluorobenzene	9.58	174	26327	8.67	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	34.68%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	25599	9.79	ug/L #	100
3) C010	Chloromethane	1.40	50	24498	9.22	ug/L	99
4) C020	Vinyl chloride	1.50	62	30569	9.43	ug/L	89
5) C015	Bromomethane	1.78	94	12720	9.62	ug/L	93
6) C025	Chloroethane	1.87	64	20294	9.51	ug/L	91
7) C275	Trichlorofluorometha	2.08	101	48586	9.80	ug/L	97
8) C045	1,1-Dichloroethene	2.59	96	32409	9.60	ug/L	88
9) C030	Methylene chloride	3.09	84	34387	9.19	ug/L	83
10) C040	Carbon disulfide	2.78	76	93385	9.31	ug/L	100
11) C036	Acrolein	2.56	56	25533	189.54	ug/L	94
12) C038	Acrylonitrile	3.37	53	33748	46.56	ug/L	93
13) C035	Acetone	2.73	43	29080	47.02	ug/L	93
14) C300	Acetonitrile	3.01	41	81766	372.68	ug/L	98
15) C276	Iodomethane	2.75	142	50142	9.58	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.61	101	27941	9.53	ug/L	96
17) C962	T-butyl Methyl Ether	3.33	73	79875	9.00	ug/L	97
18) C057	trans-1,2-Dichloroet	3.32	96	37075	9.41	ug/L	98
19) C255	Methyl Acetate	3.01	43	17335	9.63	ug/L #	91
20) C050	1,1-Dichloroethane	3.74	63	63655	9.50	ug/L	97
21) C125	Vinyl Acetate	3.79	43	244374	48.70	ug/L	92
22) C051	2,2-Dichloropropane	4.26	77	45476	9.92	ug/L	100
23) C056	cis-1,2-Dichloroethe	4.29	96	40159	9.59	ug/L	95
24) C272	Tetrahydrofuran	4.58	42	31017	46.55	ug/L	78
25) C222	Bromochloromethane	4.52	128	16015	9.53	ug/L	90
27) C060	Chloroform	4.60	83	62472	9.51	ug/L	97
28) C115	1,1,1-Trichloroethan	4.72	97	54229	9.54	ug/L	95
29) C120	Carbon tetrachloride	4.86	117	42972	9.52	ug/L	100
30) C116	1,1-Dichloropropene	4.87	75	52527	9.81	ug/L	97
32) C165	Benzene	5.07	78	155632	9.81	ug/L	100
33) C065	1,2-Dichloroethane	5.13	62	41292	9.47	ug/L	97
34) C110	2-Butanone	4.34	43	45959	47.16	ug/L	86
35) C256	Cyclohexane	4.73	56	63802	9.86	ug/L	91
36) C150	Trichloroethene	5.68	95	38487	9.74	ug/L	91
37) C140	1,2-Dichloropropane	5.92	63	34642	9.72	ug/L	99
38) C278	Dibromomethane	6.05	93	16131	9.55	ug/L	96

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5655.D Vial: 5
Acq On : 2 Nov 2009 13:56 Operator: RJ
Sample : RK90212-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:09 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

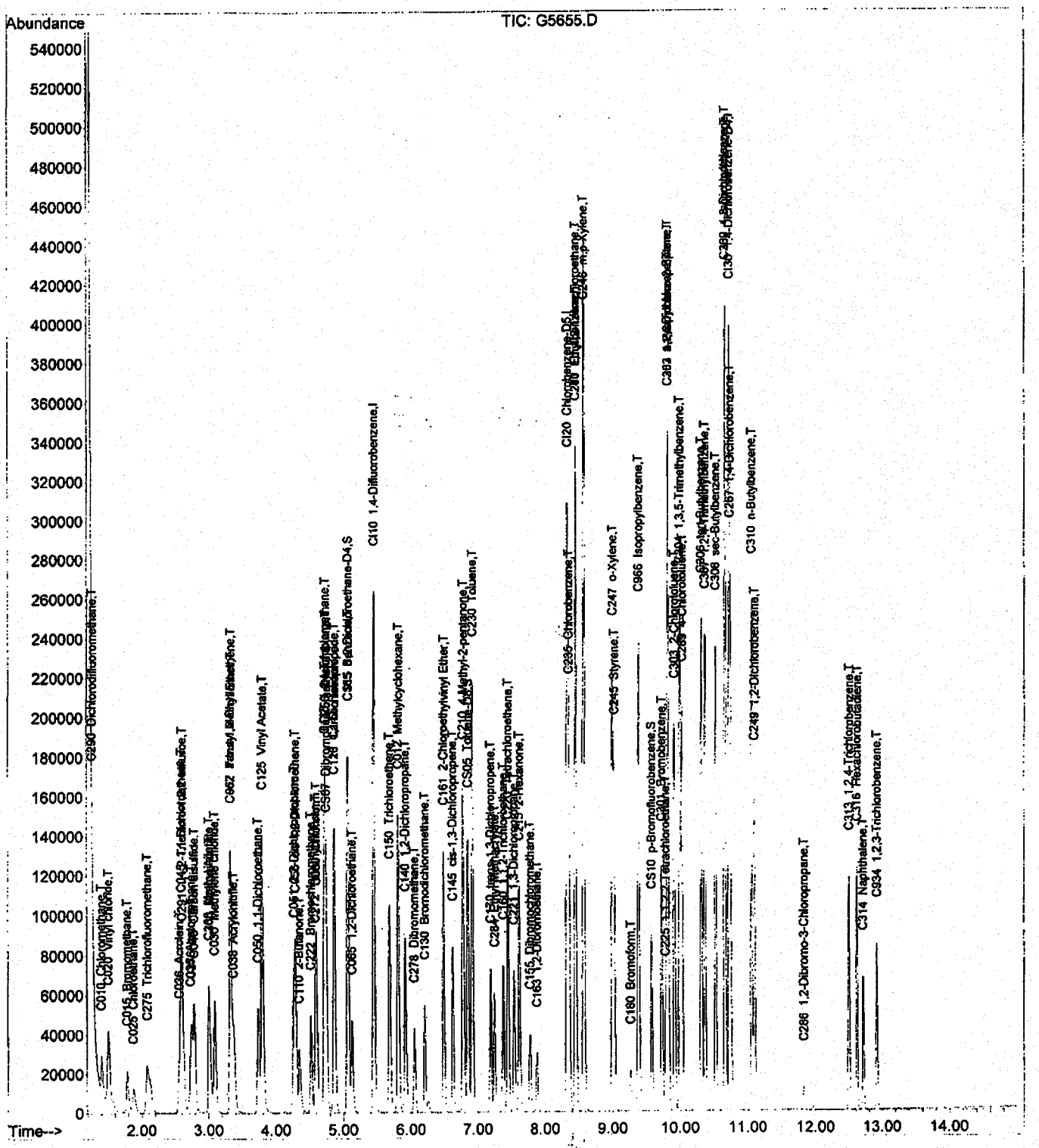
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.20	83	39230	9.43	ug/L		97
40) C161	2-Chloroethylvinyl E	6.49	63	59875	46.02	ug/L		90
41) C012	Methylcyclohexane	5.81	83	71967	9.63	ug/L		92
42) C145	cis-1,3-Dichloroprop	6.62	75	51353	9.73	ug/L		100
45) C230	Toluene	6.92	92	99849	10.05	ug/L		97
46) C170	trans-1,3-Dichloropr	7.19	75	41428	9.76	ug/L		95
47) C284	Ethyl Methacrylate	7.24	69	34605	9.68	ug/L	#	85
48) C160	1,1,2-Trichloroethan	7.38	83	20787	10.00	ug/L		97
49) C210	4-Methyl-2-pentanone	6.78	43	108963	49.37	ug/L		88
50) C220	Tetrachloroethene	7.45	166	42440	10.06	ug/L		99
51) C221	1,3-Dichloropropane	7.54	76	46194	9.86	ug/L		100
52) C155	Dibromochloromethane	7.77	129	23610	9.51	ug/L		100
53) C163	1,2-Dibromoethane	7.88	107	22405	9.51	ug/L		99
54) C215	2-Hexanone	7.62	43	73567	48.11	ug/L		84
55) C235	Chlorobenzene	8.35	112	101275	9.78	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	8.45	131	31650	9.81	ug/L		97
57) C240	Ethylbenzene	8.45	91	183136	9.91	ug/L		97
58) C246	m,p-Xylene	8.57	106	141230	19.81	ug/L		95
59) C247	o-Xylene	9.00	106	66331	9.83	ug/L		97
60) C245	Styrene	9.02	104	91184	9.95	ug/L		98
61) C180	Bromoform	9.27	173	11231	9.20	ug/L		97
64) C966	Isopropylbenzene	9.38	105	177401	9.58	ug/L		94
65) C301	Bromobenzene	9.73	156	38509	9.49	ug/L		98
66) C225	1,1,2,2-Tetrachloroe	9.78	83	26044	9.51	ug/L		98
67) C282	1,2,3-Trichloropropa	9.81	110	8567	9.54	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	16224	46.78	ug/L	#	37
69) C302	n-Propylbenzene	9.82	91	210921	9.81	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	38291	9.64	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	39255	9.63	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	144661	9.68	ug/L		95
73) C306	tert-Butylbenzene	10.32	134	31440	9.76	ug/L	#	93
74) C307	1,2,4-Trimethylbenze	10.37	105	141561	9.85	ug/L		95
75) C308	sec-Butylbenzene	10.52	105	165887	9.63	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	75052	9.80	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	149619	9.85	ug/L		97
78) C267	1,4-Dichlorobenzene	10.74	146	76816	9.83	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	65196	9.54	ug/L		97
80) C310	n-Butylbenzene	11.05	91	131895	9.83	ug/L		95
81) C286	1,2-Dibromo-3-Chloro	11.83	75	3057	9.75	ug/L		84
82) C313	1,2,4-Trichlorobenze	12.51	180	34141	8.95	ug/L		97
83) C316	Hexachlorobutadiene	12.62	225	22429	9.36	ug/L		99
84) C314	Naphthalene	12.71	128	50390	8.95	ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	24850	9.11	ug/L		96

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5655.D Vial: 5
Acq On : 2 Nov 2009 13:56 Operator: RJ
Sample : RK90212-CAL3 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:48:09 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5656.D Vial: 6
Acq On : 2 Nov 2009 14:20 Operator: RJ
Sample : RK90212-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:16 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	216292	25.00	ug/L	0.00 100.00%
43) CI20	Chlorobenzene-D5	8.33	82	110515	25.00	ug/L	0.00 100.00%
63) CI30	1,4-Dichlorobenzene-	10.73	152	93069	25.00	ug/L	0.00 100.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	58903	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%	
31) CS15	1,2-Dichloroethane-D	5.06	65	61330	24.29	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	97.16%	
44) CS05	Toluene-D8	6.85	98	256382	24.26	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	97.04%	
62) CS10	p-Bromofluorobenzene	9.58	174	73388	24.40	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	97.60%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.26	85	61626	25.07	ug/L #	100
3) C010	Chloromethane	1.40	50	64311	25.74	ug/L	100
4) C020	Vinyl chloride	1.51	62	78880	25.88	ug/L	86
5) C015	Bromomethane	1.78	94	32803	26.39	ug/L	88
6) C025	Chloroethane	1.87	64	51277	25.55	ug/L	89
7) C275	Trichlorofluorometha	2.07	101	113935	24.43	ug/L	99
8) C045	1,1-Dichloroethene	2.59	96	76105	23.98	ug/L	92
9) C030	Methylene chloride	3.09	84	85418	24.28	ug/L #	82
10) C040	Carbon disulfide	2.78	76	238176	25.26	ug/L	100
11) C036	Acrolein	2.55	56	67298	531.19	ug/L	96
12) C038	Acrylonitrile	3.37	53	91903	134.80	ug/L	93
13) C035	Acetone	2.71	43	75883	130.46	ug/L	95
14) C300	Acetonitrile	3.00	41	216407	1048.77	ug/L	99
15) C276	Iodomethane	2.75	142	124608	25.30	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.61	101	70638	25.62	ug/L	97
17) C962	T-butyl Methyl Ether	3.32	73	218455	26.18	ug/L	98
18) C057	trans-1,2-Dichloroet	3.32	96	91990	24.83	ug/L	98
19) C255	Methyl Acetate	3.00	43	45154	26.68	ug/L #	86
20) C050	1,1-Dichloroethane	3.74	63	158266	25.12	ug/L	100
21) C125	Vinyl Acetate	3.79	43	631117	133.73	ug/L	92
22) C051	2,2-Dichloropropane	4.26	77	107341	24.90	ug/L	94
23) C056	cis-1,2-Dichloroethe	4.29	96	98875	25.12	ug/L	97
24) C272	Tetrahydrofuran	4.56	42	81540	130.11	ug/L	84
25) C222	Bromochloromethane	4.53	128	40831	25.83	ug/L #	84
27) C060	Chloroform	4.60	83	156131	25.26	ug/L	98
28) C115	1,1,1-Trichloroethan	4.72	97	135436	25.33	ug/L	95
29) C120	Carbon tetrachloride	4.86	117	109349	25.75	ug/L	98
30) C116	1,1-Dichloropropene	4.87	75	126090	25.04	ug/L	98
32) C165	Benzene	5.07	78	374912	25.14	ug/L	99
33) C065	1,2-Dichloroethane	5.13	62	103236	25.18	ug/L	97
34) C110	2-Butanone	4.33	43	122254	133.39	ug/L	86
35) C256	Cyclohexane	4.73	56	159539	26.20	ug/L	91
36) C150	Trichloroethene	5.68	95	93313	25.11	ug/L	93
37) C140	1,2-Dichloropropane	5.92	63	84936	25.33	ug/L	99
38) C278	Dibromomethane	6.05	93	40055	25.21	ug/L	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5656.D Vial: 6
Acq On : 2 Nov 2009 14:20 Operator: RJ
Sample : RK90212-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:16 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

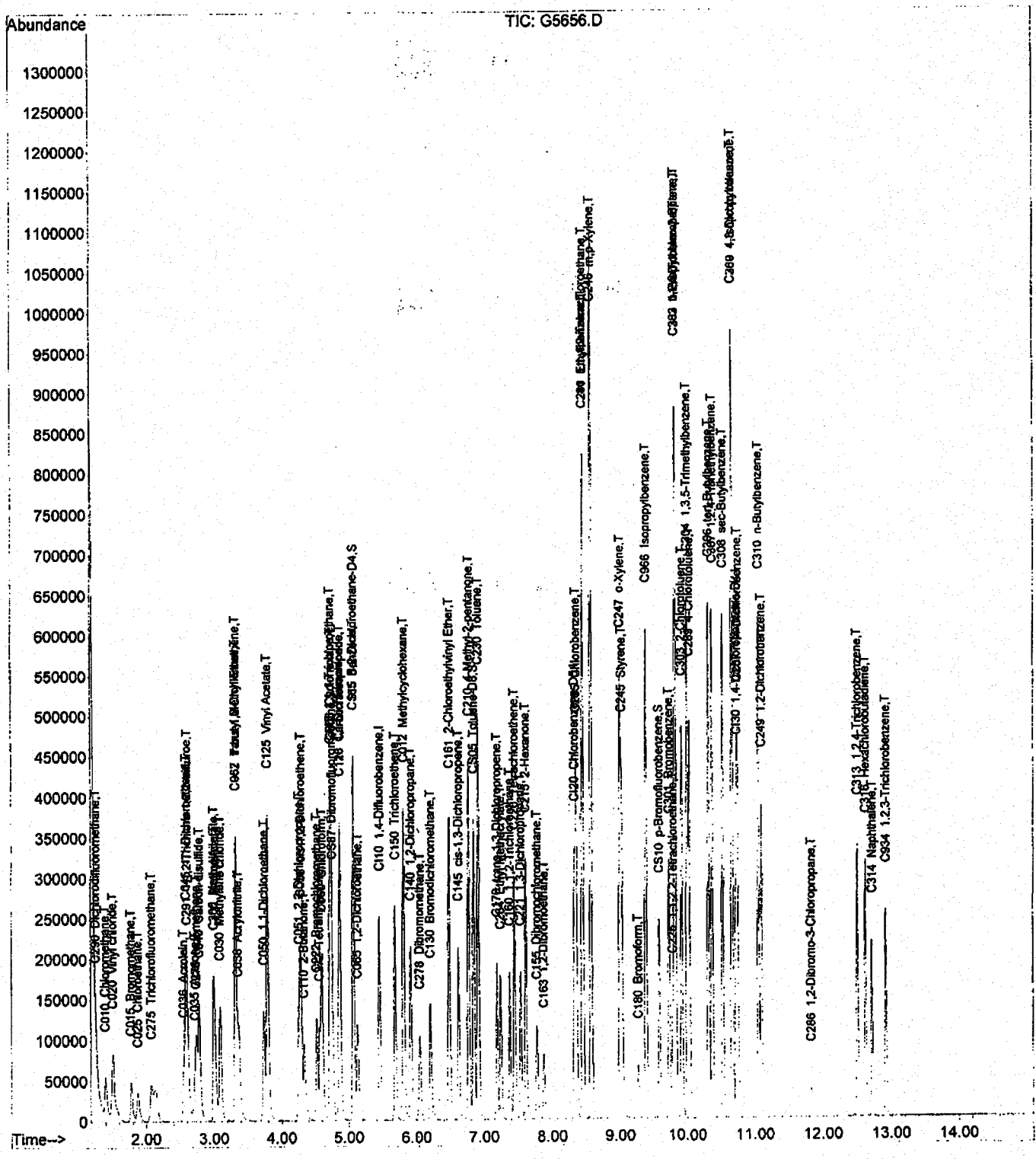
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	102720	26.27	ug/L		99
40) C161	2-Chloroethylvinyl E	6.49	63	173759	142.00	ug/L		91
41) C012	Methylcyclohexane	5.81	83	180587	25.70	ug/L		93
42) C145	cis-1,3-Dichloroprop	6.62	75	132051	26.60	ug/L		100
45) C230	Toluene	6.92	92	239823	24.37	ug/L		94
46) C170	trans-1,3-Dichloropr	7.19	75	111248	26.44	ug/L		96
47) C284	Ethyl Methacrylate	7.24	69	96904	27.37	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	51843	25.18	ug/L		97
49) C210	4-Methyl-2-pentanone	6.77	43	288288	131.85	ug/L		86
50) C220	Tetrachloroethene	7.45	166	101439	24.27	ug/L		99
51) C221	1,3-Dichloropropane	7.54	76	116555	25.11	ug/L		99
52) C155	Dibromochloromethane	7.77	129	65687	26.71	ug/L		99
53) C163	1,2-Dibromoethane	7.88	107	60007	25.71	ug/L		97
54) C215	2-Hexanone	7.61	43	204242	134.83	ug/L		86
55) C235	Chlorobenzene	8.36	112	255108	24.86	ug/L		98
56) C281	1,1,1,2-Tetrachloroe	8.46	131	81523	25.52	ug/L		98
57) C240	Ethylbenzene	8.45	91	454192	24.81	ug/L		98
58) C246	m,p-Xylene	8.57	106	352651	49.93	ug/L		96
59) C247	o-Xylene	9.00	106	161554	24.16	ug/L		95
60) C245	Styrene	9.02	104	228784	25.19	ug/L		99
61) C180	Bromoform	9.27	173	34155	28.24	ug/L		99
64) C966	Isopropylbenzene	9.38	105	447786	26.00	ug/L		95
65) C301	Bromobenzene	9.73	156	98243	26.03	ug/L		98
66) C225	1,1,2,2-Tetrachloroe	9.78	83	70071	27.51	ug/L		99
67) C282	1,2,3-Trichloropropa	9.81	110	22089	26.47	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	48149	149.30	ug/L	#	52
69) C302	n-Propylbenzene	9.82	91	535548	26.79	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	96503	26.14	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	97883	25.84	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	371713	26.75	ug/L		96
73) C306	tert-Butylbenzene	10.32	134	81011	27.05	ug/L	#	88
74) C307	1,2,4-Trimethylbenze	10.37	105	365786	27.37	ug/L		96
75) C308	sec-Butylbenzene	10.52	105	435093	27.17	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	178710	25.09	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	369823	26.19	ug/L		98
78) C267	1,4-Dichlorobenzene	10.74	146	180330	24.83	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	161463	25.41	ug/L		96
80) C310	n-Butylbenzene	11.05	91	328635	26.34	ug/L		96
81) C286	1,2-Dibromo-3-Chloro	11.82	75	9321	31.97	ug/L		78
82) C313	1,2,4-Trichlorobenze	12.51	180	97774	27.56	ug/L		99
83) C316	Hexachlorobutadiene	12.62	225	59836	26.86	ug/L		97
84) C314	Naphthalene	12.72	128	159561	30.47	ug/L		99
85) C934	1,2,3-Trichlorobenze	12.92	180	73710	29.05	ug/L		99

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5656.D Vial: 6
Acq On : 2 Nov 2009 14:20 Operator: RJ
Sample : RK90212-CAL4 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:48:16 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5657.D Vial: 7
Acq On : 2 Nov 2009 14:42 Operator: RJ
Sample : RK90212-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:23 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	217895	25.00	ug/L	0.00 100.74%
43) CI20	Chlorobenzene-D5	8.32	82	108356	25.00	ug/L	0.00 98.05%
63) CI30	1,4-Dichlorobenzene-	10.73	152	90423	25.00	ug/L	0.00 97.16%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.75	111	117246	50.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	202.32%#	
31) CS15	1,2-Dichloroethane-D	5.06	65	124300	48.88	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	195.52%#	
44) CS05	Toluene-D8	6.85	98	514368	49.65	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	198.60%#	
62) CS10	p-Bromofluorobenzene	9.58	174	148154	50.23	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	200.92%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	126899	51.24	ug/L #	100
3) C010	Chloromethane	1.40	50	123544	49.09	ug/L	98
4) C020	Vinyl chloride	1.51	62	153183	49.88	ug/L	87
5) C015	Bromomethane	1.78	94	61688	49.27	ug/L	86
6) C025	Chloroethane	1.87	64	99757	49.35	ug/L	87
7) C275	Trichlorofluorometha	2.07	101	240492	51.18	ug/L	98
8) C045	1,1-Dichloroethene	2.59	96	158489	49.57	ug/L	93
9) C030	Methylene chloride	3.09	84	174122	49.13	ug/L #	79
10) C040	Carbon disulfide	2.78	76	504708	53.12	ug/L	100
11) C036	Acrolein	2.54	56	134724	1055.56	ug/L	94
12) C038	Acrylonitrile	3.36	53	176976	257.67	ug/L	94
13) C035	Acetone	2.71	43	144822	247.14	ug/L	97
14) C300	Acetonitrile	3.00	41	407592	1960.77	ug/L	98
15) C276	Iodomethane	2.74	142	261373	52.68	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.61	101	139734	50.30	ug/L	97
17) C962	T-butyl Methyl Ether	3.32	73	437486	52.05	ug/L	99
18) C057	trans-1,2-Dichloroet	3.32	96	191158	51.22	ug/L	94
19) C255	Methyl Acetate	3.00	43	85054	49.89	ug/L #	87
20) C050	1,1-Dichloroethane	3.73	63	322387	50.80	ug/L	99
21) C125	Vinyl Acetate	3.79	43	1206602	253.79	ug/L	91
22) C051	2,2-Dichloropropane	4.26	77	231358	53.28	ug/L	96
23) C056	cis-1,2-Dichloroethe	4.29	96	200625	50.59	ug/L	94
24) C272	Tetrahydrofuran	4.56	42	150865	238.96	ug/L	79
25) C222	Bromochloromethane	4.52	128	80083	50.28	ug/L	88
27) C060	Chloroform	4.60	83	313762	50.40	ug/L	97
28) C115	1,1,1-Trichloroethan	4.72	97	278502	51.71	ug/L	95
29) C120	Carbon tetrachloride	4.86	117	229042	53.53	ug/L	99
30) C116	1,1-Dichloropropene	4.87	75	256469	50.55	ug/L	99
32) C165	Benzene	5.07	78	751926	50.04	ug/L	99
33) C065	1,2-Dichloroethane	5.13	62	207028	50.12	ug/L	96
34) C110	2-Butanone	4.32	43	228741	247.74	ug/L	86
35) C256	Cyclohexane	4.73	56	315010	51.36	ug/L	90
36) C150	Trichloroethene	5.68	95	189790	50.71	ug/L	94
37) C140	1,2-Dichloropropane	5.92	63	170435	50.45	ug/L	99
38) C278	Dibromomethane	6.05	93	79613	49.73	ug/L	96

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5657.D Vial: 7
Acq On : 2 Nov 2009 14:42 Operator: RJ
Sample : RK90212-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:23 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

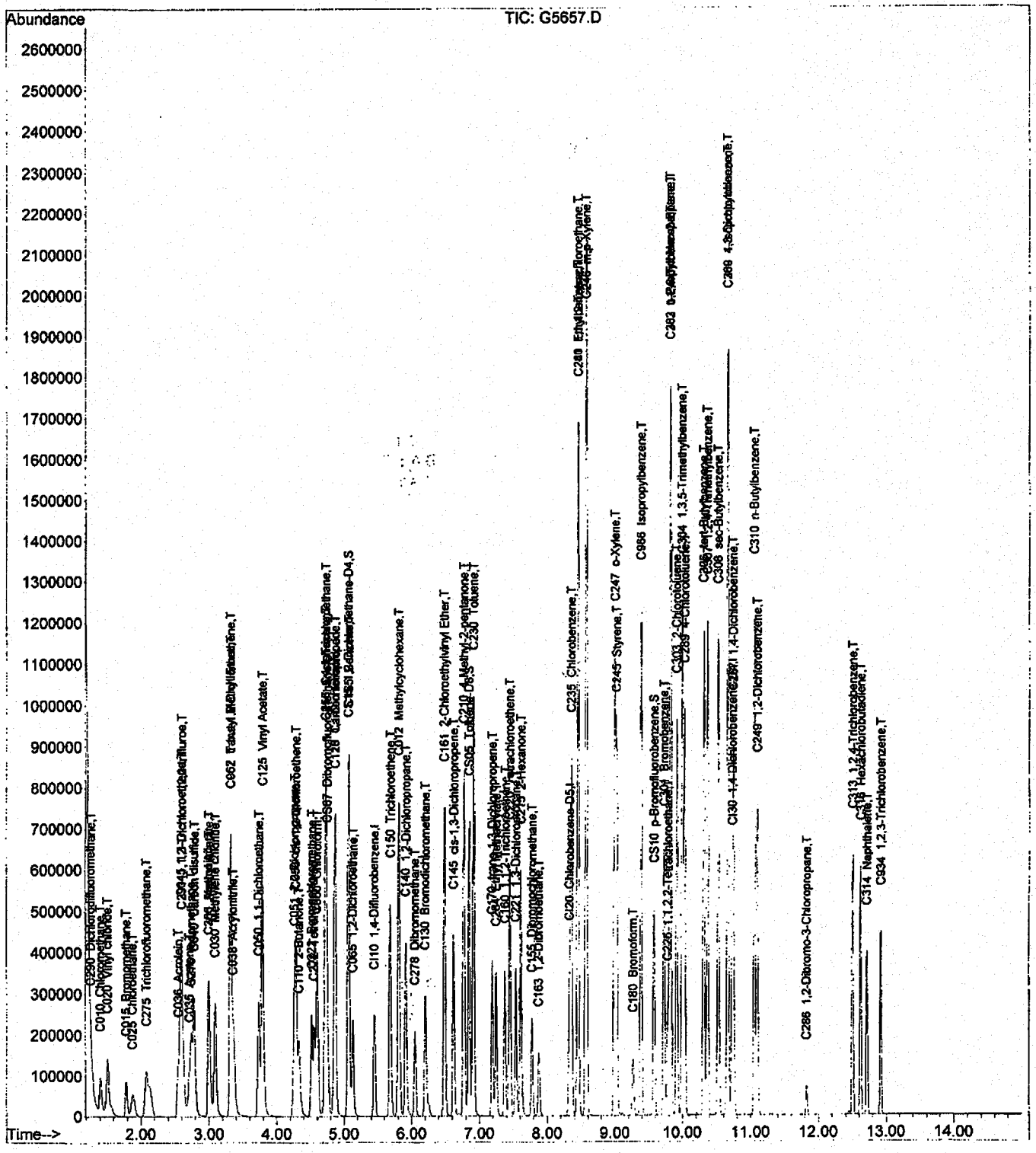
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.20	83	215001	54.57	ug/L		99
40) C161	2-Chloroethylvinyl E	6.49	63	354333	287.43	ug/L		90
41) C012	Methylcyclohexane	5.81	83	360233	50.88	ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	265628	53.11	ug/L		100
45) C230	Toluene	6.92	92	483780	50.14	ug/L		96
46) C170	trans-1,3-Dichloropr	7.19	75	226610	54.94	ug/L		97
47) C284	Ethyl Methacrylate	7.24	69	191884	55.28	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	101269	50.17	ug/L		99
49) C210	4-Methyl-2-pentanone	6.77	43	547206	255.25	ug/L		87
50) C220	Tetrachloroethene	7.45	166	203841	49.74	ug/L		98
51) C221	1,3-Dichloropropane	7.54	76	229261	50.38	ug/L		99
52) C155	Dibromochloromethane	7.77	129	137186	56.89	ug/L		99
53) C163	1,2-Dibromoethane	7.87	107	117138	51.19	ug/L		98
54) C215	2-Hexanone	7.61	43	382095	257.26	ug/L		85
55) C235	Chlorobenzene	8.35	112	507443	50.43	ug/L		98
56) C281	1,1,1,2-Tetrachloroe	8.45	131	166583	53.18	ug/L		98
57) C240	Ethylbenzene	8.45	91	916615	51.07	ug/L		98
58) C246	m,p-Xylene	8.57	106	698891	100.93	ug/L		97
59) C247	o-Xylene	9.00	106	337119	51.41	ug/L		95
60) C245	Styrene	9.02	104	482815	54.22	ug/L		99
61) C180	Bromoform	9.27	173	73947	62.35	ug/L		97
64) C966	Isopropylbenzene	9.38	105	909165	54.33	ug/L		96
65) C301	Bromobenzene	9.73	156	198509	54.13	ug/L		96
66) C225	1,1,2,2-Tetrachloroe	9.78	83	128657	51.98	ug/L		97
67) C282	1,2,3-Trichloropropa	9.81	110	41056	50.63	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	96528	308.08	ug/L	#	55
69) C302	n-Propylbenzene	9.82	91	1021089	52.57	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	185927	51.83	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	188972	51.34	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	715060	52.96	ug/L		95
73) C306	tert-Butylbenzene	10.32	134	153648	52.81	ug/L	#	91
74) C307	1,2,4-Trimethylbenze	10.37	105	688687	53.04	ug/L		96
75) C308	sec-Butylbenzene	10.52	105	818395	52.60	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	356778	51.55	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	730626	53.26	ug/L		98
78) C267	1,4-Dichlorobenzene	10.74	146	357809	50.70	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	315235	51.07	ug/L		97
80) C310	n-Butylbenzene	11.05	91	648162	53.47	ug/L		96
81) C286	1,2-Dibromo-3-Chloro	11.82	75	17842	62.98	ug/L		85
82) C313	1,2,4-Trichlorobenze	12.51	180	186092	53.99	ug/L		99
83) C316	Hexachlorobutadiene	12.62	225	113903	52.62	ug/L		98
84) C314	Naphthalene	12.71	128	292255	57.45	ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	134582	54.59	ug/L		98

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5657.D Vial: 7
Acq On : 2 Nov 2009 14:42 Operator: RJ
Sample : RK90212-CAL5 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:48:23 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5658.D Vial: 8
Acq On : 2 Nov 2009 15:05 Operator: RJ
Sample : RK90212-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:55:42 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	228723	25.00	ug/L		0.00 105.75%
43) CI20	Chlorobenzene-D5	8.33	82	114202	25.00	ug/L		0.00 103.34%
63) CI30	1,4-Dichlorobenzene-	10.73	152	92672	25.00	ug/L		0.00 99.57%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.76	111	252511	103.78	ug/L		0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	415.12%#		
31) CS15	1,2-Dichloroethane-D	5.06	65	274262	102.74	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	410.96%#		
44) CS05	Toluene-D8	6.85	98	1052025	96.35	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	385.40%#		
62) CS10	p-Bromofluorobenzene	9.58	174	302969	97.46	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	389.84%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.27	85	234836	90.34	ug/L	#	100
3) C010	Chloromethane	1.41	50	231991	87.82	ug/L		99
4) C020	Vinyl chloride	1.52	62	290338	90.07	ug/L		88
5) C015	Bromomethane	1.79	94	116825	88.88	ug/L		88
6) C025	Chloroethane	1.89	64	196824	92.75	ug/L		87
7) C275	Trichlorofluorometha	2.08	101	465541m	94.39	ug/L		100
8) C045	1,1-Dichloroethene	2.59	96	323799	96.49	ug/L		91
9) C030	Methylene chloride	3.10	84	360858	97.00	ug/L	#	80
10) C040	Carbon disulfide	2.79	76	991809	99.45	ug/L		100
11) C036	Acrolein	2.55	56	295537	2205.91	ug/L		95
12) C038	Acrylonitrile	3.37	53	378317	524.75	ug/L		93
13) C035	Acetone	2.71	43	314631	511.51	ug/L		97
14) C300	Acetonitrile	3.00	41	871027	3991.82	ug/L		98
15) C276	Iodomethane	2.75	142	512378	98.39	ug/L		99
16) C291	1,1,2-Trichloro-1,2,	2.62	101	271919	93.26	ug/L		96
17) C962	T-butyl Methyl Ether	3.32	73	897050	101.67	ug/L		98
18) C057	trans-1,2-Dichloroet	3.33	96	382923	97.74	ug/L		94
19) C255	Methyl Acetate	3.00	43	183259	102.41	ug/L	#	86
20) C050	1,1-Dichloroethane	3.74	63	651784	97.83	ug/L		99
21) C125	Vinyl Acetate	3.79	43	2516370	504.22	ug/L		90
22) C051	2,2-Dichloropropane	4.26	77	437697	96.03	ug/L		98
23) C056	cis-1,2-Dichloroethe	4.29	96	412221	99.02	ug/L		95
24) C272	Tetrahydrofuran	4.55	42	333076	502.59	ug/L		79
25) C222	Bromochloromethane	4.53	128	172364	103.10	ug/L		88
27) C060	Chloroform	4.60	83	651034	99.62	ug/L		98
28) C115	1,1,1-Trichloroethan	4.72	97	562588	99.51	ug/L		95
29) C120	Carbon tetrachloride	4.86	117	475931	105.97	ug/L		100
30) C116	1,1-Dichloropropene	4.87	75	524960	98.58	ug/L		97
32) C165	Benzene	5.07	78	1524153	96.63	ug/L		99
33) C065	1,2-Dichloroethane	5.14	62	444105	102.43	ug/L		97
34) C110	2-Butanone	4.32	43	493643	509.34	ug/L		85
35) C256	Cyclohexane	4.73	56	607752	94.40	ug/L		89
36) C150	Trichloroethene	5.68	95	392412	99.88	ug/L		93
37) C140	1,2-Dichloropropane	5.92	63	351619	99.16	ug/L		98
38) C278	Dibromomethane	6.05	93	175821	104.63	ug/L		95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5658.D Vial: 8
Acq On : 2 Nov 2009 15:05 Operator: RJ
Sample : RK90212-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:55:42 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

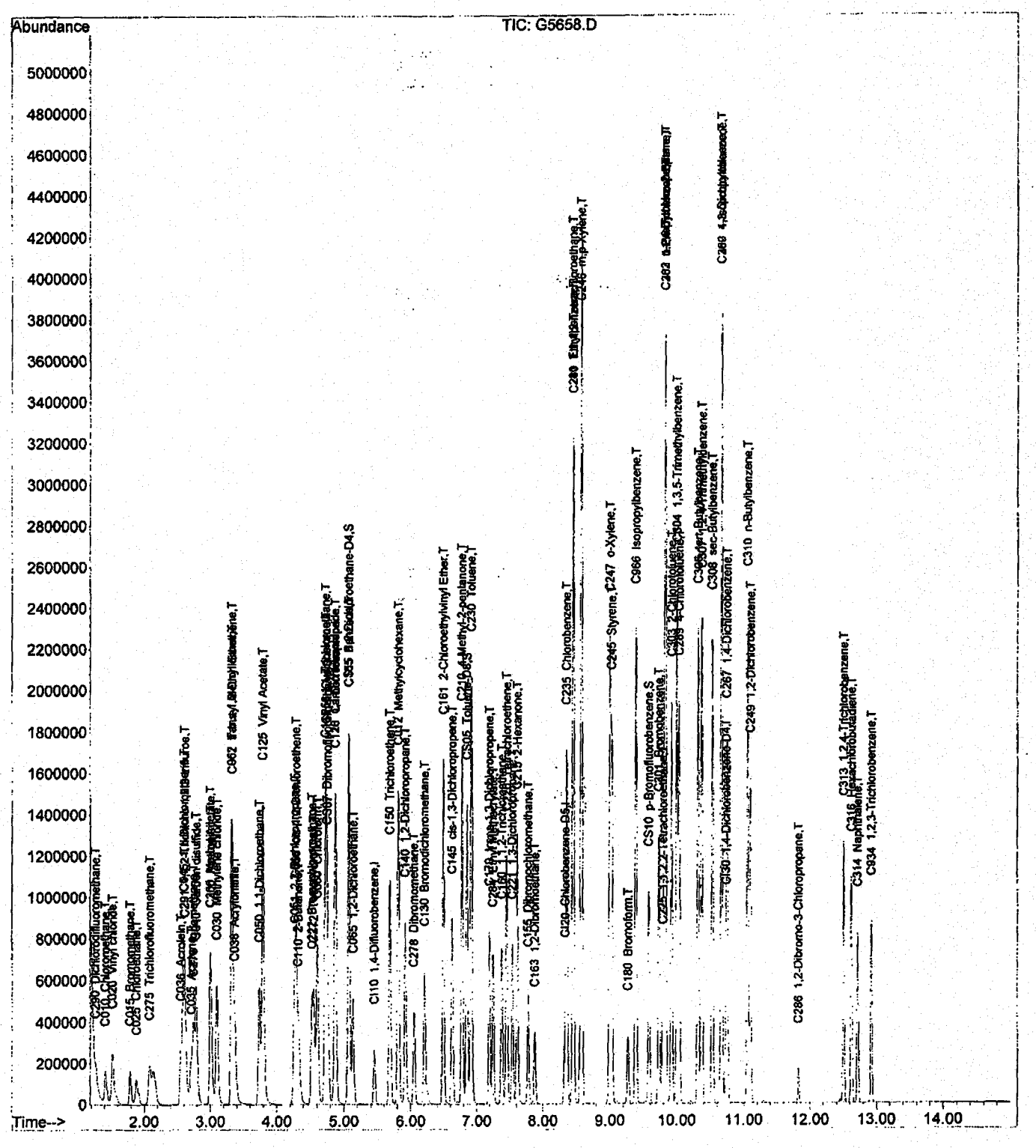
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	461457	111.59	ug/L		99
40) C161	2-Chloroethylvinyl E	6.49	63	766999	592.73	ug/L		90
41) C012	Methylcyclohexane	5.81	83	712751	95.90	ug/L		93
42) C145	cis-1,3-Dichloroprop	6.62	75	555436	105.79	ug/L		100
45) C230	Toluene	6.92	92	969725	95.36	ug/L		97
46) C170	trans-1,3-Dichloropr	7.19	75	491234	112.99	ug/L		97
47) C284	Ethyl Methacrylate	7.24	69	402947	110.15	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	217069	102.03	ug/L		98
49) C210	4-Methyl-2-pentanone	6.77	43	1135472	502.53	ug/L		87
50) C220	Tetrachloroethene	7.45	166	410775	95.10	ug/L		100
51) C221	1,3-Dichloropropane	7.54	76	488623	101.88	ug/L		98
52) C155	Dibromochloromethane	7.77	129	302738	119.12	ug/L		99
53) C163	1,2-Dibromoethane	7.88	107	258274	107.09	ug/L		98
54) C215	2-Hexanone	7.61	43	809432	517.09	ug/L		85
55) C235	Chlorobenzene	8.36	112	1029539	97.08	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	8.46	131	339135	102.72	ug/L		98
57) C240	Ethylbenzene	8.45	91	1812260	95.80	ug/L		98
58) C246	m,p-Xylene	8.57	106	1379102	188.97	ug/L		95
59) C247	o-Xylene	9.00	106	659232	95.39	ug/L		96
60) C245	Styrene	9.03	104	965274	102.86	ug/L		100
61) C180	Bromoform	9.27	173	169121	135.30	ug/L		97
64) C966	Isopropylbenzene	9.38	105	1735612	101.20	ug/L		95
65) C301	Bromobenzene	9.73	156	397806	105.84	ug/L		98
66) C225	1,1,2,2-Tetrachloroe	9.79	83	289327	114.06	ug/L		98
67) C282	1,2,3-Trichloropropa	9.82	110	89944	108.23	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	214250	667.21	ug/L	#	61
69) C302	n-Propylbenzene	9.82	91	2046517	102.81	ug/L		95
70) C303	2-Chlorotoluene	9.92	126	382544	104.05	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	387970	102.84	ug/L		100
72) C304	1,3,5-Trimethylbenze	10.00	105	1417421	102.44	ug/L		95
73) C306	tert-Butylbenzene	10.32	134	296538	99.46	ug/L	#	88
74) C307	1,2,4-Trimethylbenze	10.37	105	1347011	101.22	ug/L		97
75) C308	sec-Butylbenzene	10.52	105	1595652	100.07	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	709642	100.05	ug/L		98
77) C309	4-Isopropyltoluene	10.67	119	1411010	100.35	ug/L		98
78) C267	1,4-Dichlorobenzene	10.75	146	723118	99.97	ug/L		98
79) C249	1,2-Dichlorobenzene	11.10	146	638010	100.85	ug/L		96
80) C310	n-Butylbenzene	11.05	91	1249190	100.57	ug/L		96
81) C286	1,2-Dibromo-3-Chloro	11.82	75	40040	137.90	ug/L		86
82) C313	1,2,4-Trichlorobenze	12.51	180	368332	104.27	ug/L		98
83) C316	Hexachlorobutadiene	12.62	225	200860	90.55	ug/L		99
84) C314	Naphthalene	12.71	128	596330	114.37	ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	254333	100.66	ug/L		99

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5658.D Vial: 8
Acq On : 2 Nov 2009 15:05 Operator: RJ
Sample : RK90212-CAL6 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 17:55:42 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:46:23 2009
Response via : Initial Calibration
DataAcq Meth : VOA

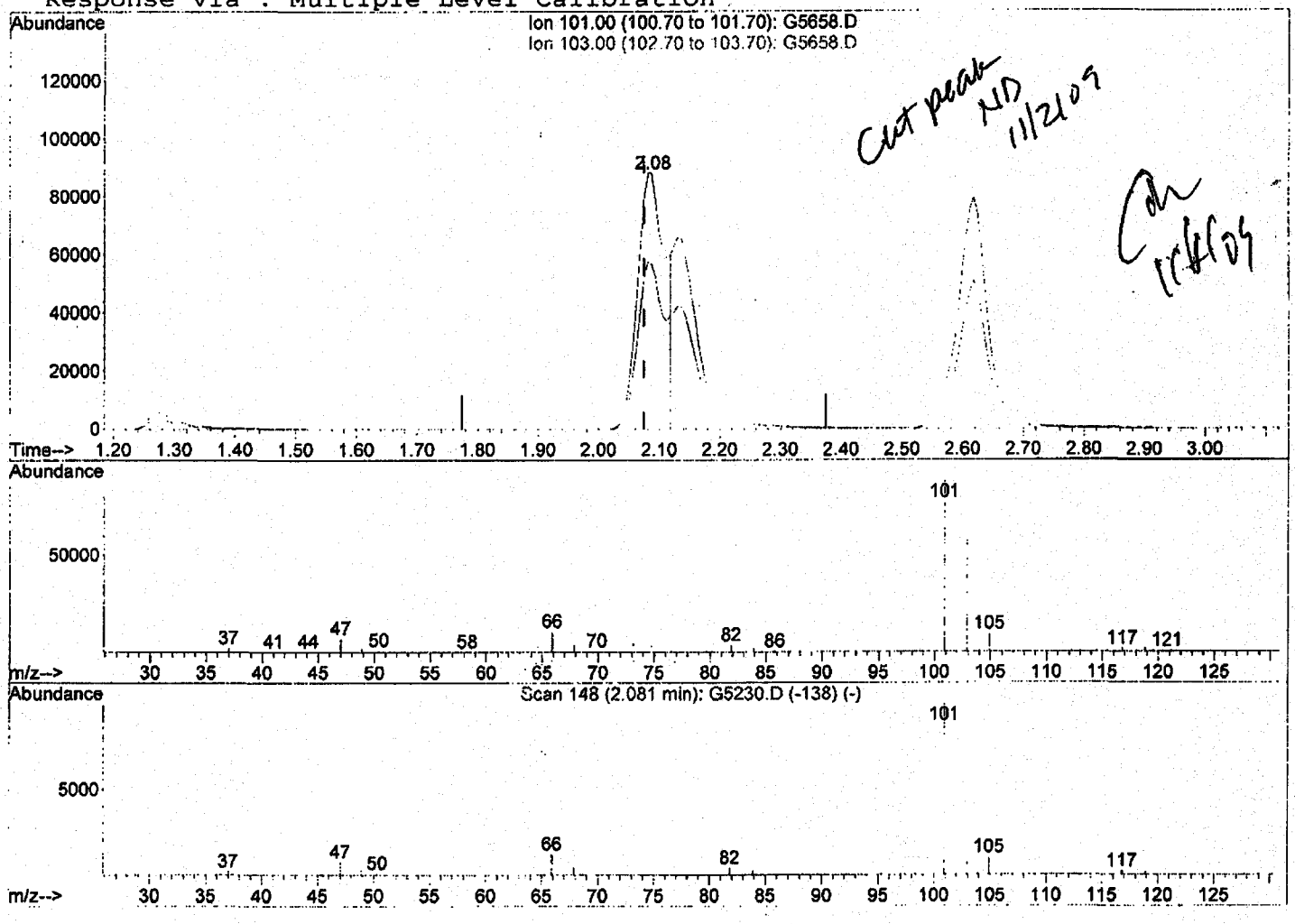


Quantitation Report (Qedit)

Data File : D:\MSDCHEM\G\DATA\110209\G5658.D
Acq On : 2 Nov 2009 15:05
Sample : RK90212-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:35 2009

Vial: 8
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:52:12 2009
Response via : Multiple Level Calibration



TIC: G5658.D

(7) C275 Trichlorofluoromethane (T)

2.08min (+0.006) 55.53ug/L

response 273904

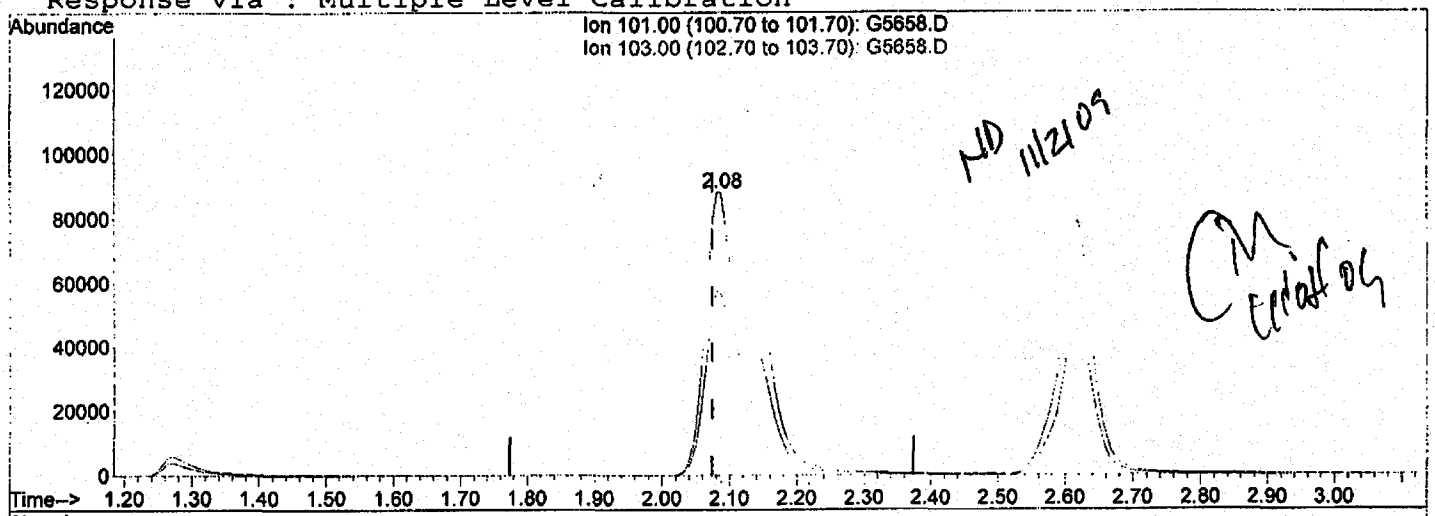
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.22
0.00	0.00	0.00
0.00	0.00	0.00

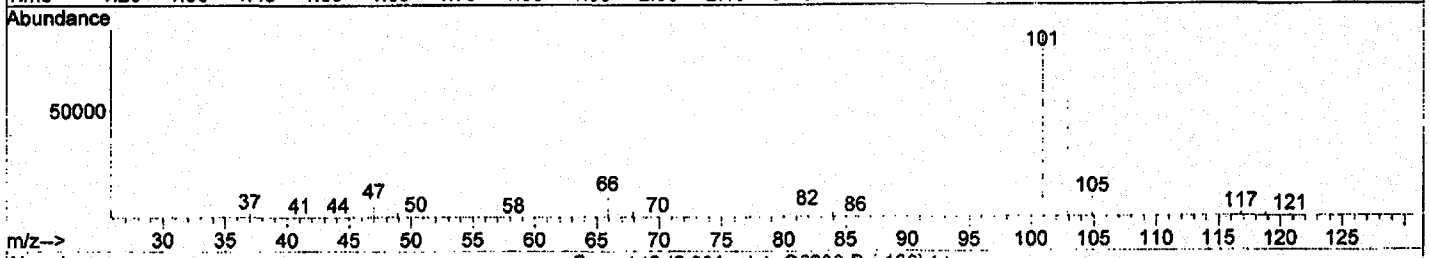
Quantitation Report (Qedit)

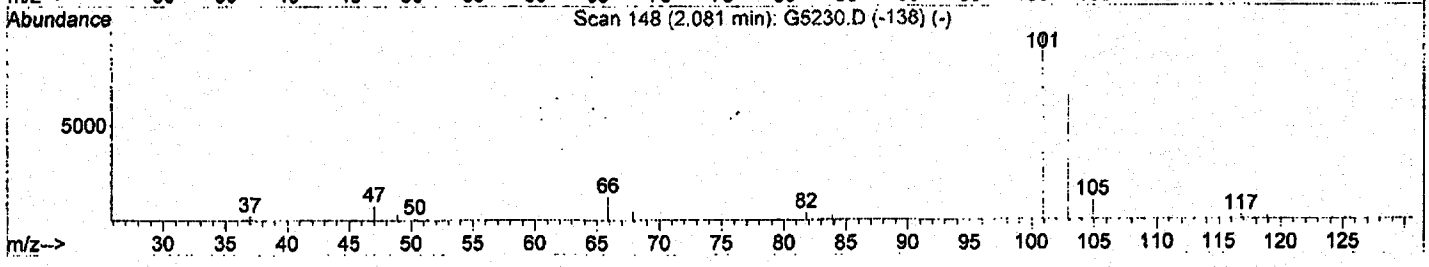
Data File : D:\MSDCHEM\G\DATA\110209\G5658.D
Acq On : 2 Nov 2009 15:05
Sample : RK90212-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 02 17:48:35 2009

Vial: 8
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 17:52:12 2009
Response via : Multiple Level Calibration







TIC: G5658.D

(7) C275 Trichlorofluoromethane (T)

2.08min (+0.006) 94.39ug/L m

response 465541

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report, TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5660.D Vial: 10
Acq On : 2 Nov 2009 18:54 Operator: NMD
Sample : RK90212-SCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 19:48:33 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 19:48:26 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	240183	25.00	ug/L	0.00 111.05%
43) CI20	Chlorobenzene-D5	8.32	82	122086	25.00	ug/L	0.00 110.47%
63) CI30	1,4-Dichlorobenzene-	10.73	152	98344	25.00	ug/L	0.00 105.67%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.75	111	59901	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	93.76%		
31) CS15	1,2-Dichloroethane-D	5.06	65	62508	22.30	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	89.20%		
44) CS05	Toluene-D8	6.85	98	275462	23.60	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	94.40%		
62) CS10	p-Bromofluorobenzene	9.58	174	74538	22.43	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	89.72%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.26	85	52712	19.31	ug/L #	100
3) C010	Chloromethane	1.40	50	52711	19.00	ug/L	97
4) C020	Vinyl chloride	1.51	62	65514	19.35	ug/L	88
5) C015	Bromomethane	1.78	94	32740	23.72	ug/L	87
6) C025	Chloroethane	1.89	64	49120	22.04	ug/L	91
7) C275	Trichlorofluorometha	2.09	101	110151	21.28	ug/L	100
8) C045	1,1-Dichloroethene	2.59	96	80230	22.77	ug/L	91
9) C030	Methylene chloride	3.09	84	89421	22.89	ug/L #	79
10) C040	Carbon disulfide	2.79	76	243484	23.25	ug/L	99
11) C036	Acrolein	2.56	56	28491	202.51	ug/L	95
12) C038	Acrylonitrile	3.37	53	99956	132.03	ug/L	95
13) C035	Acetone	2.71	43	71863	111.26	ug/L	94
14) C300	Acetonitrile	3.00	41	209429	913.99	ug/L	98
15) C276	Iodomethane	2.75	142	89714	16.40	ug/L	98
16) C291	1,1,2-Trichloro-1,2,	2.61	101	62806	20.51	ug/L	97
17) C962	T-butyl Methyl Ether	3.32	73	221995	23.96	ug/L	98
18) C057	trans-1,2-Dichloroet	3.32	96	99431	24.17	ug/L	96
19) C255	Methyl Acetate	3.00	43	65900	35.07	ug/L #	87
20) C050	1,1-Dichloroethane	3.74	63	167615	23.96	ug/L	98
21) C125	Vinyl Acetate	3.79	43	511126	97.54	ug/L	91
22) C051	2,2-Dichloropropane	4.26	77	113154	23.64	ug/L	97
23) C056	cis-1,2-Dichloroethe	4.29	96	105530	24.14	ug/L	94
24) C272	Tetrahydrofuran	4.56	42	78428	112.70	ug/L	79
25) C222	Bromochloromethane	4.52	128	41384	23.57	ug/L	90
27) C060	Chloroform	4.60	83	165752	24.15	ug/L	98
28) C115	1,1,1-Trichloroethan	4.72	97	139492	23.50	ug/L	96
29) C120	Carbon tetrachloride	4.86	117	114401	24.26	ug/L	98
30) C116	1,1-Dichloropropene	4.87	75	136395	24.39	ug/L	99
32) C165	Benzene	5.07	78	402309	24.29	ug/L	100
33) C065	1,2-Dichloroethane	5.13	62	107804	23.68	ug/L	98
34) C110	2-Butanone	4.33	43	117297	115.25	ug/L	85
35) C256	Cyclohexane	4.73	56	152303	22.53	ug/L	90
36) C150	Trichloroethene	5.68	95	102628	24.87	ug/L	92
37) C140	1,2-Dichloropropane	5.92	63	92794	24.92	ug/L	96
38) C278	Dibromomethane	6.05	93	43328	24.55	ug/L	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5660.D Vial: 10
Acq On : 2 Nov 2009 18:54 Operator: NMD
Sample : RK90212-SCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 19:48:33 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 19:48:26 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5656.D (2 Nov 2009 14:20)

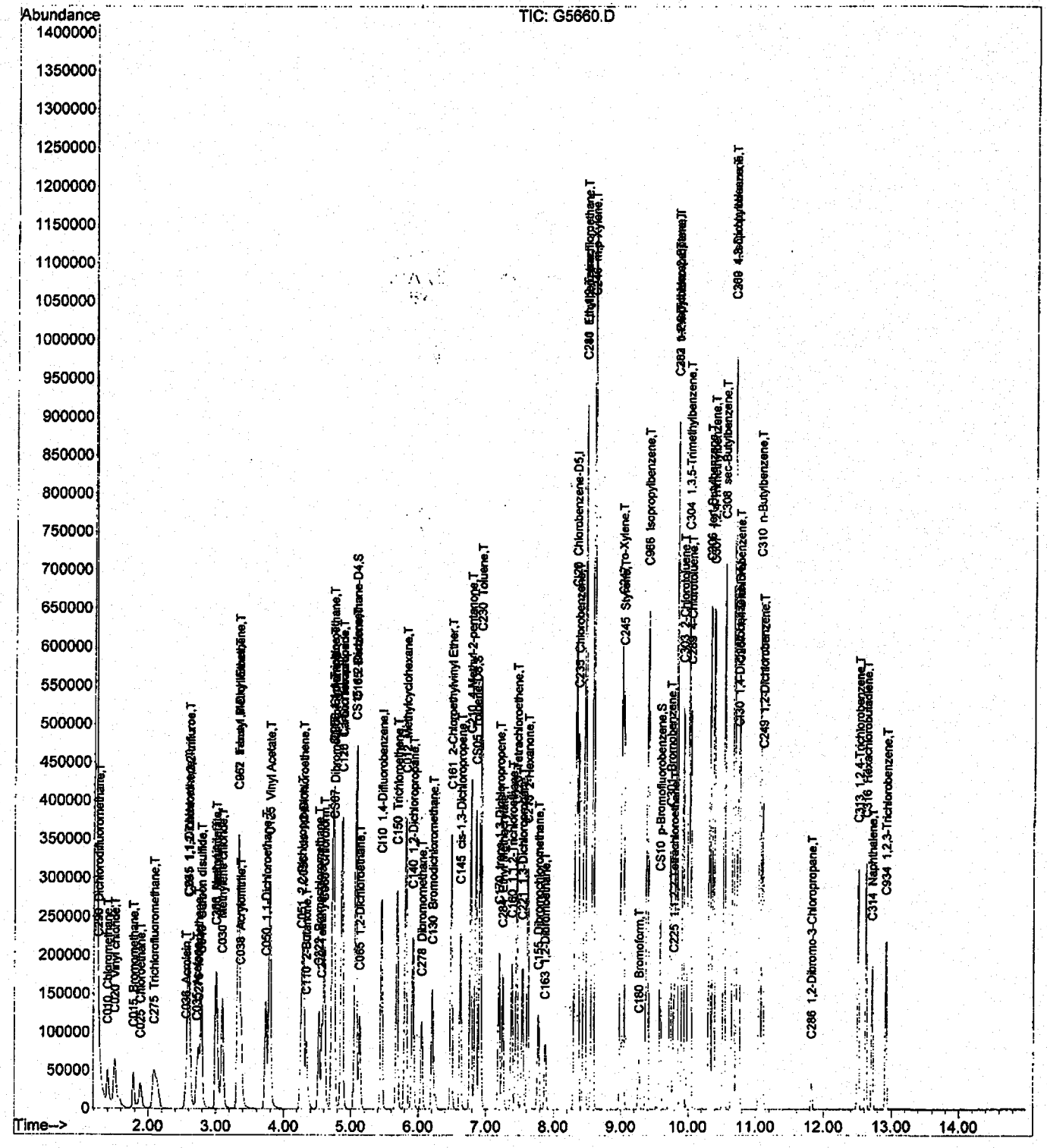
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.20	83	115961	26.70	ug/L		98
40) C161	2-Chloroethylvinyl E	6.48	63	164261	108.05	ug/L		90
41) C012	Methylcyclohexane	5.81	83	178811	22.91	ug/L		93
42) C145	cis-1,3-Dichloroprop	6.62	75	143879	26.10	ug/L		100
45) C230	Toluene	6.92	92	268066	24.66	ug/L		96
46) C170	trans-1,3-Dichloropr	7.19	75	122584	26.38	ug/L		96
47) C284	Ethyl Methacrylate	7.24	69	96993	24.80	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	55452	24.38	ug/L		99
49) C210	4-Methyl-2-pentanone	6.77	43	285323	118.12	ug/L		88
50) C220	Tetrachloroethene	7.45	166	111761	24.20	ug/L		99
51) C221	1,3-Dichloropropane	7.54	76	123042	24.00	ug/L		100
52) C155	Dibromochloromethane	7.77	129	72286	23.84	ug/L		97
53) C163	1,2-Dibromoethane	7.87	107	62185	24.12	ug/L		97
54) C215	2-Hexanone	7.61	43	200617	119.88	ug/L		85
55) C235	Chlorobenzene	8.35	112	279231	24.63	ug/L		97
56) C281	1,1,1,2-Tetrachloroe	8.45	131	89088	25.24	ug/L		99
57) C240	Ethylbenzene	8.45	91	509724	25.20	ug/L		99
58) C246	m,p-Xylene	8.57	106	365705	46.87	ug/L		96
59) C247	o-Xylene	9.00	106	174788	23.66	ug/L		96
60) C245	Styrene	9.02	104	282382	28.15	ug/L		100
61) C180	Bromoform	9.27	173	34589	21.58	ug/L		95
64) C966	Isopropylbenzene	9.38	105	475650	26.14	ug/L		95
65) C301	Bromobenzene	9.73	156	101588	25.47	ug/L		95
66) C225	1,1,2,2-Tetrachloroe	9.78	83	71148	26.43	ug/L		98
67) C282	1,2,3-Trichloropropa	9.81	110	20400	23.13	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	42565	104.39	ug/L	#	38
69) C302	n-Propylbenzene	9.82	91	559164	26.47	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	102344	26.23	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	102645	25.64	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	396767	27.02	ug/L		97
73) C306	tert-Butylbenzene	10.32	134	84475	26.70	ug/L	#	90
74) C307	1,2,4-Trimethylbenze	10.37	105	383595	27.16	ug/L		95
75) C308	sec-Butylbenzene	10.52	105	486003	28.72	ug/L		94
76) C260	1,3-Dichlorobenzene	10.66	146	186330	24.75	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	372752	24.98	ug/L		98
78) C267	1,4-Dichlorobenzene	10.74	146	192371	25.06	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	168184	25.05	ug/L		97
80) C310	n-Butylbenzene	11.05	91	342038	25.94	ug/L		96
81) C286	1,2-Dibromo-3-Chloro	11.82	75	8598	22.28	ug/L		81
82) C313	1,2,4-Trichlorobenze	12.51	180	92482	24.67	ug/L		99
83) C316	Hexachlorobutadiene	12.62	225	58553	24.87	ug/L		99
84) C314	Naphthalene	12.71	128	139517	22.50	ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	65461	24.41	ug/L		95

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5660.D Vial: 10
Acq On : 2 Nov 2009 18:54 Operator: NMD
Sample : RK90212-SCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 19:48:33 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 19:48:26 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973G	Calibration:	R9K0205
Lab File ID:	G5662.D	Calibration Date:	11/02/09 13:11
Sequence:	RK90223	Injection Date:	11/02/09
Lab Sample ID:	RK90223-CCV1	Injection Time:	20:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	24.8	0.6179465	0.6125593		-0.9	
1,1,2,2-Tetrachloroethane	A	25.0	23.2	0.6842855	0.6340853	0.3	-7.3	
1,1,2-Trichloroethane	A	25.0	23.0	0.4657214	0.4274883		-8.2	
1,1,2-Trichlorotrifluoroethane	A	25.0	22.9	0.3187038	0.2924216		-8.2	
1,1-Dichloroethane	A	25.0	24.0	0.7281878	0.6995007	0.1	-3.9	
1,1-Dichloroethene	A	25.0	24.3	0.3668101	0.3565188		-2.8	20
1,2,4-Trichlorobenzene	A	25.0	22.1	0.9529206	0.8425067		-11.6	
1,2-Dibromo-3-chloropropane	L	25.0	18.4	7.832722E-02	7.063181E-02		-26.3	
1,2-Dibromoethane (EDB)	A	25.0	21.8	0.5279408	0.4596424		-12.9	
1,2-Dichlorobenzene	A	25.0	23.7	1.706686	1.619373		-5.1	
1,2-Dichloroethane	A	25.0	22.2	0.473882	0.4209559		-11.2	
1,2-Dichloroethane-d4	A	25.0	21.4	0.2917866	0.2498175		-14.4	
1,2-Dichloropropane	A	25.0	24.8	0.3875714	0.3838026		-1.0	20
1,3-Dichlorobenzene	A	25.0	25.0	1.913453	1.911998		-0.08	
1,4-Dichlorobenzene	A	25.0	24.8	1.951239	1.939686		-0.6	
2-Butanone	A	125	101	0.1059344	8.572616E-02		-19.1	
2-Hexanone	A	125	109	0.3426724	0.2982647		-13.0	
4-Bromofluorobenzene	A	25.0	23.1	0.6804875	0.627894		-7.7	
4-Methyl-2-pentanone (MIBK)	A	125	109	0.4946295	0.4301475		-13.0	
Acetone	A	125	103	6.723204E-02	5.535731E-02		-17.7	
Benzene	A	25.0	24.6	1.723971	1.694377		-1.7	
Bromodichloromethane	A	25.0	25.5	0.4520092	0.4605388		1.9	
Bromoform	L	25.0	20.7	0.3180465	0.3337589	0.1	-17.4	
Bromomethane	A	25.0	25.9	0.1436628	0.1485838		3.4	
Carbon disulfide	A	25.0	23.8	1.090037	1.036125		-4.9	
Carbon Tetrachloride	A	25.0	25.2	0.4909045	0.4955352		0.9	
Chlorobenzene	A	25.0	24.4	2.321585	2.268594	0.3	-2.3	
Chlorodibromomethane	L	25.0	22.3	0.5563408	0.552073		-10.6	
Chloroethane	A	25.0	23.8	0.2319419	0.2210104		-4.7	

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	ARCADIS U.S., Inc. - Albany, NY	Project:	Arcadis, Geraghty & Miller - NY9A8463
Instrument ID:	HP5973G	Calibration:	R9K0205
Lab File ID:	G5662.D	Calibration Date:	11/02/09 13:11
Sequence:	RK90223	Injection Date:	11/02/09
Lab Sample ID:	RK90223-CCV1	Injection Time:	20:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroform	A	25.0	24.1	0.7143021	0.6891234		-3.5	20
Chloromethane	A	25.0	22.1	0.28874	0.2550837	0.1	-11.7	
cis-1,2-Dichloroethene	A	25.0	24.0	0.4550054	0.4359993		-4.2	
cis-1,3-Dichloropropene	A	25.0	25.1	0.5738663	0.5752507		0.2	
Cyclohexane	A	25.0	24.7	0.7037299	0.6941001		-1.4	
Dichlorodifluoromethane	A	25.0	22.2	0.2841278	0.2525282		-11.1	
Ethylbenzene	A	25.0	24.5	4.141356	4.062787		-1.9	20
Isopropylbenzene	A	25.0	26.4	4.626405	4.879853		5.5	
Methyl Acetate	A	25.0	21.0	0.1955866	0.1644748		-15.9	
Methylcyclohexane	A	25.0	24.3	0.8123357	0.7900801		-2.7	
Methylene Chloride	A	25.0	22.6	0.4066109	0.3677017		-9.6	
Methyl-t-Butyl Ether (MTBE)	A	25.0	21.7	0.9643731	0.8357559		-13.3	
m-Xylene & p-Xylene	A	50.0	49.1	1.59761	1.569638		-1.8	
o-Xylene	A	25.0	25.1	1.512877	1.516462		0.2	
Styrene	A	25.0	26.2	2.054331	2.149368		4.6	
Tetrachloroethene	A	25.0	25.2	0.9455673	0.9517941		0.7	
Toluene	A	25.0	25.5	2.226215	2.268814		1.9	20
Toluene-d8	A	25.0	24.5	2.390212	2.339318		-2.1	
trans-1,2-Dichloroethene	A	25.0	24.5	0.4282142	0.4191599		-2.1	
trans-1,3-Dichloropropene	A	25.0	24.6	0.9517271	0.9378302		-1.5	
Trichloroethene	A	25.0	25.4	0.4294519	0.435865		1.5	
Trichlorofluoromethane	A	25.0	24.2	0.5388661	0.5216273		-3.2	
Vinyl chloride	A	25.0	22.1	0.3523216	0.3120599		-11.4	20
Xylenes, total	A	75.0	74.2	1.569366	1.551912		-1.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5662.D Vial: 1
Acq On : 2 Nov 2009 20:17 Operator: NMD
Sample : RK90223-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 20:41:16 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 20:31:45 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\G\110209\G5656.D (2 Nov 2009 14:20)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	238310	25.00	ug/L		0.00 110.18%
43) CI20	Chlorobenzene-D5	8.32	82	118305	25.00	ug/L		0.00 107.05%
63) CI30	1,4-Dichlorobenzene-	10.72	152	95566	25.00	ug/L		0.00 102.68%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.75	111	58674	23.14	ug/L		0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%		
31) CS15	1,2-Dichloroethane-D	5.06	65	59534	21.40	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	85.60%		
44) CS05	Toluene-D8	6.85	98	276753	24.47	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	97.88%		
62) CS10	p-Bromofluorobenzene	9.58	174	74283	23.07	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	92.28%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.27	85	60180	22.22	ug/L	#	100
3) C010	Chloromethane	1.40	50	60789	22.09	ug/L		100
4) C020	Vinyl chloride	1.50	62	74367	22.14	ug/L		88
5) C015	Bromomethane	1.78	94	35409	25.86	ug/L		87
6) C025	Chloroethane	1.89	64	52669	23.82	ug/L		91
7) C275	Trichlorofluorometha	2.08	101	124309	24.20	ug/L		99
8) C045	1,1-Dichloroethene	2.59	96	84962	24.30	ug/L		91
9) C030	Methylene chloride	3.09	84	87627	22.61	ug/L	#	82
10) C040	Carbon disulfide	2.78	76	246919	23.76	ug/L		99
11) C036	Acrolein	2.54	56	56612	405.56	ug/L		97
12) C038	Acrylonitrile	3.37	53	77465	103.13	ug/L		94
13) C035	Acetone	2.71	43	65961	102.92	ug/L		91
14) C300	Acetonitrile	3.00	41	178673	785.90	ug/L		97
15) C276	Iodomethane	2.74	142	135937	25.05	ug/L		99
16) C291	1,1,2-Trichloro-1,2,	2.61	101	69687	22.94	ug/L		96
17) C962	T-butyl Methyl Ether	3.32	73	199169	21.67	ug/L		98
18) C057	trans-1,2-Dichloroet	3.32	96	99890	24.47	ug/L		95
19) C255	Methyl Acetate	3.00	43	39196	21.02	ug/L	#	89
20) C050	1,1-Dichloroethane	3.73	63	166698	24.02	ug/L		98
21) C125	Vinyl Acetate	3.79	43	568722	109.38	ug/L		92
22) C051	2,2-Dichloropropane	4.26	77	124219	26.16	ug/L		98
23) C056	cis-1,2-Dichloroethe	4.29	96	103903	23.96	ug/L		95
24) C272	Tetrahydrofuran	4.56	42	67968	98.43	ug/L		80
25) C222	Bromochloromethane	4.52	128	39969	22.95	ug/L		86
27) C060	Chloroform	4.60	83	164225	24.12	ug/L		98
28) C115	1,1,1-Trichloroethan	4.71	97	145979	24.78	ug/L		95
29) C120	Carbon tetrachloride	4.85	117	118091	25.24	ug/L		96
30) C116	1,1-Dichloropropene	4.87	75	135231	24.37	ug/L		97
32) C165	Benzene	5.07	78	403787	24.57	ug/L		100
33) C065	1,2-Dichloroethane	5.13	62	100318	22.21	ug/L		98
34) C110	2-Butanone	4.33	43	102147	101.15	ug/L		86
35) C256	Cyclohexane	4.73	56	165411	24.66	ug/L		90
36) C150	Trichloroethene	5.68	95	103871	25.37	ug/L		90
37) C140	1,2-Dichloropropane	5.92	63	91464	24.76	ug/L		98
38) C278	Dibromomethane	6.05	93	39298	22.45	ug/L		95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5662.D Vial: 1
Acq On : 2 Nov 2009 20:17 Operator: NMD
Sample : RK90223-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 20:41:16 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 20:31:45 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\G\110209\G5656.D (2 Nov 2009 14:20)

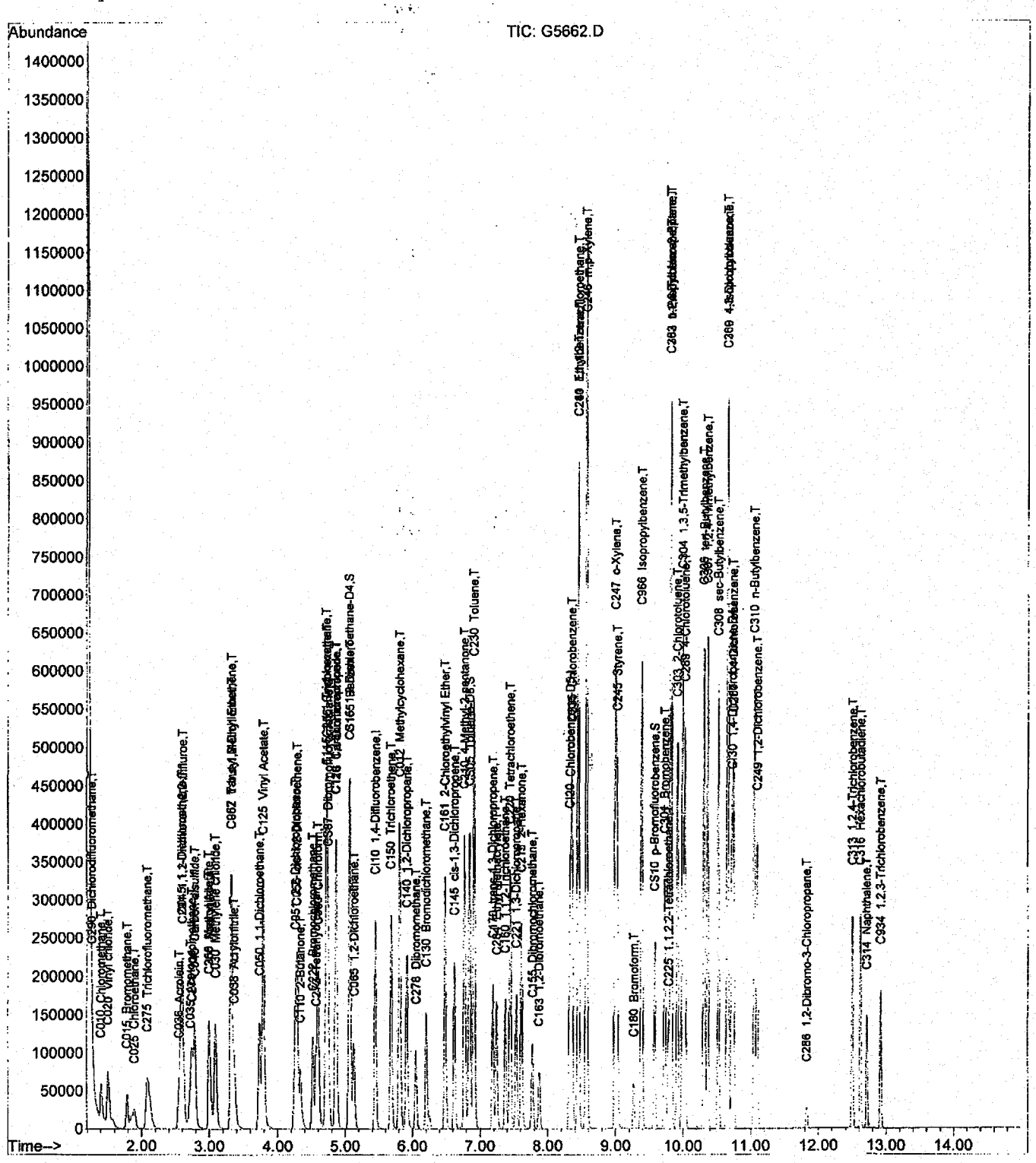
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.20	83	109751	25.47 ug/L		98
40) C161	2-Chloroethylvinyl E	6.48	63	154596	102.86 ug/L		90
41) C012	Methylcyclohexane	5.81	83	188284	24.32 ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	137088	25.06 ug/L		99
45) C230	Toluene	6.91	92	268412	25.48 ug/L		97
46) C170	trans-1,3-Dichloropr	7.19	75	110950	24.63 ug/L		95
47) C284	Ethyl Methacrylate	7.24	69	90663	23.92 ug/L	#	83
48) C160	1,1,2-Trichloroethan	7.37	83	50574	22.95 ug/L		99
49) C210	4-Methyl-2-pentanone	6.77	43	254443	108.70 ug/L		87
50) C220	Tetrachloroethene	7.45	166	112602	25.16 ug/L		98
51) C221	1,3-Dichloropropane	7.54	76	113062	22.76 ug/L		99
52) C155	Dibromochloromethane	7.77	129	65313	22.34 ug/L		99
53) C163	1,2-Dibromoethane	7.87	107	54378	21.77 ug/L		96
54) C215	2-Hexanone	7.61	43	176431	108.80 ug/L		85
55) C235	Chlorobenzene	8.35	112	268386	24.43 ug/L		98
56) C281	1,1,1,2-Tetrachloroe	8.45	131	85245	24.93 ug/L		97
57) C240	Ethylbenzene	8.45	91	480648	24.53 ug/L		99
58) C246	m,p-Xylene	8.57	106	371392	49.12 ug/L		96
59) C247	o-Xylene	9.00	106	179405	25.06 ug/L		95
60) C245	Styrene	9.02	104	254281	26.16 ug/L		100
61) C180	Bromoform	9.27	173	31896	20.66 ug/L		100
64) C966	Isopropylbenzene	9.38	105	466348	26.37 ug/L		96
65) C301	Bromobenzene	9.73	156	99919	25.78 ug/L		96
66) C225	1,1,2,2-Tetrachloroe	9.78	83	60597	23.17 ug/L		99
67) C282	1,2,3-Trichloropropa	9.81	110	19784	23.09 ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	51525	127.11 ug/L	#	52
69) C302	n-Propylbenzene	9.82	91	544369	26.52 ug/L		94
70) C303	2-Chlorotoluene	9.91	126	98825	26.07 ug/L		100
71) C289	4-Chlorotoluene	10.03	126	102825	26.43 ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	379389	26.59 ug/L		95
73) C306	tert-Butylbenzene	10.31	134	80929	26.32 ug/L	#	86
74) C307	1,2,4-Trimethylbenze	10.37	105	367356	26.77 ug/L		96
75) C308	sec-Butylbenzene	10.52	105	397217	24.16 ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	182722	24.98 ug/L		99
77) C309	4-Isopropyltoluene	10.66	119	360675	24.88 ug/L		97
78) C267	1,4-Dichlorobenzene	10.74	146	185368	24.85 ug/L		96
79) C249	1,2-Dichlorobenzene	11.10	146	154757	23.72 ug/L		97
80) C310	n-Butylbenzene	11.05	91	313852	24.50 ug/L		97
81) C286	1,2-Dibromo-3-Chloro	11.82	75	6750	18.43 ug/L		86
82) C313	1,2,4-Trichlorobenze	12.51	180	80515	22.10 ug/L		98
83) C316	Hexachlorobutadiene	12.62	225	52279	22.85 ug/L		99
84) C314	Naphthalene	12.71	128	111031	18.55 ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	53910	20.69 ug/L		97

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5662.D Vial: 1
Acq On : 2 Nov 2009 20:17 Operator: NMD
Sample : RK90223-CCV1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 20:41:16 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 20:31:45 2009
Response via : Initial Calibration
DataAcq Meth : VOA

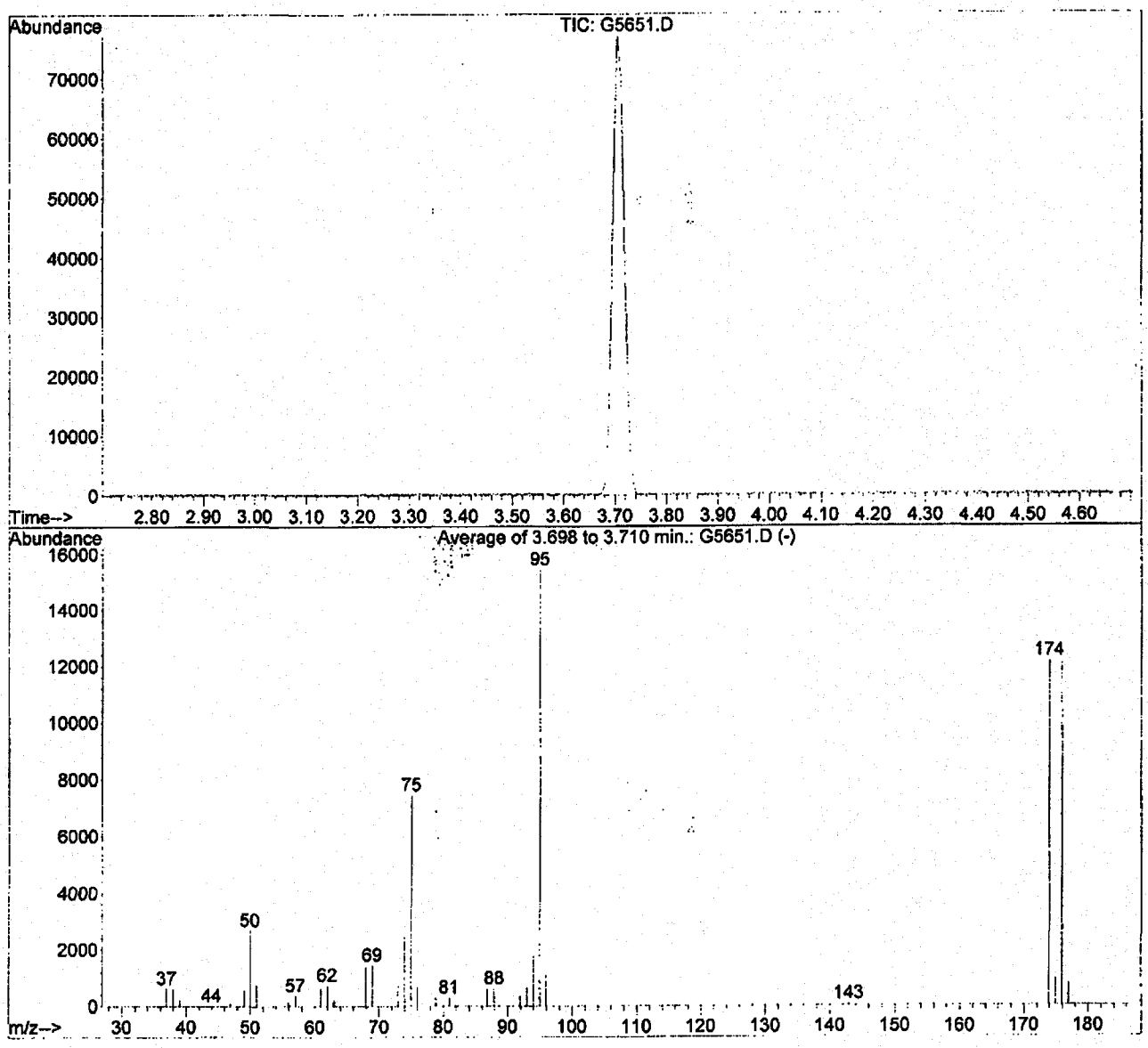


BFB Tune Evaluation

Data File : D:\MSDCHEM\G\DATA\110209\G5651.D
Acq On : 2 Nov 2009 12:25
Sample : RK90212-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 376 (3.70 min)
Average of 3 scans: 375,376,377 minus background scan 356 (3.58 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.4	2680	PASS
75	95	30	60	48.2	7441	PASS
95	95	100	100	100.0	15441	PASS
96	95	5	9	7.0	1080	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	78.7	12152	PASS
175	174	5	9	7.6	922	PASS
176	174	95	101	99.4	12075	PASS
177	176	5	9	6.4	768	PASS

G5651.D R9K0205-SIXPT.M Mon Nov 02 17:53:58 2009 HP5973S

Average of 3.698 to 3.710 min.: G5651.D
RK90212-TUN1
Modified:subtracted

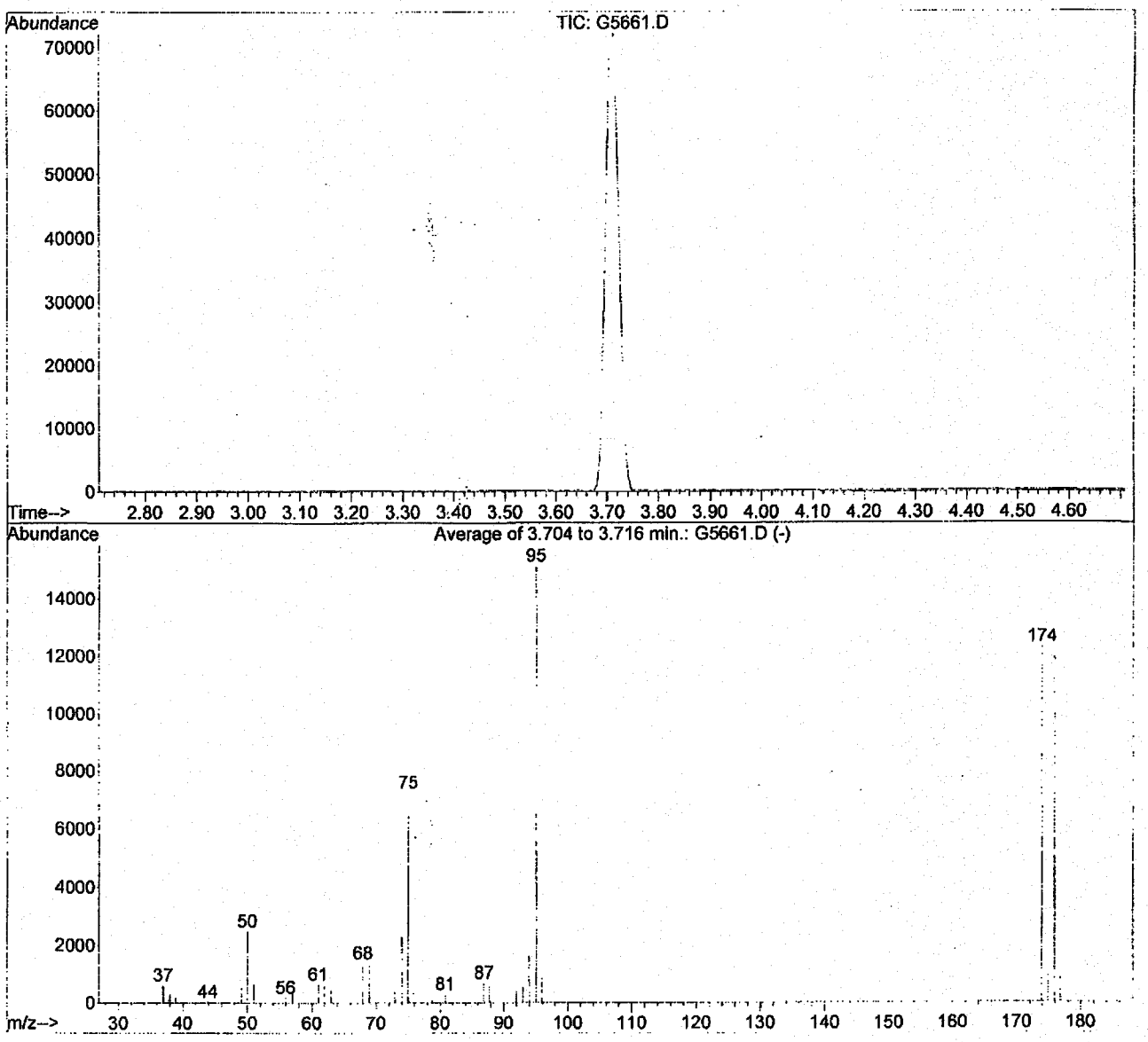
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.95	626	62.90	141	87.90	619		
37.95	595	63.05	322	91.90	387		
39.00	233	67.95	1381	92.90	666		
46.95	106	68.95	1439	94.00	1776		
49.05	550	72.95	755	94.95	15441		
49.95	2680	74.00	2482	95.95	1080		
50.95	794	75.00	7441	173.90	12152		
55.85	142	76.00	686	174.90	922		
57.00	368	78.85	285	175.90	12075		
60.95	635	80.90	303	176.90	768		
61.95	734	86.85	608				

BFB Tune Evaluation

Data File : D:\MSDChem\G\Data\110209\G5661.D
Acq On : 2 Nov 2009 19:56
Sample : RK90223-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 377 (3.71 min)
Average of 3 scans: 376,377,378 minus background scan 357 (3.59 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	2482	PASS
75	95	30	60	47.9	7244	PASS
95	95	100	100	100.0	15121	PASS
96	95	5	9	6.7	1013	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	81.3	12295	PASS
175	174	5	9	8.2	1009	PASS
176	174	95	101	98.0	12054	PASS
177	176	5	9	7.0	840	PASS

Average of 3.704 to 3.716 min.: G5661.D
RK90223-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.95	612	62.95	447	87.80	588		
37.80	148	67.95	1379	91.90	431		
38.05	316	68.95	1328	92.95	556		
38.95	208	72.95	587	93.95	1612		
49.05	540	74.00	2362	95.00	15121		
50.00	2482	75.00	7244	95.95	1013		
51.05	700	75.90	377	173.90	12295		
55.95	176	76.10	175	174.85	1009		
56.95	333	78.85	152	175.90	12054		
61.00	642	80.85	301	176.85	840		
61.95	612	86.90	685				

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:	9K02110-BLK1	File ID:	G5665.D
Sampled:		Prepared:	11/02/09 19:29	Analyzed:	11/02/09 21:48
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	9K02110	Sequence:	RK90223	Calibration:	R9K0205
Instrument:	HP5973G				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.40	U
75-34-3	1,1-Dichloroethane	1	0.75	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.40	U
106-46-7	1,4-Dichlorobenzene	1	0.40	U
71-43-2	Benzene	1	0.41	U
108-90-7	Chlorobenzene	1	0.40	U
75-00-3	Chloroethane	1	0.40	U
156-59-2	cis-1,2-Dichloroethene	1	0.40	U
100-41-4	Ethylbenzene	1	0.40	U
136777-61-2	m-Xylene & p-Xylene	1	1.0	U
95-47-6	o-Xylene	1	0.40	U
127-18-4	Tetrachloroethene	1	0.40	U
108-88-3	Toluene	1	0.60	U
156-60-5	trans-1,2-Dichloroethene	1	0.42	U
79-01-6	Trichloroethene	1	0.46	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	1.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	22.1	88	66 - 137	
4-Bromofluorobenzene	25.0	24.0	96	73 - 120	
Toluene-d8	25.0	24.1	97	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	101355	10.73	95566	10.72	
1,4-Difluorobenzene	243445	5.45	238310	5.45	
Chlorobenzene-d5	115103	8.32	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5665.D Vial: 4
Acq On : 2 Nov 2009 21:48 Operator: NMD
Sample : 9K02110-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 22:05:02 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 22:03:57 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\110209\G5662.D (2 Nov 2009 20:17)

S7 & N1W 11/12/09 NO AOD NOTIC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	243445	25.00	ug/L	0.00 102.15%
43) CI20	Chlorobenzene-D5	8.32	82	115103	25.00	ug/L	0.00 97.29%
63) CI30	1,4-Dichlorobenzene-	10.73	152	101355	25.00	ug/L	0.00 106.06%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.76	111	57394	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery =	88.64%		
31) CS15	1,2-Dichloroethane-D	5.06	65	62814	22.11	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	88.44%		
44) CS05	Toluene-D8	6.85	98	265658	24.14	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	96.56%		
62) CS10	p-Bromofluorobenzene	9.58	174	75090	23.97	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	95.88%		

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	2.79	76	430	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro,	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	4.65	42	67	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

11/12/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5665.D Vial: 4
Acq On : 2 Nov 2009 21:48 Operator: NMD
Sample : 9K02110-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 22:05:02 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 22:03:57 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\110209\G5662.D (2 Nov 2009 20:17)

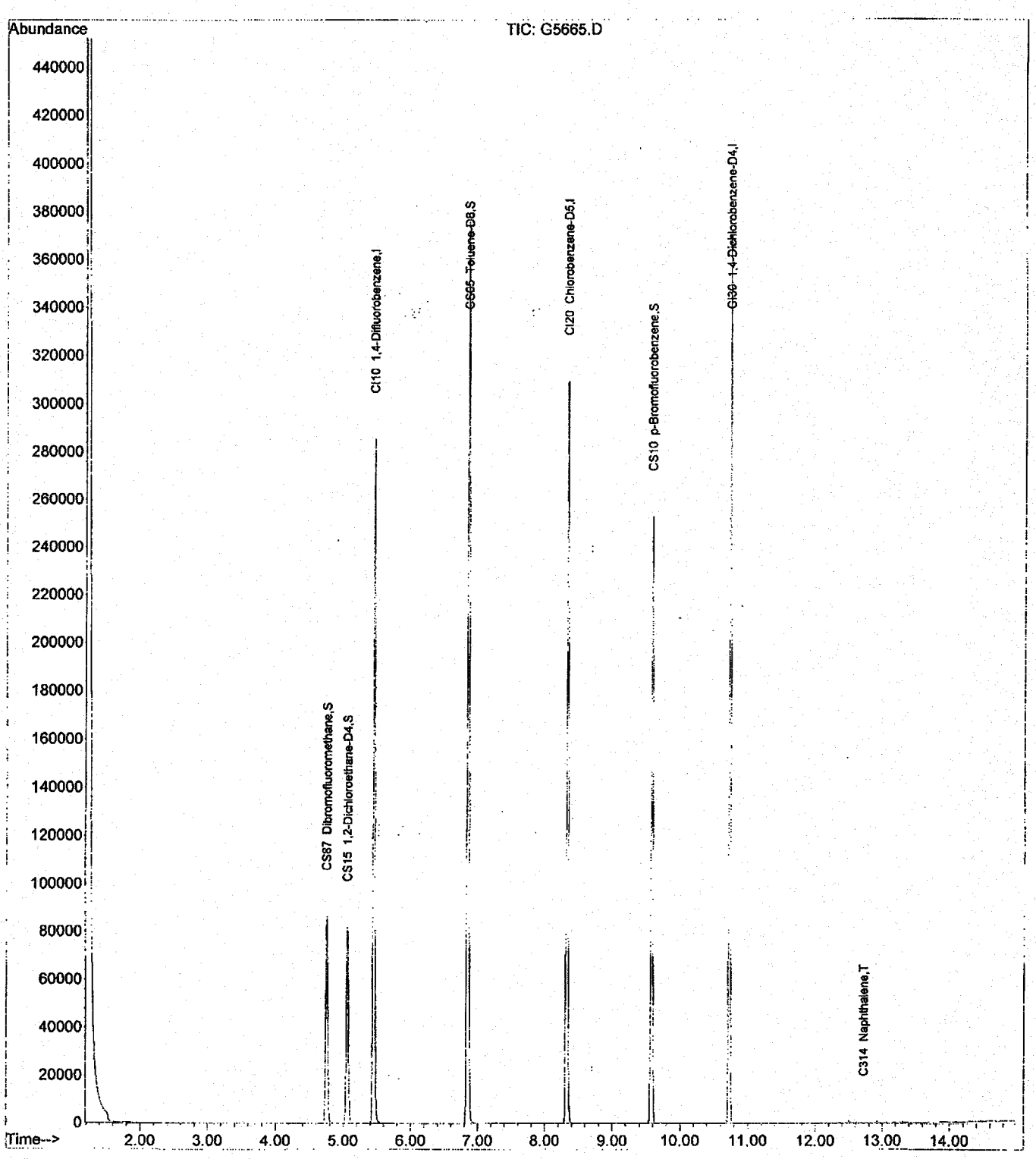
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.84	43	872	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.33	91	319	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.58	91	118	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
77) C309	4-Isopropyltoluene	10.66	119	63	N.D.	
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.05	91	188	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	12.51	180	471	N.D.	
83) C316	Hexachlorobutadien	12.63	225	263	N.D.	
84) C314	Naphthalene	~~12.71~~	~~128~~	~~663~~	~~0.82 ug/L~~	77
85) C934	1,2,3-Trichloroben	12.92	180	446	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5665.D Vial: 4
Acq On : 2 Nov 2009 21:48 Operator: NMD
Sample : 9K02110-BLK1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 22:05:02 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 22:03:57 2009
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

LCS

Laboratory: TestAmerica Buffalo SDG:

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

Matrix: Water Laboratory ID: 9K02110-BS1 File ID: G5664.D

Sampled: Prepared: 11/02/09 19:29 Analyzed: 11/02/09 21:03

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	26.3	
75-34-3	1,1-Dichloroethane	1	26.6	
95-50-1	1,2-Dichlorobenzene	1	24.7	
541-73-1	1,3-Dichlorobenzene	1	25.5	
106-46-7	1,4-Dichlorobenzene	1	25.0	
71-43-2	Benzene	1	26.1	
108-90-7	Chlorobenzene	1	25.2	
75-00-3	Chloroethane	1	27.2	
156-59-2	cis-1,2-Dichloroethene	1	26.6	
100-41-4	Ethylbenzene	1	25.0	
136777-61-2	m-Xylene & p-Xylene	1	50.2	
95-47-6	o-Xylene	1	25.6	
127-18-4	Tetrachloroethene	1	24.3	
108-88-3	Toluene	1	24.6	
156-60-5	trans-1,2-Dichloroethene	1	27.2	
79-01-6	Trichloroethene	1	25.6	
75-01-4	Vinyl chloride	1	26.0	
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	24.9	99	66 - 137	
4-Bromofluorobenzene	25.0	24.4	98	73 - 120	
Toluene-d8	25.0	24.5	98	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	97958	10.73	95566	10.72	
1,4-Difluorobenzene	203296	5.45	238310	5.45	
Chlorobenzene-d5	111588	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5664.D Vial: 3
Acq On : 2 Nov 2009 21:03 Operator: NMD
Sample : 9K02110-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 21:35:14 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 21:35:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	203296	25.00	ug/L		0.00 85.31%
43) CI20	Chlorobenzene-D5	8.33	82	111588	25.00	ug/L		0.00 94.32%
63) CI30	1,4-Dichlorobenzene-	10.73	152	97958	25.00	ug/L		0.00 102.50%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.76	111	57428	26.55	ug/L		0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.20%		
31) CS15	1,2-Dichloroethane-D	5.06	65	58984	24.86	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	99.44%		
44) CS05	Toluene-D8	6.85	98	261263	24.49	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	97.96%		
62) CS10	p-Bromofluorobenzene	9.58	174	74145	24.41	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	97.64%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.27	85	59074	25.57	ug/L	#	100
3) C010	Chloromethane	1.40	50	63350	26.98	ug/L		98
4) C020	Vinyl chloride	1.51	62	74551	26.02	ug/L		87
5) C015	Bromomethane	1.78	94	31452	26.92	ug/L		87
6) C025	Chloroethane	1.88	64	51373	27.24	ug/L		89
7) C275	Trichlorofluorometha	2.08	101	111666	25.48	ug/L		96
8) C045	1,1-Dichloroethene	2.59	96	78092	26.18	ug/L		91
9) C030	Methylene chloride	3.10	84	87271	26.39	ug/L	#	80
10) C040	Carbon disulfide	2.79	76	246440	27.80	ug/L		99
11) C036	Acrolein	2.56	56	65853	553.01	ug/L		94
12) C038	Acrylonitrile	3.37	53	87032	135.82	ug/L		93
13) C035	Acetone	2.71	43	72517	132.64	ug/L		97
14) C300	Acetonitrile	3.00	41	207288	1068.79	ug/L		97
15) C276	Iodomethane	2.75	142	129501	27.98	ug/L		98
16) C291	1,1,2-Trichloro-1,2,	2.61	101	71585	27.62	ug/L		96
17) C962	T-butyl Methyl Ether	3.32	73	214290	27.33	ug/L		98
18) C057	trans-1,2-Dichloroet	3.33	96	94643	27.18	ug/L		94
19) C255	Methyl Acetate	3.01	43	43964	27.64	ug/L	#	86
20) C050	1,1-Dichloroethane	3.74	63	157645	26.62	ug/L		98
21) C125	Vinyl Acetate	3.79	43	599100	135.07	ug/L		92
22) C051	2,2-Dichloropropane	4.26	77	110961	27.39	ug/L		96
23) C056	cis-1,2-Dichloroethe	4.29	96	98402	26.59	ug/L		97
24) C272	Tetrahydrofuran	4.56	42	72410	122.93	ug/L		81
25) C222	Bromochloromethane	4.53	128	39386	26.51	ug/L		87
27) C060	Chloroform	4.60	83	152430	26.24	ug/L		98
28) C115	1,1,1-Trichloroethan	4.72	97	132300	26.33	ug/L		94
29) C120	Carbon tetrachloride	4.86	117	107320	26.88	ug/L		100
30) C116	1,1-Dichloropropene	4.87	75	121406	25.65	ug/L		96
32) C165	Benzene	5.07	78	365740	26.09	ug/L		100
33) C065	1,2-Dichloroethane	5.14	62	99303	25.77	ug/L		97
34) C110	2-Butanone	4.34	43	111316	129.22	ug/L		85
35) C256	Cyclohexane	4.73	56	151718	26.51	ug/L		90
36) C150	Trichloroethene	5.68	95	89329	25.58	ug/L		95
37) C140	1,2-Dichloropropane	5.92	63	82315	26.12	ug/L		98
38) C278	Dibromomethane	6.05	93	38479	25.76	ug/L		95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5664.D Vial: 3
Acq On : 2 Nov 2009 21:03 Operator: NMD
Sample : 9K02110-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 02 21:35:14 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 21:35:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\110209\G5662.D (2 Nov 2009 20:17)

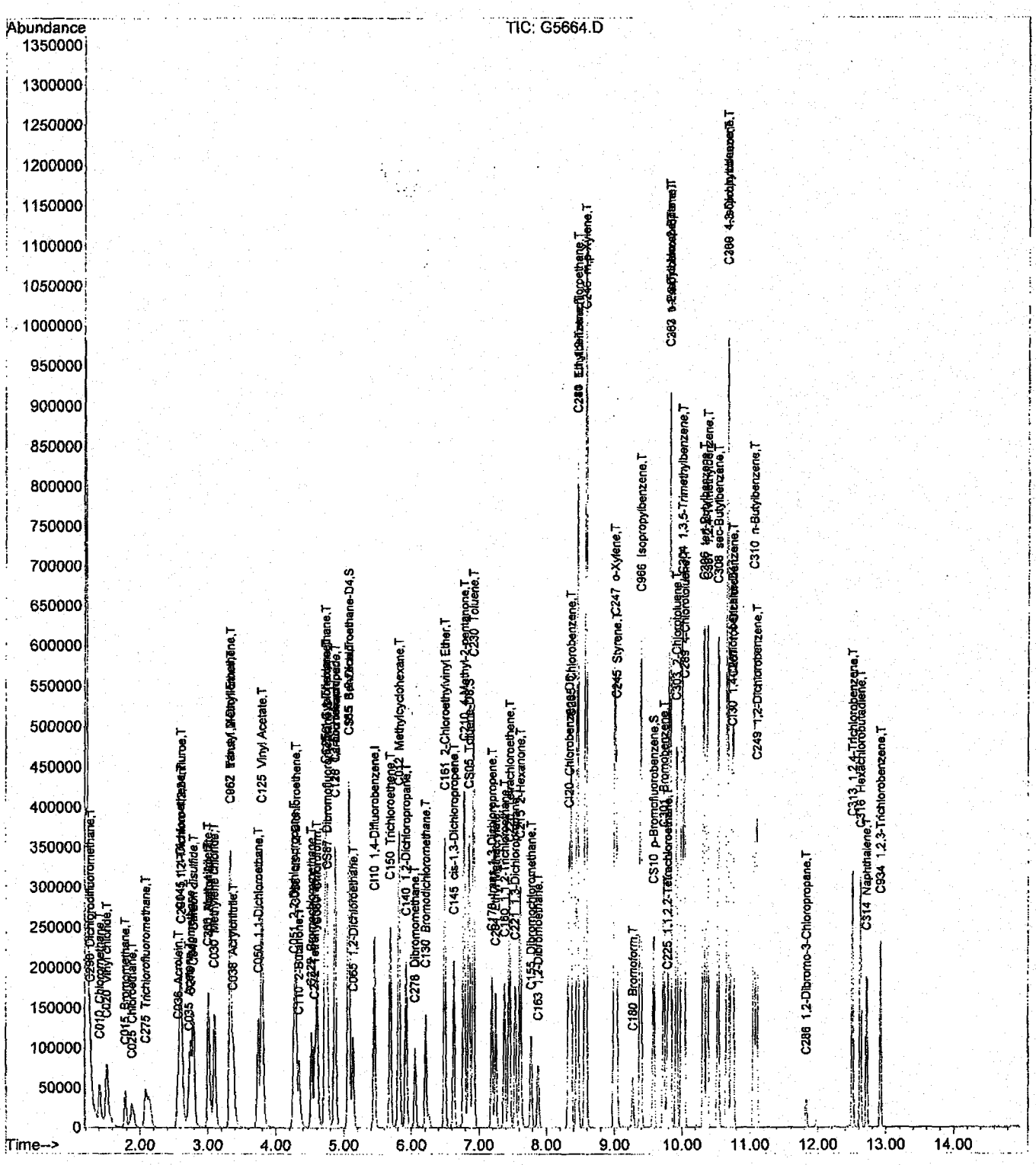
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	100585	27.37	ug/L		99
40) C161	2-Chloroethylvinyl E	6.49	63	164884	126.80	ug/L		91
41) C012	Methylcyclohexane	5.81	83	173638	26.29	ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	130349	27.93	ug/L		99
45) C230	Toluene	6.92	92	244408	24.60	ug/L		96
46) C170	trans-1,3-Dichloropr	7.19	75	107792	25.37	ug/L		95
47) C284	Ethyl Methacrylate	7.24	69	93552	26.17	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	50360	24.23	ug/L		99
49) C210	4-Methyl-2-pentanone	6.77	43	280817	127.19	ug/L		87
50) C220	Tetrachloroethene	7.45	166	102646	24.32	ug/L		99
51) C221	1,3-Dichloropropane	7.54	76	112973	24.11	ug/L		99
52) C155	Dibromochloromethane	7.77	129	65873	23.77	ug/L		99
53) C163	1,2-Dibromoethane	7.88	107	58112	24.66	ug/L		97
54) C215	2-Hexanone	7.61	43	194466	127.14	ug/L		85
55) C235	Chlorobenzene	8.35	112	260591	25.15	ug/L		98
56) C281	1,1,1,2-Tetrachloroe	8.45	131	83034	25.74	ug/L		99
57) C240	Ethylbenzene	8.45	91	462842	25.04	ug/L		98
58) C246	m,p-Xylene	8.57	106	358227	50.24	ug/L		95
59) C247	o-Xylene	9.00	106	172750	25.58	ug/L		96
60) C245	Styrene	9.02	104	243726	26.58	ug/L		100
61) C180	Bromoform	9.27	173	32857	22.32	ug/L		100
64) C966	Isopropylbenzene	9.38	105	446530	24.63	ug/L		95
65) C301	Bromobenzene	9.73	156	98060	24.68	ug/L		99
66) C225	1,1,2,2-Tetrachloroe	9.78	83	68225	25.45	ug/L		97
67) C282	1,2,3-Trichloropropa	9.81	110	21743	24.75	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	47365	115.22	ug/L	#	49
69) C302	n-Propylbenzene	9.82	91	535566	25.45	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	94746	24.38	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	98837	24.79	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	373063	25.51	ug/L		97
73) C306	tert-Butylbenzene	10.32	134	79805	25.32	ug/L	#	90
74) C307	1,2,4-Trimethylbenze	10.37	105	365065	25.95	ug/L		97
75) C308	sec-Butylbenzene	10.52	105	429562	25.49	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	191186	25.50	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	390417	26.27	ug/L		99
78) C267	1,4-Dichlorobenzene	10.74	146	191488	25.05	ug/L		96
79) C249	1,2-Dichlorobenzene	11.10	146	165362	24.73	ug/L		96
80) C310	n-Butylbenzene	11.05	91	334243	25.45	ug/L		96
81) C286	1,2-Dibromo-3-Chloro	11.82	75	8893	23.05	ug/L		84
82) C313	1,2,4-Trichlorobenze	12.51	180	94704	25.36	ug/L		98
83) C316	Hexachlorobutadiene	12.62	225	58842	25.09	ug/L		99
84) C314	Naphthalene	12.72	128	144964	23.44	ug/L		100
85) C934	1,2,3-Trichlorobenze	12.92	180	68813	25.77	ug/L		100

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\G\Data\110209\G5664.D Vial: 3
Acq On : 2 Nov 2009 21:03 Operator: NMD
Sample : 9K02110-BS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 02 21:35:14 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Nov 02 21:35:07 2009
Response via : Initial Calibration
DataAcq Meth : VOA



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: 9K02110-MS1 File ID: G5685.D

Sampled: Prepared: 11/02/09 19:29 Analyzed: 11/03/09 05:29

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

Batch: 9K02110 Sequence: RK90223 Calibration: R9K0205 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	32.2	
75-34-3	1,1-Dichloroethane	1	29.7	
95-50-1	1,2-Dichlorobenzene	1	24.7	
541-73-1	1,3-Dichlorobenzene	1	24.3	
106-46-7	1,4-Dichlorobenzene	1	24.0	
71-43-2	Benzene	1	27.9	
108-90-7	Chlorobenzene	1	25.9	
75-00-3	Chloroethane	1	27.1	
156-59-2	cis-1,2-Dichloroethene	1	33.2	
100-41-4	Ethylbenzene	1	26.7	
136777-61-2	m-Xylene & p-Xylene	1	53.3	
95-47-6	o-Xylene	1	27.0	
127-18-4	Tetrachloroethene	1	25.4	
108-88-3	Toluene	1	24.8	
156-60-5	trans-1,2-Dichloroethene	1	29.7	
79-01-6	Trichloroethene	1	60.6	
75-01-4	Vinyl chloride	1	24.8	
1330-20-7	Xylenes, total	1	80.2	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.7	111	66 - 137	
4-Bromofluorobenzene	25.0	25.4	101	73 - 120	
Toluene-d8	25.0	23.7	95	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	89429	10.73	95566	10.72	
1,4-Difluorobenzene	185887	5.45	238310	5.45	
Chlorobenzene-d5	100896	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5685.D Vial: 24
Acq On : 3 Nov 2009 5:29 Operator: NMD
Sample : 9K02110-MS1 Inst : HP5973G
Misc : 04 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:03 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.45	114	185887	25.00	ug/L		0.00 78.00%
43) CI20	Chlorobenzene-D5	8.33	82	100896	25.00	ug/L		0.00 85.28%
63) CI30	1,4-Dichlorobenzene-	10.73	152	89429	25.00	ug/L		0.00 93.58%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.76	111	57630	29.14	ug/L		0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.56%		
31) CS15	1,2-Dichloroethane-D	5.06	65	60082	27.69	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	110.76%		
44) CS05	Toluene-D8	6.85	98	228415	23.68	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	94.72%		
62) CS10	p-Bromofluorobenzene	9.58	174	69628	25.35	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	101.40%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.27	85	51824	24.53	ug/L	#	100
3) C010	Chloromethane	1.40	50	49943	23.26	ug/L		97
4) C020	Vinyl chloride	1.51	62	65077	24.84	ug/L		89
5) C015	Bromomethane	1.79	94	27941	26.16	ug/L		92
6) C025	Chloroethane	1.89	64	46717	27.09	ug/L		88
7) C275	Trichlorofluorometha	2.09	101	109009	27.21	ug/L		95
8) C045	1,1-Dichloroethene	2.60	96	82163	30.12	ug/L		92
9) C030	Methylene chloride	3.10	84	85290	28.21	ug/L	#	81
10) C040	Carbon disulfide	2.79	76	157303	19.41	ug/L		100
11) C036	Acrolein	2.56	56	23278	213.79	ug/L		97
12) C038	Acrylonitrile	3.37	53	96886	165.35	ug/L		93
13) C035	Acetone	2.72	43	75822	151.67	ug/L		94
14) C300	Acetonitrile	3.01	41	235685	1329.02	ug/L		97
15) C276	Iodomethane	2.75	142	85832	20.28	ug/L		100
16) C291	1,1,2-Trichloro-1,2,	2.62	101	65549	27.66	ug/L		97
17) C962	T-butyl Methyl Ether	3.33	73	218831	30.52	ug/L		99
18) C057	trans-1,2-Dichloroet	3.33	96	94519	29.69	ug/L		98
19) C255	Methyl Acetate	3.01	43	60623	41.69	ug/L	#	88
20) C050	1,1-Dichloroethane	3.75	63	160694	29.68	ug/L		97
21) C125	Vinyl Acetate	3.79	43	403958	99.60	ug/L		92
22) C051	2,2-Dichloropropane	4.26	77	90516	24.43	ug/L		96
23) C056	cis-1,2-Dichloroethe	4.29	96	112426	33.23	ug/L		95
24) C272	Tetrahydrofuran	4.57	42	79123	146.90	ug/L		81
25) C222	Bromochloromethane	4.53	128	39959	29.41	ug/L		88
27) C060	Chloroform	4.60	83	159137	29.96	ug/L		99
28) C115	1,1,1-Trichloroethan	4.72	97	148029	32.22	ug/L		95
29) C120	Carbon tetrachloride	4.87	117	111886	30.65	ug/L		99
30) C116	1,1-Dichloropropene	4.87	75	129577	29.94	ug/L		97
32) C165	Benzene	5.07	78	357101	27.86	ug/L		100
33) C065	1,2-Dichloroethane	5.14	62	98686	28.01	ug/L		97
34) C110	2-Butanone	4.34	43	116208	147.53	ug/L		83
35) C256	Cyclohexane	4.74	56	155235	29.67	ug/L		90
36) C150	Trichloroethene	5.68	95	193464	60.59	ug/L		94
37) C140	1,2-Dichloropropane	5.92	63	76608	26.58	ug/L		100
38) C278	Dibromomethane	6.05	93	39224	28.72	ug/L		94

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5685.D Vial: 24
Acq On : 3 Nov 2009 5:29 Operator: NMD
Sample : 9K02110-MS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:03 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	89424	26.61	ug/L		98
40) C161	2-Chloroethylvinyl E	6.62	63	434	7.53	ug/L	#	26
41) C012	Methylcyclohexane	5.81	83	170019	28.15	ug/L		94
42) C145	cis-1,3-Dichloroprop	6.62	75	104470	24.48	ug/L		99
45) C230	Toluene	6.92	92	222682	24.78	ug/L		95
46) C170	trans-1,3-Dichloropr	7.19	75	90879	23.66	ug/L		96
47) C284	Ethyl Methacrylate	7.24	69	85711	26.52	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	47822	25.44	ug/L		99
49) C210	4-Methyl-2-pentanone	6.77	43	283620	142.08	ug/L		87
50) C220	Tetrachloroethene	7.45	166	97028	25.43	ug/L		99
51) C221	1,3-Dichloropropane	7.54	76	102227	24.13	ug/L		97
52) C155	Dibromochloromethane	7.77	129	51442	20.77	ug/L		98
53) C163	1,2-Dibromoethane	7.88	107	57107	26.80	ug/L		97
54) C215	2-Hexanone	7.61	43	196656	142.20	ug/L		86
55) C235	Chlorobenzene	8.36	112	242334	25.86	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	8.46	131	78119	26.78	ug/L		99
57) C240	Ethylbenzene	8.45	91	446241	26.70	ug/L		99
58) C246	m,p-Xylene	8.57	106	343643	53.30	ug/L		94
59) C247	o-Xylene	9.00	106	164536	26.95	ug/L		94
60) C245	Styrene	9.02	104	246182	29.69	ug/L		100
61) C180	Bromoform	9.27	173	25066	19.25	ug/L		98
64) C966	Isopropylbenzene	9.38	105	452955	27.37	ug/L		95
65) C301	Bromobenzene	9.73	156	92306	25.45	ug/L		95
66) C225	1,1,2,2-Tetrachloroe	9.78	83	72869	29.77	ug/L		95
67) C282	1,2,3-Trichloropropa	9.81	110	20513	25.58	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	29312	81.95	ug/L	#	18
69) C302	n-Propylbenzene	9.82	91	487533	25.38	ug/L		94
70) C303	2-Chlorotoluene	9.91	126	90659	25.55	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	90736	24.92	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	357353	26.76	ug/L		96
73) C306	tert-Butylbenzene	10.32	134	78878	27.41	ug/L	#	86
74) C307	1,2,4-Trimethylbenze	10.37	105	341969	26.63	ug/L		95
75) C308	sec-Butylbenzene	10.52	105	445724	28.97	ug/L		95
76) C260	1,3-Dichlorobenzene	10.66	146	166236	24.29	ug/L		99
77) C309	4-Isopropyltoluene	10.67	119	353422	26.05	ug/L		97
78) C267	1,4-Dichlorobenzene	10.74	146	167818	24.04	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	150574	24.66	ug/L		96
80) C310	n-Butylbenzene	11.05	91	295212	24.62	ug/L		97
81) C286	1,2-Dibromo-3-Chloro	11.82	75	8886	25.01	ug/L		85
82) C313	1,2,4-Trichlorobenze	12.51	180	79610	23.35	ug/L		97
83) C316	Hexachlorobutadiene	12.62	225	50089	23.40	ug/L		100
84) C314	Naphthalene	12.72	128	132427	23.45	ug/L		96
85) C934	1,2,3-Trichlorobenze	12.92	180	60509	24.82	ug/L		100

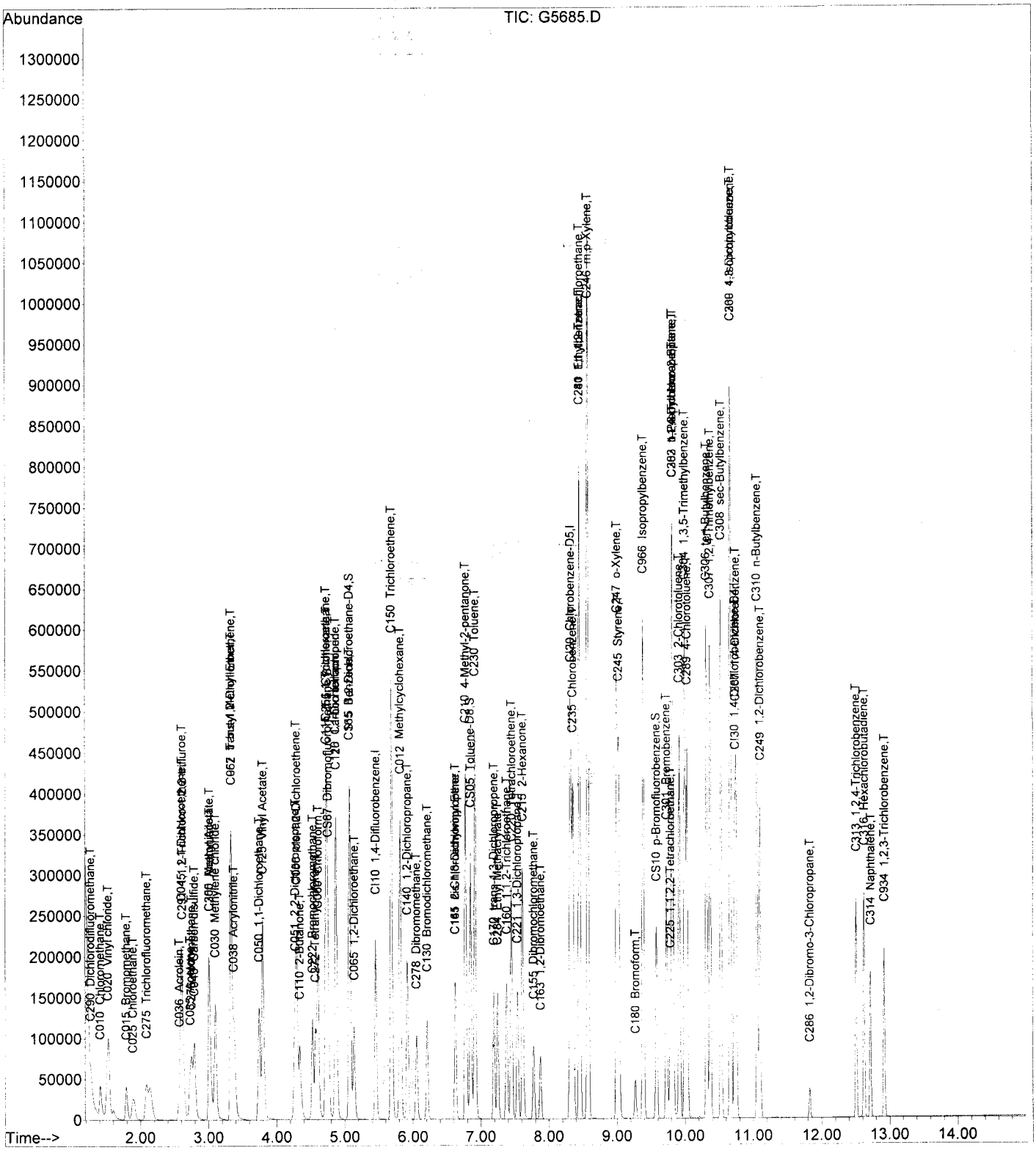
(#) = qualifier out of range (m) = manual integration (+) = signals summed

11/4/09

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5685.D Vial: 24
Acq On : 3 Nov 2009 5:29 Operator: NMD
Sample : 9K02110-MS1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 03 09:04:03 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA



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:	9K02110-MSD1	File ID:	G5686.D
Sampled:		Prepared:	11/02/09 19:29	Analyzed:	11/03/09 05:52
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	9K02110	Sequence:	RK90223	Calibration:	R9K0205
Instrument:	HP5973G				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	31.6	
75-34-3	1,1-Dichloroethane	1	30.0	
95-50-1	1,2-Dichlorobenzene	1	25.6	
541-73-1	1,3-Dichlorobenzene	1	24.5	
106-46-7	1,4-Dichlorobenzene	1	24.2	
71-43-2	Benzene	1	27.1	
108-90-7	Chlorobenzene	1	25.4	
75-00-3	Chloroethane	1	30.1	
156-59-2	cis-1,2-Dichloroethene	1	33.5	
100-41-4	Ethylbenzene	1	26.4	
136777-61-2	m-Xylene & p-Xylene	1	50.3	
95-47-6	o-Xylene	1	26.0	
127-18-4	Tetrachloroethene	1	25.7	
108-88-3	Toluene	1	25.2	
156-60-5	trans-1,2-Dichloroethene	1	31.0	
79-01-6	Trichloroethene	1	60.4	
75-01-4	Vinyl chloride	1	27.3	
1330-20-7	Xylenes, total	1	76.3	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.5	110	66 - 137	
4-Bromofluorobenzene	25.0	26.0	104	73 - 120	
Toluene-d8	25.0	24.1	96	71 - 126	
INTERNAL STANDARD	**AREA**	**RT**	**REF AREA**	**REF RT**	**Q**
1,4-Dichlorobenzene-d4	89505	10.73	95566	10.72	
1,4-Difluorobenzene	176878	5.45	238310	5.45	
Chlorobenzene-d5	99727	8.33	118305	8.32	

* Values outside of QC limits

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5686.D Vial: 25
Acq On : 3 Nov 2009 5:52 Operator: NMD
Sample : 9K02110-MSD1 Inst : HP5973G
Misc : 04 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:09 2009 Results File: R9K0205-SIXPT.RES

Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.45	114	176878	25.00	ug/L	0.00 74.22%
43) CI20 Chlorobenzene-D5	8.33	82	99727	25.00	ug/L	0.00 84.30%
63) CI30 1,4-Dichlorobenzene-	10.73	152	89505	25.00	ug/L	0.00 93.66%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.76	111	51910	27.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.36%			
31) CS15 1,2-Dichloroethane-D	5.06	65	56845	27.54	ug/L	0.00
Spiked Amount 25.000	Range 66 - 137		Recovery = 110.16%			
44) CS05 Toluene-D8	6.85	98	230015	24.12	ug/L	0.00
Spiked Amount 25.000	Range 71 - 126		Recovery = 96.48%			
62) CS10 p-Bromofluorobenzene	9.58	174	70528	25.98	ug/L	0.00
Spiked Amount 25.000	Range 73 - 120		Recovery = 103.92%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	1.27	85	51380	25.56	ug/L #	100
3) C010 Chloromethane	1.41	50	51608	25.26	ug/L	100
4) C020 Vinyl chloride	1.51	62	67988	27.27	ug/L	85
5) C015 Bromomethane	1.79	94	29231	28.76	ug/L	88
6) C025 Chloroethane	1.89	64	49333	30.06	ug/L	89
7) C275 Trichlorofluorometha	2.08	101	61193	~~16.05~~ 28.10	ug/L	96
8) C045 1,1-Dichloroethene	2.59	96	78917	30.41	ug/L	93
9) C030 Methylene chloride	3.10	84	84023	29.21	ug/L #	81
10) C040 Carbon disulfide	2.79	76	165041	21.40	ug/L	100
11) C036 Acrolein	2.56	56	23314	225.02	ug/L	96
12) C038 Acrylonitrile	3.37	53	100384	180.05	ug/L	95
13) C035 Acetone	2.72	43	77600	163.14	ug/L	96
14) C300 Acetonitrile	3.01	41	243516	1443.12	ug/L	98
15) C276 Iodomethane	2.75	142	87058	21.62	ug/L	100
16) C291 1,1,2-Trichloro-1,2,	2.62	101	65707	29.14	ug/L	97
17) C962 T-butyl Methyl Ether	3.32	73	228201	33.45	ug/L	99
18) C057 trans-1,2-Dichloroet	3.33	96	93791	30.96	ug/L	96
19) C255 Methyl Acetate	3.01	43	59765	43.19	ug/L #	87
20) C050 1,1-Dichloroethane	3.74	63	154296	29.95	ug/L	98
21) C125 Vinyl Acetate	3.79	43	401759	104.11	ug/L	92
22) C051 2,2-Dichloropropane	4.26	77	87976	24.96	ug/L	96
23) C056 cis-1,2-Dichloroethe	4.29	96	107965	33.54	ug/L	96
24) C272 Tetrahydrofuran	4.57	42	75036	146.41	ug/L	77
25) C222 Bromochloromethane	4.53	128	38828	30.03	ug/L	88
27) C060 Chloroform	4.60	83	144984	28.69	ug/L	97
28) C115 1,1,1-Trichloroethan	4.72	97	138215	31.61	ug/L	95
29) C120 Carbon tetrachloride	4.86	117	104619	30.12	ug/L	98
30) C116 1,1-Dichloropropene	4.87	75	116826	28.37	ug/L	98
32) C165 Benzene	5.07	78	331079	27.14	ug/L	99
33) C065 1,2-Dichloroethane	5.13	62	94627	28.22	ug/L	97
34) C110 2-Butanone	4.34	43	119174	159.00	ug/L	85
35) C256 Cyclohexane	4.73	56	144699	29.06	ug/L	89
36) C150 Trichloroethene	5.68	95	183403	60.36	ug/L	93
37) C140 1,2-Dichloropropane	5.92	63	73400	26.77	ug/L	98
38) C278 Dibromomethane	6.06	93	38061	29.29	ug/L	97

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\110209\G5686.D Vial: 25
Acq On : 3 Nov 2009 5:52 Operator: NMD
Sample : 9K02110-MSD1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:09 2009 Results File: R9K0205-SIXPT.RES

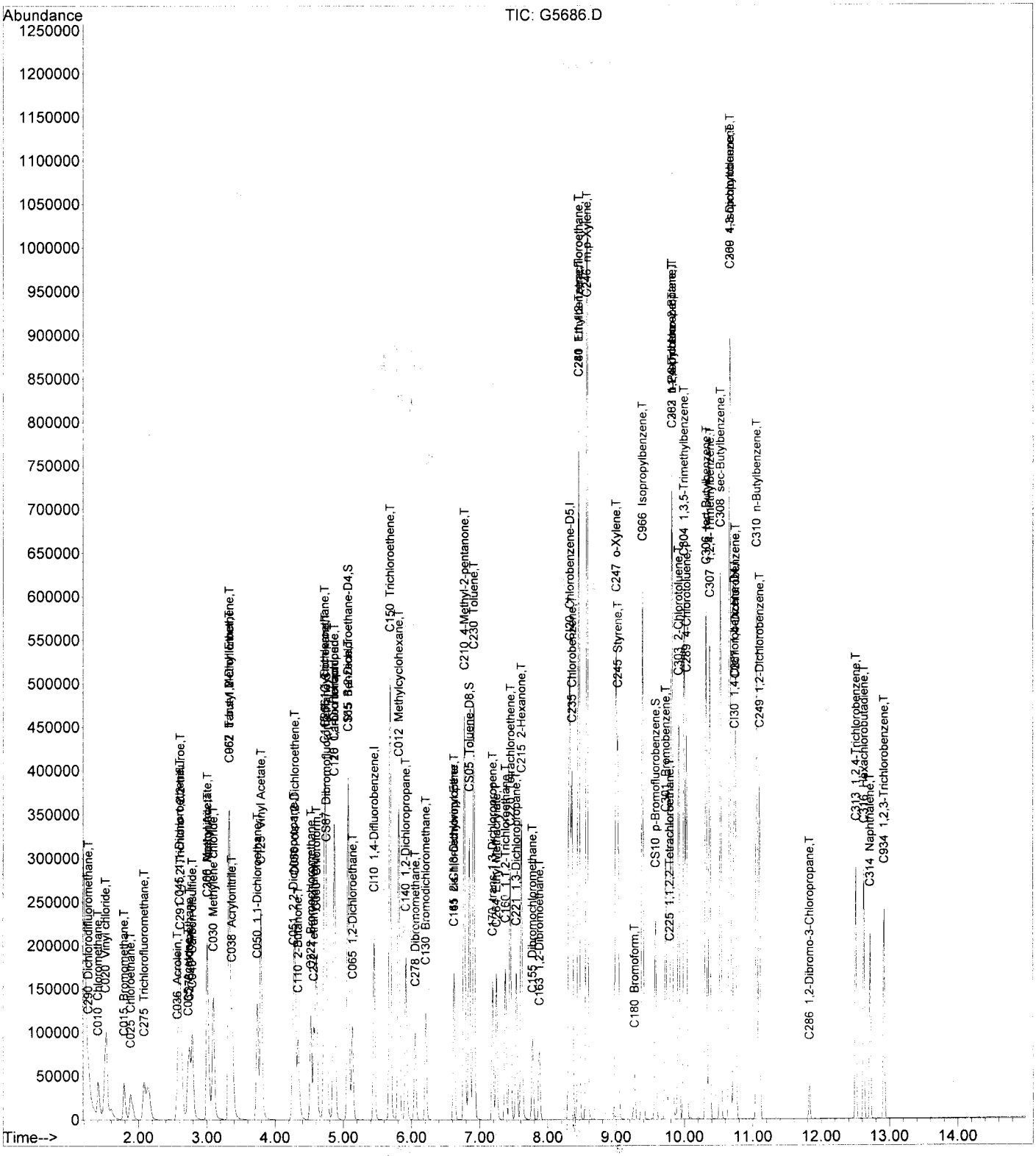
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\G\DATA\110209\G5662.D (2 Nov 2009 20:17)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.21	83	88964	27.82	ug/L		99
40) C161	2-Chloroethylvinyl E	6.62	63	460	7.57	ug/L	#	26
41) C012	Methylcyclohexane	5.81	83	165741	28.84	ug/L		93
42) C145	cis-1,3-Dichloroprop	6.62	75	104716	25.79	ug/L		99
45) C230	Toluene	6.92	92	223793	25.20	ug/L		96
46) C170	trans-1,3-Dichloropr	7.19	75	91312	24.05	ug/L		98
47) C284	Ethyl Methacrylate	7.24	69	90502	28.33	ug/L	#	84
48) C160	1,1,2-Trichloroethan	7.38	83	49253	26.51	ug/L		98
49) C210	4-Methyl-2-pentanone	6.77	43	301897	153.01	ug/L		87
50) C220	Tetrachloroethene	7.45	166	96946	25.70	ug/L		98
51) C221	1,3-Dichloropropane	7.54	76	109392	26.12	ug/L		98
52) C155	Dibromochloromethane	7.77	129	52730	21.47	ug/L		96
53) C163	1,2-Dibromoethane	7.88	107	56966	27.05	ug/L		98
54) C215	2-Hexanone	7.61	43	214878	157.20	ug/L		86
55) C235	Chlorobenzene	8.36	112	234954	25.37	ug/L		99
56) C281	1,1,1,2-Tetrachloroe	8.45	131	77765	26.97	ug/L		99
57) C240	Ethylbenzene	8.45	91	436114	26.40	ug/L		97
58) C246	m,p-Xylene	8.57	106	320571	50.30	ug/L		95
59) C247	o-Xylene	9.00	106	157061	26.03	ug/L		95
60) C245	Styrene	9.02	104	227200	27.72	ug/L		99
61) C180	Bromoform	9.27	173	26525	20.42	ug/L		97
64) C966	Isopropylbenzene	9.38	105	449904	27.16	ug/L		95
65) C301	Bromobenzene	9.73	156	89829	24.74	ug/L		98
66) C225	1,1,2,2-Tetrachloroe	9.78	83	72132	29.44	ug/L		94
67) C282	1,2,3-Trichloropropa	9.82	110	21095	26.28	ug/L		100
68) C283	t-1,4-Dichloro-2-But	9.82	51	29959	83.43	ug/L	#	21
69) C302	n-Propylbenzene	9.82	91	484062	25.18	ug/L		95
70) C303	2-Chlorotoluene	9.91	126	86504	24.36	ug/L		100
71) C289	4-Chlorotoluene	10.03	126	88663	24.33	ug/L		100
72) C304	1,3,5-Trimethylbenze	9.99	105	339296	25.39	ug/L		96
73) C306	tert-Butylbenzene	10.32	134	74162	25.75	ug/L	#	86
74) C307	1,2,4-Trimethylbenze	10.37	105	312931	24.35	ug/L		95
75) C308	sec-Butylbenzene	10.52	105	433235	28.13	ug/L		94
76) C260	1,3-Dichlorobenzene	10.66	146	167671	24.48	ug/L		98
77) C309	4-Isopropyltoluene	10.67	119	353060	26.00	ug/L		99
78) C267	1,4-Dichlorobenzene	10.75	146	168869	24.17	ug/L		97
79) C249	1,2-Dichlorobenzene	11.10	146	156190	25.56	ug/L		96
80) C310	n-Butylbenzene	11.05	91	306442	25.54	ug/L		95
81) C286	1,2-Dibromo-3-Chloro	11.83	75	9129	25.62	ug/L		94
82) C313	1,2,4-Trichlorobenze	12.51	180	83139	24.37	ug/L		96
83) C316	Hexachlorobutadiene	12.62	225	52136	24.33	ug/L		98
84) C314	Naphthalene	12.71	128	156739	27.60	ug/L		98
85) C934	1,2,3-Trichlorobenze	12.92	180	70845	29.03	ug/L		99

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

Data File : D:\MSDCHEM\G\DATA\110209\G5686.D Vial: 25
Acq On : 3 Nov 2009 5:52 Operator: NMD
Sample : 9K02110-MSD1 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 03 09:04:09 2009 Results File: R9K0205-SIXPT.RES
Quant Method : D:\MSDCHEM\G...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 09:02:15 2009
Response via : Initial Calibration
DataAcq Meth : VOA

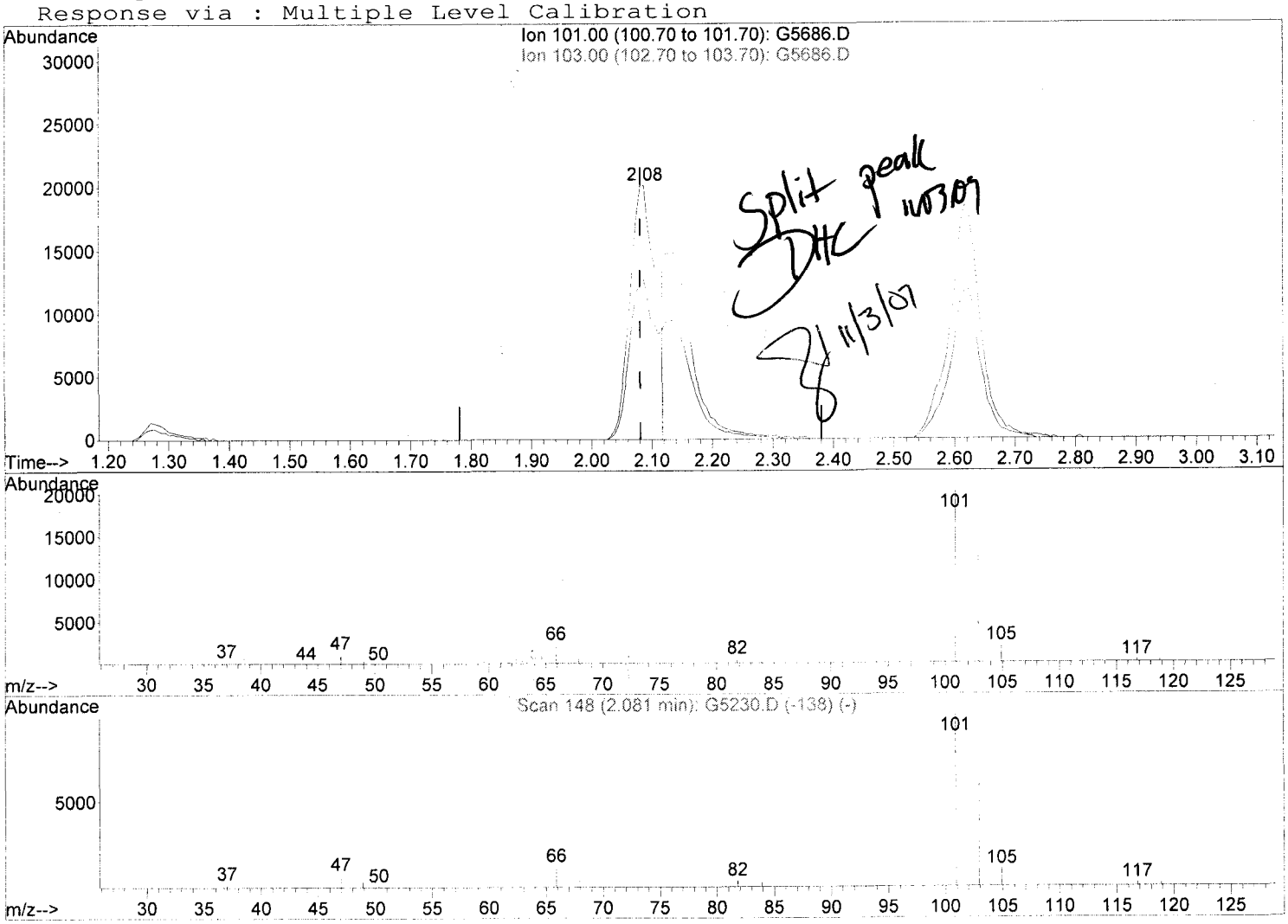


Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\110209\G5686.D
Acq On : 3 Nov 2009 5:52
Sample : 9K02110-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:09 2009

Vial: 25
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 10:29:52 2009
Response via : Multiple Level Calibration



TIC: G5686.D

(7) C275 Trichlorofluoromethane (T)

2.08min (-0.000) 16.05ug/L

response 61193

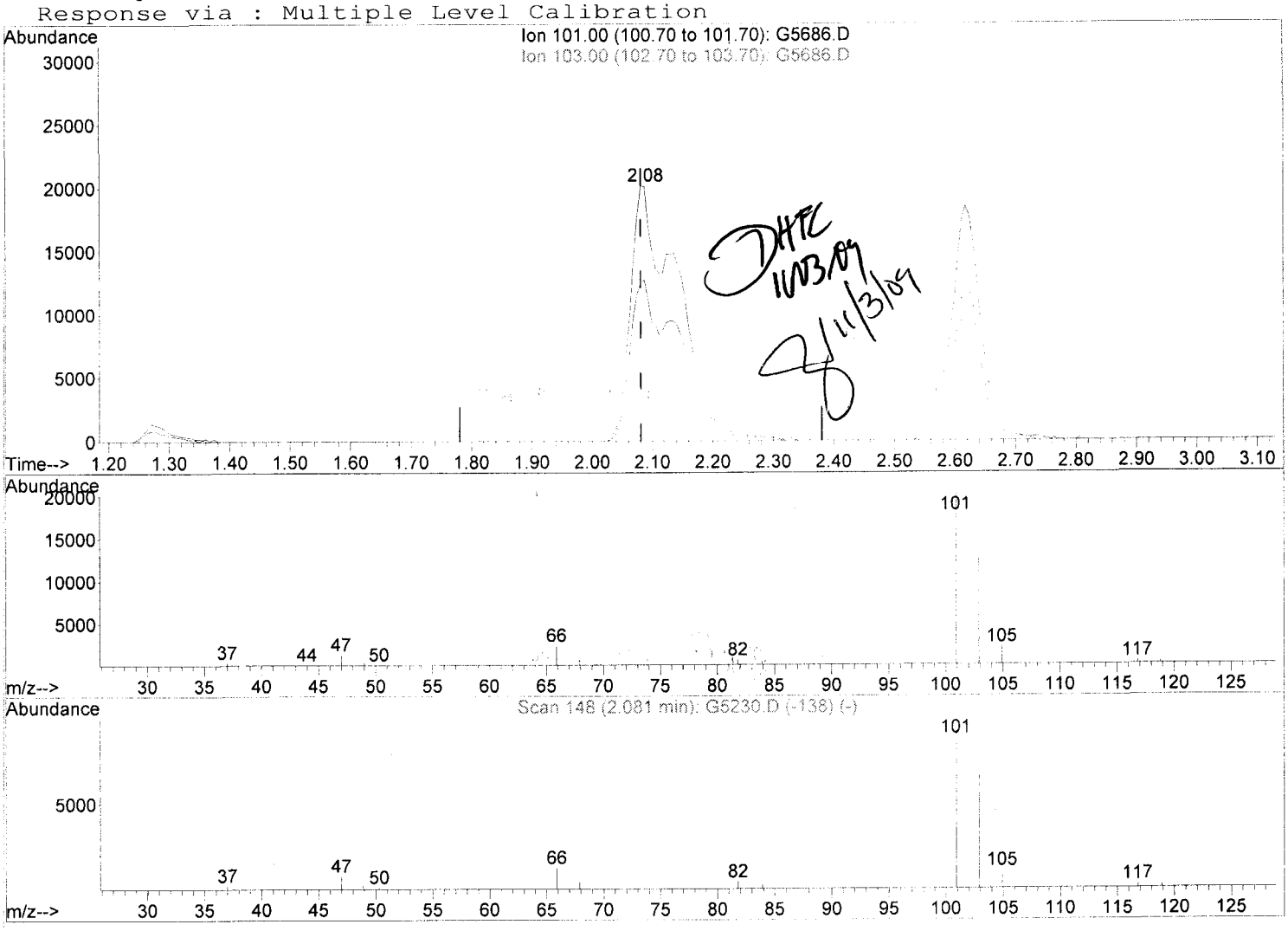
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	61.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\110209\G5686.D
Acq On : 3 Nov 2009 5:52
Sample : 9K02110-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 03 09:04:09 2009

Vial: 25
Operator: NMD
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...\R9K0205-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 03 10:29:52 2009
Response via : Multiple Level Calibration



TIC: G5686.D

(7) C275 Trichlorofluoromethane (T)

2.08min (-0.000) 28.10ug/L m

response 107137

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	61.97
0.00	0.00	0.00
0.00	0.00	0.00

HOLDING TIME SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG: DRAFT

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
MW-D	10/26/09 11:30	10/27/09 09:00	11/02/09 19:29	7	14	11/02/09 22:14	7	14	
DUP-1	10/26/09 00:00	10/27/09 09:00	11/02/09 19:29	7	14	11/02/09 22:37	7	14	
MW-E	10/26/09 12:00	10/27/09 09:00	11/02/09 19:29	7	14	11/02/09 23:00	7	14	
MW-F	10/26/09 12:40	10/27/09 09:00	11/02/09 19:29	7	14	11/02/09 23:23	7	14	
DOT MW-1	10/26/09 13:20	10/27/09 09:00	11/02/09 19:29	7	14	11/02/09 23:46	7	14	
PW-1	10/26/09 15:06	10/27/09 09:00	11/02/09 19:29	7	14	11/03/09 00:08	8	14	
TRIP BLANK	10/26/09 00:00	10/27/09 09:00	11/02/09 19:29	7	14	11/03/09 00:31	8	14	

PREPARATION BENCH SHEET

9K02110

TestAmerica Buffalo

rinted: 11/4/2009 12:53:04PM

Matrix: Water **Prepared using: GCMS Volatiles - 5030B MS** **Surrogate used: 9110036**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Bar Code	Extraction Comments
RSJ1499-09	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1399-02	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1399-03	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1399-04	8260	11/02/09 19:29	5	5				1		A00039, MS/MSD
RSJ1399-07	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1399-08	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1399-09	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1399-04	8260_ASP05 TCL4.3	11/02/09 19:29	5	5				1		Added for BatchQC in: 9K0211(
RSJ1499-01	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-02	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-03	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-04	8260	11/02/09 19:29	5	5				1		A00175, OBG2,MS/MSD
RSJ1399-01	8260	11/02/09 19:29	5	5				1		A00039,
RSJ1499-08	8260	11/02/09 19:29	5	5				1		A00175, OBG2
9K02110-MSD2	QC	11/02/09 19:29	5	5	9110091	RSJ1499-04	5000	1		
RSJ1499-10	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-11	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-12	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1632-01	8260_ASP05 TCL4.3	11/02/09 19:29	5	5				1		A00175
9K02110-BLK1	QC	11/02/09 19:29	5	5				1		
9K02110-BS1	QC	11/02/09 19:29	5	5	9110117		5000	1		
9K02110-MS1	QC	11/02/09 19:29	5	5	9110091	RSJ1399-04	5000	1		
9K02110-MS2	QC	11/02/09 19:29	5	5	9110091	RSJ1499-04	5000	1		

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

9K02110

TestAmerica Buffalo

rinted: 11/4/2009 12:53:04PM

Matrix: Water **Prepared using: GCMS Volatiles - 5030B MS** **Surrogate used: 9110036**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Bar Code	Extraction Comments
RSJ1499-13	8260	11/02/09 19:29	5	5				1		A00175, OBG2
RSJ1499-04	8260_ASP05 TCL4.3	11/02/09 19:29	5	5				1		Added for BatchQC in: 9K0211(
9K02110-MSD1	QC	11/02/09 19:29	5	5	9110091	RSJ1399-04	5000	1		
RSJ1499-07	8260	11/02/09 19:29	5	5				1		A00175, OBG2

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Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS VOLATILE INJECTION LOG

Logbook # A09-05-08

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/29/09	1731	JK	G5633	RSJ1448-07	JM48	5ml		1
	1755		34	08				1
	1818		35	09				1
	1840		36	10				1
	1903		37	11				1
	1926		38	RSJ1463-01 (F)	JM63			10
	1949		39	02				1
	2012		40	RSJ1561-01	J1561			1
	2035		41	02				1
	2058		42	03				1
	2121		43	04				1
	2143		44	05				1
	2206		45	06				1
			G5646					
			G5647					
			G5648					
			G5649					
			G5650					
11/2/09	1225	RJ	G5651	RK90212-TUN1	—	1ml	—	—
	—		G5652	CAL1	ICAL	5ml	7	7
	1311		G5653	CAL1				
	1334		G5654	CAL2				
	1356		G5655	CAL3				
	1420		G5656	CAL4				
	1442		G5657	CAL5				
	1505		G5658	CAL6				
	—		G5659	IBIK	IBLK			
	1854	ND	G5660	SCV1	QC			
11/2/09	1956	ND	G5661	RK90223-TUN1	QC	1ml	7	7
	2017		G5662	-CCV1		5ML		
	2040		G5663	-CCV2				
	2103		G5664	9K02110-BS1				
	2148		G5665	-BLK1				1
	2214		G5666	RSJ1399-01	J1399			1
	2237		G5667	02				1
	2300		G5668	03				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A09-05-08

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	9101105/		X	
	9100899		X	
			X	
			X	
			X	
		Y	~4	RE1@20x
			X	
			X	
			X	
			X	
			X	
			X	
			X	
				Reserve
9091452				PASS
9110067	9110033/			
↓	9110035			
9110068				8260
9110069				(R9K0205)
9110070				
9110071				
9110072				
9110090				
ND 11/2/09 ~~9110092~~				PASS
~~9110116~~ 9110092	9110033/			8260 (R9K0205)
9110116	9110035			ADD (R9I1710)
9110117 (primary mixes)				
			/	
			/	
			/	

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GC/MS VOLATILE INJECTION LOG

Logbook # A09-05-08

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/2/09	2323	ND	G5669	RSJ1399 04	J1399	5ML	7	1
1	2346		G5670	07				1
11/3/09	0008		G5671	08				1
	0031		G5672	09				1
	0054		G5673	RSJ1499 01	J1499			1
	0117		G5674	02				1
	0140		G5675	03				1
	0203		G5676	04				1
	0226		G5677	07				1
	0248		G5678	08				1
	0311		G5679	09				1
	0334		G5680	10				1
	0357		G5681	11				1
	0420		G5682	12				1
	0443		G5683	13				1
	0506		G5684	RSJ1632 01	J1632			1
	0529		G5685	91K0210-MS1	J1399			1
	0552		G5686	MSD1	~~J1399~~ J1499			1
	0614		G5687	MS2				1
	0637		G5688	MSD2				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A09-05-08

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	9110033		✓	
	9110035		✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
9110091 (SS. mixes)			✓	
			✓	
			✓	
			✓	
			✓	

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