Environmental Planning & Management, Inc.
1983 Marcus Ave., Suite 109
Lake Success, New York 11042
(516) 328-1194
Fax (516) 328-1381

LETTER OF TRANSMITTAL

RECEIVED AUG 29

Date: 08/28/08	Job No. 28001
Attention:	Mr. Carl Hoffman
Re.	Katonah Quarterly Water Monitoring

TO:

NYSDEC
625 Broadway
Albany, NY 12233-7013

WE ARE SENDING YOU: ■ Included ☐ Under separate cover via _____ the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Qualifications ☐ Specifications

☐ Copy of Letter ■ Report ☐ _____

COPIES	DATE	NO.	
1	8/28/08		*Katonah Quarterly Water Monitoring Report*

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■ As requested ☐ Returned for corrections ☐ Return _____ Corrected Prints

☐ For review & comment

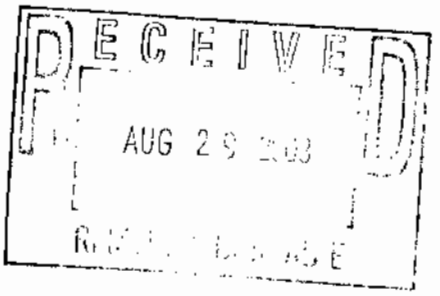
REMARKS

If there are any questions, please call me.

COPY TO *File*

SIGNED _____
Stephen Cherepany

ENVIRONMENTAL
PLANNING &
MANAGEMENT, INC.



James Hahn
James J. Hahn Engineering
Putnam Business Park
1689 Route 22
Brewster, NY 10509

August 28, 2008

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the end of the 2nd quarter of 2008 for the Katonah Municipal Well, Town of Bedford, Westchester County, New York (NYSDEC Site ID # 3-60-007).

Please call me with any questions.

Sincerely,

Stephen Cherepany
Project Scientist

cc: Kenneth Caffrey, PE, NYSDOH
Carl Hoffman, NYSDEC
William Nixon, Town of Bedford
Paul Kutzy, Westchester County DOH
Damian Duda, USEPA Region 2

GROUNDWATER QUALITY MONITORING
QUARTERLY REPORT
JUNE 2008
KATONAH MUNICIPAL WELL
TOWN OF BEDFORD
WESTCHESTER, NEW YORK
NYSDEC SITE ID # 3-60-007

EPM PROJECT NUMBER: 28001

PREPARED FOR:

James J. Hahn Engineering
Millbrook Office Center
Route 22 & Milltown Road
Brewster, New York 10509

PREPARED BY:

Environmental Planning & Management, Inc.
1983 Marcus Avenue, Suite 109
Lake Success, New York 11042

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APPENDICES

1.0 INTRODUCTION

This quarterly groundwater sampling and analysis report has been prepared for the Katonah Municipal Well Site in Katonah, Town of Bedford, New York. This submittal is in accordance with the groundwater monitoring requirements of the New York State Department of Health (NYSDOH) and the U.S. Environmental Protection Agency (USEPA). This report includes the data collection and analysis results of the remedial system operation, for the end of the 2nd quarter of 2008. Sampling of the remedial system was conducted on June 12, 2008.

2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on June 12, 2008. Three sample sets were collected from sampling taps; the raw water sampling tap (RW), the stripper number two effluent sampling tap (STEFF), and the distribution sampling tap (DIST). One field duplicate sample (DUP) was collected from the Raw Water sampling tap. No samples were collected from the two monitoring wells, W4 and W11. Sample locations are shown on Figure 1 - Sampling Tap Location Schematic. Sampling was conducted in accordance with the approved Project Operation Plan.

Samples were labeled at the field location and placed into transport coolers containing ice. A trip blank and chain-of-custody documentation accompanied the samples to the laboratory for analysis. The samples were analyzed by Premier Laboratory Inc. (sub-contracted by Alpha Analytical, Inc. of Westborough Massachusetts), in accordance with CLP methods, for volatile organics (Principal Organic Contaminants), by method 524.2, revision number 3.

3.0 FINDINGS

VOC Analysis

Table 1 provides a summary of the analytical results for the quarterly water quality monitoring, as well as the applicable NYSDOH Drinking Water Standards and the U.S. EPA clean-up requirement for Tetrachloroethene (PCE). As indicated by the laboratory analysis, the treatment system effluent meets the NYSDOH drinking water standards and the USEPA clean-up level of less than one part per billion (ppb) (or non-detectable) for Tetrachloroethene and meets the levels of less than 100 parts per billion for Trihalomethanes.

Tetrachloroethene was detected in the untreated Raw Water (RW) sample, at a concentration of 23µg/l (ppb), which exceeds the NYSDOH drinking water standard and the USEPA clean-up standard for this compound of 5 ppb and 1 ppb respectively. Sample RW also exhibited Trichloroethene at a concentration of 0.54 ppb, which is below the NYSDOH drinking water standard as well as the USEPA Standard for Trichloroethene of 5 ppb.

Analytical results for the duplicate sample (DUP) of the Raw Water (RW) similarly exhibited Tetrachloroethene at a concentration 22 ppb; however this sample also exhibited cis-1,2-Dichloroethene at a concentration of 0.59 ppb, which is below the NYSDOH drinking water standard as well as the USEPA Standard of 5 ppb.

No VOCs were detected in the treated (stripper number 2) water sample, STEFF.

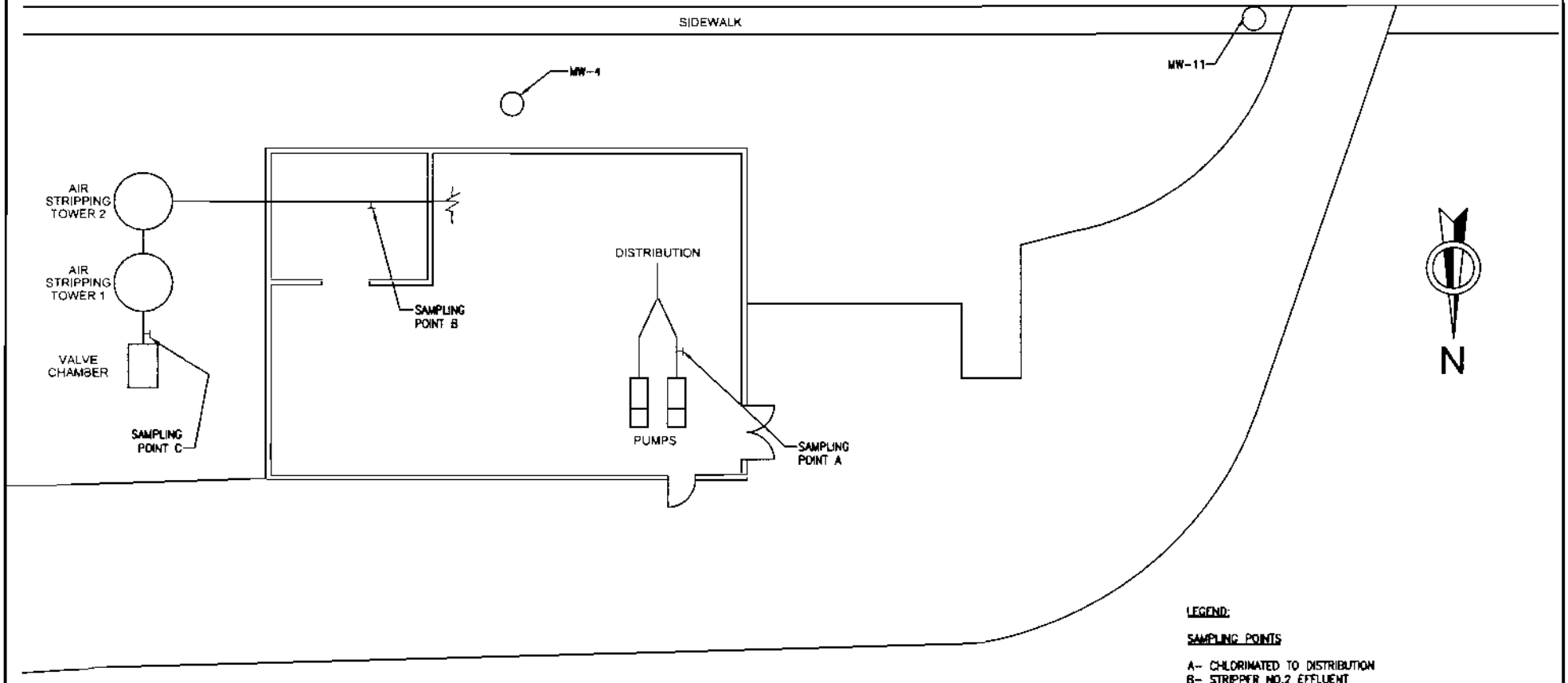
Two VOCs, Bromoform and Dibromochloromethane were detected in the Distribution (DIST) water sample at a concentration of 2.0 ppb and 1.6 ppb, respectively; however this is well below the NYSDOH drinking water standard and the USEPA Standard of 50 ppb for both compounds.

No VOCs were detected in the trip blank (TB) water sample.

Refer to Table 1 for a summary of the groundwater analysis results for volatile organic compounds (VOCs). Table 1 reflects the detectable concentration values which have been qualified as a result of data validation. Refer to Appendix A for the data validation report which details any variations of the detectable concentration values discussed above.

The PCE concentration in the Influent (raw water) has increased relative to the last sampling event (see Figure 2). To date, the PCE level in the raw water samples is not of significant concern, since the treated water and distribution water samples continue to exhibit non-detectable or insignificant concentrations of PCE. However, changes in PCE levels will continue to be closely monitored.

JAY STREET



LEGEND:

SAMPLING POINTS

A- CHLORINATED TO DISTRIBUTION
B- STRIPPER NO.2 EFFLUENT
C- RAW WATER

GROUNDWATER MONITORING WELLS

MW-4 6" WELL
MW-11 2" WELL

PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC
1983 MARCUS AVENUE
SUITE 109
LAKE SUCCESS, NEW YORK 11042

DRAWN BY:	AMR	DATE:	
CHECKED BY:	FP	FILENAME:	KATONAH
APPR'VD BY:	ASG	SCALE:	NOT TO SCALE
PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS			

CLIENT:
KATONAH MUNICIPAL WATER SYSTEM

TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC

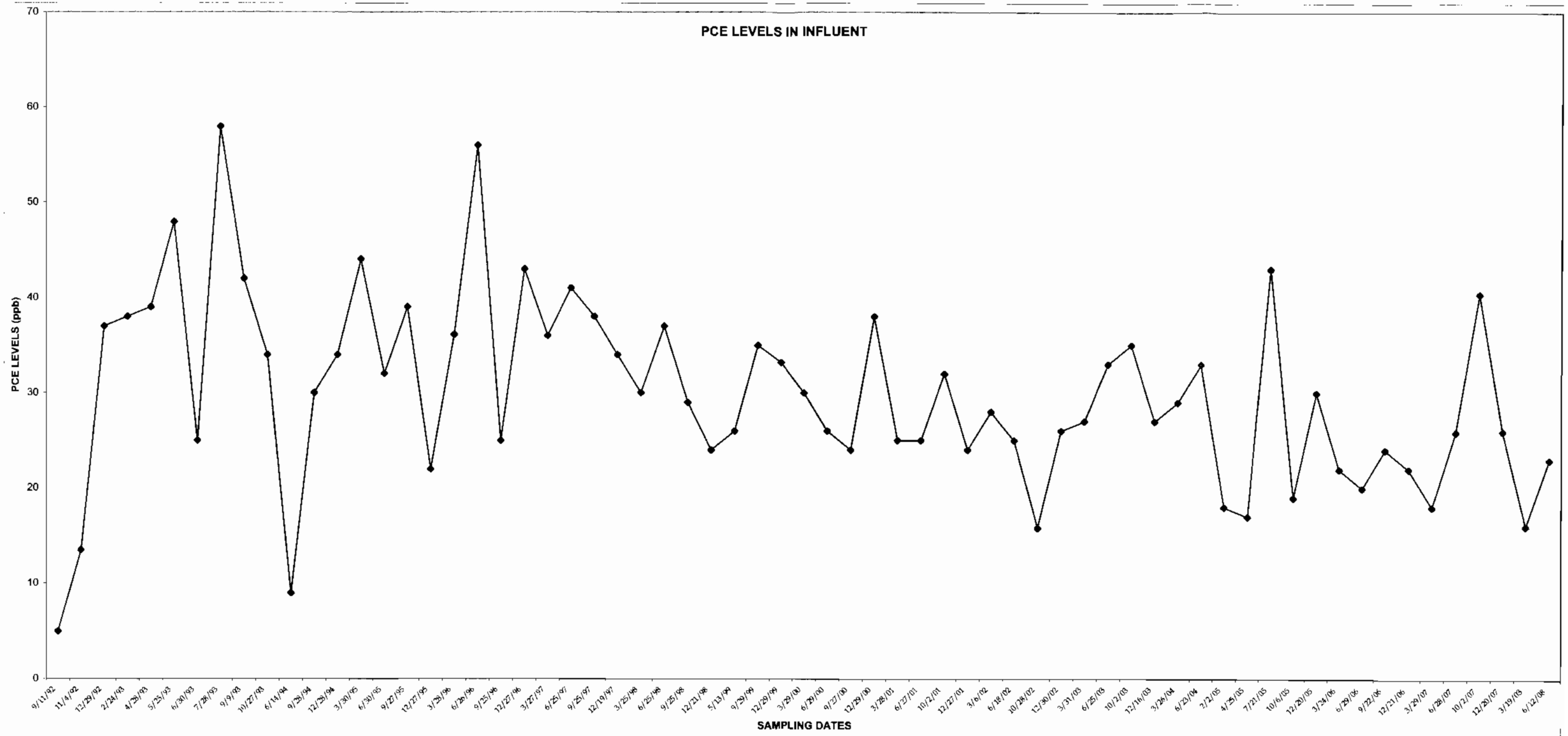
PROJECT LOCATION: KATONAH MUNICIPAL WATER SYSTEM
KATONAH, NEW YORK

DRAWING NO:
FIG. 1
SHEET 1 OF 1

Table 1 - SUMMARY OF QUARTERLY VOC RESULTS KATONAH MUNICIPAL WELL								
Date Collected	6/12/2008							
Sample Location	Raw Water (Influent)	RW DUP	STEFF (Treated Water)	DIST (Distribution Water)	W4 (Well 4)	W11 (Well 11)	FB (Field Blank)	NYSDOH\ USEPA Standard
Volatile Organic Compounds (ppb)								
Tetrachloroethene	23	22	ND	ND	NR	NR	NR	5/1*
Trichloroethene	0.54 J	ND	ND	ND	NR	NR	NR	5
cis-1,2-Dichloroethene	ND	0.59 J	ND	ND	NR	NR	NR	5
Methylene Chloride	ND	ND	ND	ND	NR	NR	NR	5
Bromoform	ND	ND	ND	2.0	NR	NR	NR	50
Dibromochloromethane	ND	ND	ND	1.6	NR	NR	NR	50
Bromodichloromethane	ND	ND	ND	ND	NR	NR	NR	50

* 1 ppb is the USEPA cleanup standard for the site
1 - Determined undetect following data validation
[ ] Level exceeds the USEPA/NYSDOH standard
U Denotes detection limit/not detected
J Denotes an estimated value
N Presumptive evidence of a compound
R Determined unuseable following data validation
NS No standard
B Denotes Detection in the Field Blank as well
ND No Detectable Concentration
NR Denotes sample not analyzed for this compound

Figure 2


PCE LEVELS IN INFLUENT
PCE LEVELS (ppb)
70
60
50
40
30
20
10
0
9/11/92
11/4/92
12/29/92
2/24/93
4/29/93
5/25/93
6/30/93
7/28/93
9/9/93
10/27/93
6/14/94
9/28/94
12/28/94
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6/23/04
2/2/05
4/25/05
7/21/05
10/6/05
12/20/05
3/24/06
6/29/06
9/22/06
12/21/06
3/29/07
6/28/07
10/2/07
12/20/07
3/19/08
6/12/08
SAMPLING DATES

4.0 FUTURE ACTIONS

Water quality monitoring will continue to be conducted quarterly at the treatment system influent, stripper number two effluent, and distribution entry point. Groundwater monitoring well samples will be collected bi-annually.

The next sampling event, the end of the third quarterly event for year seventeen, is tentatively scheduled for the end of September 2008.

APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report – August 25, 2008

Samples Collected by Environmental Planning & Management, Inc.
Samples Analyzed by Premier Laboratory Inc.,

Data Validation Performed by:

C.T. Male Associates, PC.
50 Century Hill Drive,
Latham, New York 12110-0727

Megan Drosky
Environmental Scientist

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, P.O. Box 727 Latham, New York 12110-0727
518 786 7400 FAX 518 786.7299 ctmale@ctmale.com

August 25, 2008

Mr. Darren Frank
Environmental Planning & Management, Inc.
1983 Marcus Ave. Suite 109
Lake Success, New York 11042

Re: Data Validation – Katonah – 2nd Quarter 2008 Water Sampling
C.T. Male Project No.:07.7690

Dear Mr. Frank:

This Data Validation Summary Report for organic analysis was generated for the samples collected in association with the field investigation for the Katonah 2nd Quarter 2008 Water Sampling. Three (3) water samples were collected on June 12, 2008. The samples were submitted, along with a field duplicate, a matrix spike (MS) sample, a MS duplicate (MSD) sample and a trip blank to Alpha Analytical (Alpha) in Westboro, Massachusetts for volatile organic analysis (VOA) by the United States Environmental Protection Agency (USEPA) Method 524.2 by Gas Chromatography / Mass Spectrometry (GC/MS). Premier Laboratory, Inc. (Premier) in Dayville, Connecticut was subcontracted by Alpha for the performance of VOA.

C. T. Male Associates, P. C. evaluated the data reported by the laboratory to determine data usability and deviations in accordance with the *USEPA Region II Standard Operation Procedure for the Validation of Organic Data Acquired Using Method 524.2* (October 2001); with guidance from the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (October 1999); and the appropriate method from the *New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP)*, where applicable. The following criteria were reviewed:

- Completeness of data package as defined under the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables;
- Holding time compliance for chemical analysis;
- Protocol required limits and specification compliance for quality control (QC) data (e.g., instrument tuning, calibration standards, blank results, spike results, duplicate results, etc);
- Contract compliance for analytical protocols;
- Omissions and transcription errors; and
- Data qualification.

1.0 Data Completeness

Documentation required by the project was included in the data package except the associated Form 7, which was requested from the laboratory and a copy is included as Attachment A. There were no discrepancies found between the raw data and summary forms. The laboratory Case Narrative (Attachment B) identified deviations from laboratory analytical specifications. QC exceedences and

data qualification recommendations are presented in the Data Evaluation Checklist (Attachment C). Qualified sample results are presented in the laboratory summary forms, which are located in Attachment D. QC exceedences and data qualification recommendations are summarized below.

2.0 Sample Condition upon Receipt

Alpha and Premier received all the samples listed on the chain of custody (COC) records intact and in good condition. The temperature of samples was within laboratory specification limits of 2 to 6°C upon receipt.

3.0 VOA by USEPA Method 524.2 GC/MS

3.1 Holding Times

The project samples were analyzed within the acceptable NYSDEC ASP holding time of 10 days from Verified Time of Sample Receipt (VTSR) for the preserved water samples.

3.2 GC/MS Instrument Performance Check and Calibration

All samples were analyzed within 12 hours of the performance check standard, BFB. Percent relative abundance of all ions met the criteria specified in Table 3 of the USEPA Method 524.2. Laboratory specifications were met during the initial and continuing calibrations associated with the project samples. In addition the average relative response factor (RRF) was greater than or equal to 0.05 for target analytes during the initial and continuing calibrations. The percent relative standard deviation (%RSD) between RRF was less than or equal to 30% during the initial calibration, and the percent difference (%D) between the initial calibration average RRF and continuing calibration RRF was less than or equal to 25% for target analytes except the RRF results were below 0.05 during the initial and continuing calibrations associated with the project samples for bromomethane, chloromethane, bromochloromethane, 1,2,3-trichloropropane, tert-butylbenzene, n-butylbenzene, 1,2-dibromo-3-chloropropane, hexachlorobutadiene, 1,2,4-trichlorobenzene and 1,2,3-trichlorobenzene. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards.

3.3 Surrogate Recovery and Internal Standards

Surrogate recovery and internal standard results met laboratory specifications for project samples.

3.4 Laboratory Control Sample (LCS)

The percent recovery (%R) results for LCS analyses were within laboratory specifications for the target analytes.

3.5 Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Criteria for accuracy and precision were met during the MS/MSD analysis of sample RW for target analytes except the relative percent difference (%RPD) between MS and MSD results exceeded laboratory specifications for tetrachloroethene. The associated results have been qualified as estimated (J) due to analytical imprecision.

3.6 Method Blanks and Trip Blank

A method blank was reported for each analytical batch. A trip blank was submitted to the laboratory for VOA. Target analytes were not detected during the analyses of the method or trip blanks associated with the project samples.

3.7 Field Duplicates

A field duplicate evaluation was performed on samples DUP (blind field duplicate) and RW. Refer to Attachment C-1 for the duplicate evaluation. Cis-1,2-dichloroethene and trichloroethene results have been qualified as estimated (J/UJ) due to analytical imprecision.

Summary

Overall, data quality objectives were met, as there were no data deficiencies that would indicate the need for re-sampling. All data reviewed is considered to be valid and usable with the appropriate qualifiers as noted in the data summary forms located in Attachment C. No analytical data has been rejected.

If you have any questions please contact me at (518) 786-7400.

Sincerely,

C. T. MALE ASSOCIATES, P. C.

Megan Drosky
Environmental Scientist

Enclosures

ATTACHMENT A
Form 7

FORM 7
524.2 CONTINUING CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date: 06/17/08 09:13

Lab File ID: N14101.D Init. Calib. Date(s): 06/16/08 06/16/08
Init. Calib. Time(s): 11:56 13:50

COMPOUND	RF	RFCC	MIN RF	QUANT AMOUNT	CALLVL AMOUNT	CURVE TYPE	%D	MAX %D
Dichlorodifluoromethane	0.087	0.098		11.3	10.0	AVRG	12.9	
Chloromethane	0.063	0.069		9.3	10.0	LINR	6.9	
Vinyl chloride	0.061	0.063		10.3	10.0	AVRG	2.6	
Bromomethane	0.030	0.041		12.3	10.0	LINR	23.0	
Chloroethane	0.033	0.034		10.2	10.0	AVRG	1.9	
Trichlorofluoromethane	0.129	0.140		10.9	10.0	AVRG	9.2	
1,1-Dichloroethene	0.053	0.056		10.6	10.0	AVRG	5.9	
Methylene chloride	0.058	0.064		10.3	10.0	LINR	2.9	
trans-1,2-Dichloroethen	0.059	0.062		10.6	10.0	AVRG	5.9	
Methyl tert-butyl ether	0.200	0.210		10.5	10.0	AVRG	5.4	
1,1-Dichloroethane	0.111	0.120		10.8	10.0	AVRG	8.1	
cis-1,2-Dichloroethene	0.060	0.065		10.8	10.0	AVRG	8.3	
2,2-Dichloropropane	0.109	0.125		11.4	10.0	AVRG	14.2	
Bromochloromethane	0.037	0.038		10.2	10.0	AVRG	2.4	
Chloroform	0.130	0.145		11.2	10.0	AVRG	11.9	
Carbon tetrachloride	0.117	0.128		11.0	10.0	AVRG	9.5	
1,1,1-Trichloroethane	0.111	0.127		11.4	10.0	AVRG	14.4	
1,1-Dichloropropene	0.084	0.090		10.7	10.0	AVRG	6.8	
Benzene	0.180	0.194		10.8	10.0	AVRG	7.7	
1,2-Dichloroethane	0.113	0.125		11.0	10.0	AVRG	10.5	
Trichloroethene (TCE)	0.059	0.062		10.4	10.0	AVRG	4.0	
Dibromomethane	0.047	0.049		10.4	10.0	AVRG	4.0	
1,2-Dichloropropane	0.045	0.047		10.6	10.0	AVRG	6.0	
Bromodichloromethane	0.094	0.108		11.5	10.0	AVRG	14.9	
cis-1,3-Dichloropropene	0.090	0.097		10.8	10.0	AVRG	8.2	
Toluene	0.113	0.119		10.5	10.0	AVRG	4.9	
Tetrachloroethene (PCE)	0.049	0.053		10.7	10.0	LINR	7.2	
trans-1,3-Dichloroprope	0.097	0.104		10.7	10.0	AVRG	6.8	
1,1,2-Trichloroethane	0.053	0.054		10.3	10.0	AVRG	2.9	
Dibromochloromethane	0.076	0.079		10.3	10.0	AVRG	3.4	
1,3-Dichloropropane	0.086	0.096		11.0	10.0	AVRG	10.6	
1,2-Dibromoethane (EDB)	0.062	0.067		10.7	10.0	AVRG	6.9	
Chlorobenzene	0.141	0.145		10.3	10.0	AVRG	3.2	
Ethylbenzene	0.220	0.236		10.8	10.0	AVRG	7.7	
1,1,1,2-Tetrachloroetha	0.058	0.060		10.3	10.0	AVRG	2.7	
m,p-Xylenes	0.148	0.154		20.8	20.0	AVRG	3.9	
o-Xylene	0.163	0.172		10.6	10.0	AVRG	5.8	

FORM 7
524.2 CONTINUING CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date: 06/17/08 09:13

Lab File ID: N14101.D Init. Calib. Date(s): 06/16/08 06/16/08
Init. Calib. Time(s): 11:56 13:50

COMPOUND	$\overline{RF}$	RFCC	MIN RF	QUANT AMOUNT	CALLVL AMOUNT	CURVE TYPE	%D	MAX %D
Bromoform	0.058	0.055		9.4	10.0	AVRG	5.6	
Styrene	0.110	0.115		10.4	10.0	AVRG	3.9	
Isopropylbenzene	0.176	0.183		10.4	10.0	AVRG	4.0	
Bromofluorobenzene	0.391	0.433		11.1	10.0	AVRG	10.8	
Bromobenzene	0.066	0.071		10.7	10.0	AVRG	6.7	
n-Propylbenzene	0.188	0.196		10.4	10.0	AVRG	4.2	
1,1,2,2-Tetrachloroetha	0.068	0.069		10.2	10.0	AVRG	1.7	
2-Chlorotoluene	0.141	0.155		11.0	10.0	AVRG	9.9	
1,2,3-Trichloropropane	0.025	0.024		9.5	10.0	AVRG	4.9	
1,3,5-Trimethylbenzene	0.086	0.097		11.2	10.0	AVRG	11.8	
4-Chlorotoluene	0.119	0.133		11.2	10.0	AVRG	12.1	
tert-Butylbenzene	0.026	0.027		10.3	10.0	AVRG	3.1	
1,2,4-Trimethylbenzene	0.081	0.091		11.2	10.0	AVRG	12.1	
sec-Butylbenzene	0.168	0.181		10.8	10.0	AVRG	8.0	
4-Isopropyltoluene	0.114	0.122		10.7	10.0	AVRG	6.7	
1,3-Dichlorobenzene	0.080	0.084		10.5	10.0	AVRG	4.6	
1,4-Dichlorobenzene	0.077	0.081		10.6	10.0	AVRG	5.7	
1,2,3-Trimethylbenzene	0.086	0.089		10.2	10.0	LINR	2.4	
n-Butylbenzene	0.020	0.021		10.4	10.0	AVRG	4.2	
1,2-Dichlorobenzene	0.078	0.086		10.9	10.0	AVRG	8.9	
1,2-Dichlorobenzene-d4	0.334	0.369		11.1	10.0	AVRG	10.7	
1,2-Dibromo-3-chloropro	0.016	0.018		10.8	10.0	LINR	8.1	
Hexachlorobutadiene	0.029	0.028		9.7	10.0	AVRG	3.3	
1,2,4-Trichlorobenzene	0.030	0.030		10.1	10.0	AVRG	1.2	
Naphthalene	0.057	0.057		10.0	10.0	AVRG	0.2	
1,2,3-Trichlorobenzene	0.030	0.027		9.0	10.0	AVRG	9.7	

AVG DIFF: 6.8

ATTACHMENT B
Case Narrative

Premier
Laboratory, Inc
51 Louise Viens Drive
Dayville, CT 06241
FAX: 860-774-2889
860-774-6814 800-932-1150

Report No: E806927
Client: Alpha Analytical
Project: NY Drinking Water

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received five samples from Alpha Analytical on 06/13/2008. The samples were analyzed from the following list of analyses:

Volatiles by 524.2 in DW
524.2

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 3, L0808647-03-RW, Volatiles by 524.2 : One compound recovery for the matrix spike/ matrix spike duplicate was outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

ATTACHMENT C
Data Evaluation Checklist

Data Evaluation Checklist
Organic Analyses

Project: Environmental Planning and Management – Katonah
Job No.: L0808647/L806927
Laboratory: Alpha Analytical and Premier Laboratory, Inc

Reviewer: Megan Drosky

Project No: 07.7690
Method: USEPA 524.2 (VOA)
Associated Sample IDs. RW, DUP, DIST, STEFF and TB
Sample Date: 06/12/08
Date: 08/25/08

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
1. Were holding times met?	✓			VOA: ≤10 days	
2. Were sample storage and preservation requirements met?	✓			3.4°C (2-6°C).	
3. Was a method blank analyzed with each batch?	✓			VOA: VBLK0617	
4 Were target analytes reported in the method or calibration blanks above the Detection Limit?		✓			
5. Were target analytes reported in field blank analyses (e.g., trip, ~~ambient, field, or equipment~~) above the DL?		✓			
6. Were contaminants detected in samples below the blank contamination action level?		✓		Blank contamination does not exist.	
7. Were initial and continuing calibration standards analyzed at the lab-specified frequency for each instrument?	✓			• VOA o Initial calibration: 06/16/08 o Continuing calibration: 06/17/08 @09:13	
8. Were these results within lab or project specifications?		✓		VOA – • Initial calibration of 06/16/08 The RF >0.05 and %RSD between response factors was less than 30% for all target analytes except bromomethane (0.030 RRF), chloromethane (0.033 RRF), bromochloromethane (0.037 RRF), 1,2,3-trichloropropane (0.025 RRF), tert-butylbenzene (0.026 RRF), n-butylbenzene (0.020 RRF), 1,2-dibromo-3-chloropropane (0.016 RRF), hexachlorobutadiene (0.029 RRF), 1,2,4-trichlorobenzene (0.030 RRF) and 1,2,3-trichlorobenzene (0.030 RRF). J/UJ • Continuing calibration of 06/17/08. The RF>0.05 and %D <25% for all target analytes except bromomethane (0.041 RRF), chloromethane (0.034 RRF), bromochloromethane (0.038 RRF), 1,2,3-	J/UJ

Data Evaluation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
				trichloropropane (0.024 RRF), tert-butylbenzene (0.027 RRF), n-butylbenzene (0.021 RRF), 1,2-dibromo-3-chloropropane (0.018 RRF), hexachlorobutadiene (0.028 RRF), 1,2,4-trichlorobenzene (0.030 RRF) and 1,2,3-trichlorobenzene (0.027 RRF). J/UJ	
9. Were the results of the ICS Check Standard analysis within 80-120% of the true value (metals only)?			✓		
10. Was a CRDL Standard analyzed for metals?			✓		
11 Were recoveries within 70-130% of the true value during the CRDL analysis (CRA, CRI)?			✓		
12 Was a LCS analyzed with each batch?	✓			VOA: VLCS0617.2	
13 Were LCS recoveries within lab specifications?	✓				
14. Were LCS/LCSD RPD within lab specifications?			✓	LCS only	
15. Was a MS/MSD pair analyzed with each batch?	✓			VOA: E806927-3 (RW)	
16. Is the MS/MSD parent sample a project-specific sample?	✓				
17. Were MS/MSD recoveries within lab specifications? *Only QC results for project samples are evaluated.*		✓		RW: Tetrachloroethene @111 and 60%R (70-130). No action warranted as the MS was within specifications.	
18. Were MS/MSD RPD within lab specifications? *Only QC results for project samples are evaluated.*		✓		RW: Tetrachloroethene @59.6%RPD (<30). J	J
19. Was a serial dilution conducted on each inorganic batch?			✓		
20 Is the serial dilution parent sample a project-specific sample?			✓		
21. Is the percent difference between the serially diluted result and undiluted result less than 10% (for those analytes with native concentrations greater than 50x the DL)? *Only QC results for project samples are evaluated*			✓		
22 Was a laboratory duplicate analyzed with each batch?		✓			
23. Is the laboratory duplicate sample a project-specific sample?			✓		
24. Does laboratory duplicate results meet lab specifications? *Only QC results for project samples are evaluated.*			✓		
25. Were surrogate recoveries within lab specifications during organic analysis?	✓				

Data Evaluation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
26. Were internal standard results within lab specifications during the VOA?	✓				
27. Were TIC reported and were reported results qualified as estimated concentrations?		✓			
28. Were field duplicate samples submitted to the laboratory for analysis?	✓			DUP is the field duplicate of RW.	
29. Was precision deemed acceptable as defined by DV Guidelines?		✓		Refer to Attachment C-1 for duplicate evaluation.	J/UJ
30. Were laboratory-geoerated Corrective Action Reports (i.e., QCER) issued? If yes, summarize contents or attach copy of the report.		✓			
31. Were lab comments included in report? If yes, summarize contents or attach a copy of the narrative.	✓			Refer to Case Narratives	

Comments:

The data review process was modeled after the Appendix 2B, Guidance for the Development of Data Usability Summary Reports, of *Draft DER 10 Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002) with guidance from the applicable Region 2 RCRA and CERCLA Field and Data Validation Standard Operating Procedures and the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (October 1999)

Key:

J Positive sample result is considered estimated
R Unusable data
R+ Positive sample result is considered unusable
U Not present above the associated level; blank contamination exists
UJ Sample result is not detected and the detection limit is considered estimated
ND Sample result is not detected
N A "tentative identification" has been made of the presence of an analyte

Evaluation of Field Duplicate Results

ATTACHMENT C-1

Analyte	RW	DUP	MDL	MDLx5	*Criteria*	RPD	Absolute difference	Action
cis-1,2-Dichloroethene		0.59	0.5	2.5		200	0.59	J/UJ
Tetrachloroethene	23	22	0.5	2.5	*RPD*	4	1	None, RPD <20%
Trichloroethene	0.54		0.5	2.5		200	0.54	J/UJ

Note: If the analyte was not detected, then the cell is left blank.

RPD - Relative percent difference

*Results are reported in ug/L

Precision is based on either the absolute difference between sample results or RPD. If the sample results are less than or equal to 5x's the MDL, then precision is based on the absolute difference between duplicate results. If sample results >5x's MDL, then precision is evaluated using RPD. J sample results whenever the absolute difference is greater than MDL or RPD >20%. If the analyte is detected in one sample but not the other, then J/UJ sample results. Above table presents results for detected analytes only. Blank cells indicates that the analyte was not detected.

ATTACHMENT D
Qualified Sample Results

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 1

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-01-Dist

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14115.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	2.0	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	1.6	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 1 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-01-Dist

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14115.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	104%	80%-120%
1,2-Dichlorobenzene-d4	101%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 2

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ng/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-02-STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14116.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 2 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-02-STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14116.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	107%	80%-120%
1,2-Dichlorobenzene-d4	99%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 3

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-03-RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14106.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotolnene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 3 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-03-RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14106.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethene	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	23	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	0.54	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	105%	80%-120%
1,2-Dichlorobenzene-d4	99%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 4

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-04-Dup

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14117.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	0.59	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 4 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-04-Dup

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14117.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-bntyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	22	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	98%	80%-120%
1,2-Dichlorobenzene-d4	97%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 5

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-05-Trip Blank

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14107.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 5 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-05-Trip Blank

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14107.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	80%-120%
1,2-Dichlorobenzene-d4	92%	80%-120%

APPENDIX B
LABORATORY ANALYSIS SUMMARY REPORT

Premier
Laboratory, Inc
61 Louise Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E806927
Project: NY Drinking Water

prepared for:

Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

Attn: P. Henrikson

Received Date: 6/13/2008
Report Date: 7/1/2008

Premier Laboratory, Inc
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246), VT (VT11549)

Premier
Laboratory, Inc
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E806927
Client: Alpha Analytical
Project: NY Drinking Water

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received five samples from Alpha Analytical on 06/13/2008. The samples were analyzed from the following list of analyses:

Volatiles by 524.2 in DW
524.2

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 3, L0808647-03-RW, Volatiles by 524.2 : One compound recovery for the matrix spike/ matrix spike duplicate was outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 1

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-01-Dist

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14115.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	2.0	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	1.6	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 1 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-01-Dist

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14115.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	104%	80%-120%
1,2-Dichlorobenzene-d4	101%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 2

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-02-STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14116.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 2 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-02-STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14116.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	107%	80%-120%
1,2-Dichlorobenzene-d4	99%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 3

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-03-RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14106.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 3 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-03-RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14106.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	23	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	0.54	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	105%	80%-120%
1,2-Dichlorobenzene-d4	99%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 4

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-04-Dup

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14117.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotoluene	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Dichlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Diehloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	0.59	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 4 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-04-Dup

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14117.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	22	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	98%	80%-120%
1,2-Dichlorobenzene-d4	97%	80%-120%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 5

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-05-Trip Blank

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14107.D

CAS No.	Parameter	Result	DL
71-43-2	Benzene	ND	0.50
108-86-1	Bromobenzene	ND	0.50
74-97-5	Bromochloromethane	ND	0.50
75-27-4	Bromodichloromethane	ND	0.50
75-25-2	Bromoform	ND	0.50
74-83-9	Bromomethane	ND	0.50
104-51-8	n-Butylbenzene	ND	0.50
135-98-8	sec-Butylbenzene	ND	0.50
98-06-6	tert-Butylbenzene	ND	0.50
56-23-5	Carbon tetrachloride	ND	0.50
108-90-7	Chlorobenzene	ND	0.50
75-00-3	Chloroethane	ND	0.50
67-66-3	Chloroform	ND	0.50
74-87-3	Chloromethane	ND	0.50
95-49-8	2-Chlorotolueue	ND	0.50
106-43-4	4-Chlorotoluene	ND	0.50
108-20-3	Di-isopropyl ether (DIPE)	ND	0.50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	0.50
541-73-1	1,3-Dichlorobenzene	ND	0.50
106-46-7	1,4-Diehlorobenzene	ND	0.50
75-71-8	Dichlorodifluoromethane	ND	0.50
75-34-3	1,1-Dichloroethane	ND	0.50
107-06-2	1,2-Dichloroethane	ND	0.50
75-35-4	1,1-Dichloroethene	ND	0.50
156-59-2	cis-1,2-Dichloroethene	ND	0.50
156-60-5	trans-1,2-Dichloroethene	ND	0.50
78-87-5	1,2-Dichloropropane	ND	0.50
142-28-9	1,3-Dichloropropane	ND	0.50
590-20-7	2,2-Dichloropropane	ND	0.50
563-58-6	1,1-Dichloropropene	ND	0.50
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
	Ethyl tertiary-butyl ether (EtBE)	ND	0.50
100-41-4	Ethylbenzene	ND	0.50
87-68-3	Hexachlorobutadiene	ND	0.50
98-82-8	Isopropylbenzene	ND	0.50
99-87-6	4-Isopropyltoluene	ND	0.50

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E806927
PL Sample No: 5 (continued)

Date Collected: 6/12/2008
Date Received: 6/13/2008
Date Extracted: By:
Date Analyzed: 06/17/08 By: RLS
Method: 524.2
QC Batch#: 61904
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0808647-05-Trip Blank

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N14107.D

CAS No.	Parameter	Result	DL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
75-09-2	Methylene chloride	ND	0.50
91-20-3	Naphthalene	ND	0.50
103-65-1	n-Propylbenzene	ND	0.50
100-42-5	Styrene	ND	0.50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	0.50
96-18-4	1,2,3-Trichloropropane	ND	0.50
526-73-8	1,2,3-Trimethylbenzene	ND	0.50
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	0.50
108-88-3	Toluene	ND	0.50
87-61-6	1,2,3-Trichlorobenzene	ND	0.50
120-82-1	1,2,4-Trichlorobenzene	ND	0.50
71-55-6	1,1,1-Trichloroethane	ND	0.50
79-00-5	1,1,2-Trichloroethane	ND	0.50
79-01-6	Trichloroethene (TCE)	ND	0.50
75-69-4	Trichlorofluoromethane	ND	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	0.50
108-67-8	1,3,5-Trimethylbenzene	ND	0.50
75-01-4	Vinyl chloride	ND	0.50
1330-20-7	Xylenes (total)	ND	0.50

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	80%-120%
1,2-Dichlorobenzene-d4	92%	80%-120%

Premier Labs

E806927

CHAIN OF CUSTODY

PAGE ____ OF ____

ALPHA Analytical
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client: Alpha Analytical Labs
Address: 8 Walkup Dr
Westboro, MA
Phone: 508-439-5155
Fax:
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location: NY
Project #:
Project Manager: Gina Bartolomeo
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: NY ASP
Criteria: Cat Full Deliverable

MA MCP PRESUMPTIVE CERTAINTY — CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
Observe NYASP Holding Time
Need ASP-B/CLP Like Deliverables

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 524.2 (VOC) MS/MSD	SAMPLE HANDLING Filtration / Preservation	Sample Specific Comments	TOTAL # BOTTLES
	L0808647-01 - Dist	6/12/08	905	W		X			2
	-02-STEFF		910			X			2
	-03-RW		915			X	R		4
	-04-Dup		925			X			2
	-05 TRIP Blank	6/4	1545	↓		X			1

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	6/13/08 945		6/13/08 945
	6/13/08 1115		6/13/08 1115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 30-JUL-07)

3.4°C

FORM 2
WATER 524.2 SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Location: NY

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	%Rec #	%Rec #	%Rec #	%Rec #	TOT OUT
01	E806927-1	101	104					0
02	E806927-2	99	107					0
03	E806927-3	99	105					0
04	E806927-4	97	98					0
05	E806927-5	92	97					0
06	E806927-3 MS	117	115					0
07	E806927-3 MSD	102	104					0
08	VBLK0617	95	98					0
09	VLCS617.2	109	110					0
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1 = 1,2-Dichlorobenzene-d4 (80-120)
S2 = Bromofluorobenzene (80-120)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER 524.2 LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: VLCS617.2 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	% REC #	QC LIMITS REC
1,1,1,2-Tetrachloroetha	10.00	10.55	106	70-130
1,1,1-Trichloroethane	10.00	12.27	123	70-130
1,1,2,2-Tetrachloroetha	10.00	12.21	122	70-130
1,1,2-Trichloroethane	10.00	10.76	108	70-130
1,1-Dichloroethane	10.00	11.52	115	70-130
1,1-Dichloroethene	10.00	11.07	111	70-130
1,1-Dichloropropene	10.00	11.48	115	70-130
1,2,3-Trichlorobenzene	10.00	11.83	118	70-130
1,2,3-Trichloropropane	10.00	11.88	119	70-130
1,2,3-Trimethylbenzene	10.00	9.999	100	70-130
1,2,4-Trichlorobenzene	10.00	11.04	110	70-130
1,2,4-Trimethylbenzene	10.00	12.06	121	70-130
1,2-Dibromo-3-chloropro	10.00	11.02	110	70-130
1,2-Dibromoethane (EDB)	10.00	10.99	110	70-130
1,2-Dichlorobenzene	10.00	10.56	106	70-130
1,2-Dichloroethane	10.00	11.96	120	70-130
1,2-Dichloropropane	10.00	11.78	118	70-130
1,3,5-Trimethylbenzene	10.00	11.94	119	70-130
1,3-Dichlorobenzene	10.00	10.46	105	70-130
1,3-Dichloropropane	10.00	12.24	122	70-130
1,4-Dichlorobenzene	10.00	10.38	104	70-130
2,2-Dichloropropane	10.00	10.32	103	70-130
2-Chlorotoluene	10.00	10.90	109	70-130
4-Chlorotoluene	10.00	10.94	109	70-130
4-Isopropyltoluene	10.00	11.02	110	70-130
Benzene	10.00	11.50	115	70-130
Bromobenzene	10.00	11.09	111	70-130
Bromochloromethane	10.00	10.93	109	70-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: N14129.D

FORM 3
WATER 524.2 LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: VLCS617.2 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	% REC #	QC LIMITS REC
Bromodichloromethane	10.00	12.49	125	70-130
Bromoform	10.00	10.50	105	70-130
Bromomethane	10.00	12.19	122	70-130
Carbon tetrachloride	10.00	11.42	114	70-130
Chlorobenzene	10.00	10.84	108	70-130
Chloroethane	10.00	10.94	109	70-130
Chloroform	10.00	11.85	118	70-130
Chloromethane	10.00	8.062	81	70-130
cis-1,2-Dichloroethene	10.00	11.72	117	70-130
cis-1,3-Dichloropropene	10.00	11.10	111	70-130
Dibromochloromethane	10.00	10.91	109	70-130
Dibromomethane	10.00	11.27	113	70-130
Dichlorodifluoromethane	10.00	9.432	94	70-130
Ethylbenzene	10.00	11.06	111	70-130
Hexachlorobutadiene	10.00	11.17	112	70-130
Isopropylbenzene	10.00	11.58	116	70-130
m,p-Xylenes	20.00	21.89	109	70-130
Methyl tert-butyl ether	10.00	11.71	117	70-130
Methylene chloride	10.00	10.99	110	70-130
n-Butylbenzene	10.00	10.74	107	70-130
n-Propylbenzene	10.00	11.15	112	70-130
Naphthalene	10.00	12.96	130	70-130
o-Xylene	10.00	10.87	109	70-130
sec-Butylbenzene	10.00	11.32	113	70-130
Styrene	10.00	10.72	107	70-130
tert-Butylbenzene	10.00	10.87	109	70-130
Tetrachloroethene (PCE)	10.00	10.72	107	70-130
Toluene	10.00	11.57	116	70-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: N14129.D

FORM 3
WATER 524.2 LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: VLCS617.2 Location: NY

COMPODND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	% REC #	QC LIMITS REC
trans-1,2-Dichloroethen	10.00	11.74	117	70-130
trans-1,3-Dichloroprope	10.00	10.19	102	70-130
Trichloroethene (TCE)	10.00	11.67	117	70-130
Trichlorofluoromethane	10.00	12.24	122	70-130
Vinyl chloride	10.00	12.64	126	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14129.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
1,1,1,2-Tetrachloroetha	10.00	D	11.24	112	70-130
1,1,1-Trichloroethane	10.00	0	12.89	129	70-130
1,1,2,2-Tetrachloroetha	10.00	0	10.36	104	70-130
1,1,2-Trichloroethane	10.00	0	10.13	101	70-130
1,1-Dichloroethane	10.00	0	11.52	115	70-130
1,1-Dichloroethene	10.00	0	12.44	124	70-130
1,1-Dichloropropene	10.00	0	11.86	119	70-130
1,2,3-Trichlorobenzene	10.00	0	10.73	107	70-130
1,2,3-Trichloropropane	10.00	0	11.58	116	70-130
1,2,3-Trimethylbenzene	10.00	0	11.29	113	70-130
1,2,4-Trichlorobenzene	10.00	0	10.27	103	70-130
1,2,4-Trimethylbenzene	10.00	0	10.98	110	70-130
1,2-Dibromo-3-chloropro	10.00	0	10.55	106	70-130
1,2-Dibromoethane (EDB)	10.00	0	11.15	112	70-130
1,2-Dichlorobenzene	10.00	0	10.10	101	70-130
1,2-Dichloroethane	10.00	0	11.66	117	70-130
1,2-Dichloropropane	10.00	0	11.48	115	70-130
1,3,5-Trimethylbenzene	10.00	0	11.69	117	70-130
1,3-Dichlorobenzene	10.00	0	10.88	109	70-130
1,3-Dichloropropane	10.00	0	10.68	107	70-130
1,4-Dichlorobenzene	10.00	0	10.48	105	70-130
2,2-Dichloropropane	10.00	0	11.51	115	70-130
2-Chlorotoluene	10.00	0	10.66	107	70-130
4-Chlorotoluene	10.00	0	10.86	108	70-130
4-Isopropyltoluene	10.00	0	11.03	110	70-130
Benzene	10.00	0	10.94	109	70-130
Bromobenzene	10.00	0	10.00	100	70-130
Bromochloromethane	10.00	0	10.43	104	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14106.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
Bromodichloromethane	10.00	0	12.03	120	70-130
Bromoform	10.00	0	10.43	104	70-130
Bromomethane	10.00	0	11.37	114	70-130
Carbon tetrachloride	10.00	0	12.05	120	70-130
Chlorobenzene	10.00	0	11.17	112	70-130
Chloroethane	10.00	0	12.70	127	70-130
Chloroform	10.00	0	11.42	114	70-130
Chloromethane	10.00	0	10.54	105	70-130
cis-1,2-Dichloroethene	10.00	0	12.64	126	70-130
cis-1,3-Dichloropropene	10.00	0	11.04	110	70-130
Dibromochloromethane	10.00	0	10.40	104	70-130
Dibromomethane	10.00	0	10.56	106	70-130
Dichlorodifluoromethane	10.00	0	12.22	122	70-130
Ethylbenzene	10.00	0	10.70	107	70-130
Hexachlorobutadiene	10.00	0	11.16	112	70-130
Isopropylbenzene	10.00	0	10.89	109	70-130
m,p-Xylenes	20.00		21.57	108	70-130
Methyl tert-butyl ether	20.00	0	21.07	105	70-130
Methylene chloride	10.00	0	10.65	106	70-130
n-Butylbenzene	10.00	0	10.51	105	70-130
n-Propylbenzene	10.00	0	10.34	103	70-130
Naphthalene	10.00	0	10.29	103	70-130
o-Xylene	10.00		10.66	107	70-130
sec-Butylbenzene	10.00	0	11.43	114	70-130
Styrene	10.00	0	10.50	105	70-130
tert-Butylbenzene	10.00	0	10.11	101	70-130
Tetrachloroethene (PCE)	10.00	22.6	33.75	111	70-130
Toluene	10.00	0	11.23	112	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14106.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Leb Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
trans-1,2-Dichloroethen	10.00	0	10.74	107	70-130
trans-1,3-Dichloroprope	10.00	0	10.67	107	70-130
Trichloroethene (TCE)	10.00	0.545	10.67	101	70-130
Trichlorofluoromethane	10.00	0	12.39	124	70-130
Vinyl chloride	10.00	0	11.81	118	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14106.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
1,1,1,2-Tetrachloroetha	10.00	10.07	101	10.3	30	70-130
1,1,1-Trichloroethane	10.00	10.86	108	17.7	30	70-130
1,1,2,2-Tetrachloroetha	10.00	9.266	93	11.2	30	70-130
1,1,2-Trichloroethane	10.00	9.265	93	8.25	30	70-130
1,1-Dichloroethane	10.00	9.666	97	17.0	30	70-130
1,1-Dichloroethene	10.00	10.85	108	13.8	30	70-130
1,1-Dichloropropene	10.00	9.797	98	19.4	30	70-130
1,2,3-Trichlorobenzene	10.00	8.855	88	19.5	30	70-130
1,2,3-Trichloropropane	10.00	9.235	92	23.1	30	70-130
1,2,3-Trimethylbenzene	10.00	9.453	94	18.4	30	70-130
1,2,4-Trichlorobenzene	10.00	9.179	92	11.3	30	70-130
1,2,4-Trimethylbenzene	10.00	9.294	93	16.7	30	70-130
1,2-Dibromo-3-chloropro	10.00	9.482	95	10.9	30	70-130
1,2-Dibromoethane (EDB)	10.00	9.500	95	16.4	30	70-130
1,2-Dichlorobenzene	10.00	8.791	88	13.8	30	70-130
1,2-Dichloroethane	10.00	10.18	102	13.7	30	70-130
1,2-Dichloropropane	10.00	9.225	92	22.2	30	70-130
1,3,5-Trimethylbenzene	10.00	9.558	96	19.7	30	70-130
1,3-Dichlorobenzene	10.00	9.500	95	13.7	30	70-130
1,3-Dichloropropane	10.00	9.903	99	7.77	30	70-130
1,4-Dichlorobenzene	10.00	8.834	88	17.6	30	70-130
2,2-Dichloropropane	10.00	10.10	101	13.0	30	70-130
2-Chlorotoluene	10.00	9.394	94	12.9	30	70-130
4-Chlorotoluene	10.00	9.309	93	14.9	30	70-130
4-Isopropyltoluene	10.00	9.303	93	16.7	30	70-130
Benzene	10.00	10.00	100	8.61	30	70-130
Bromobenzene	10.00	9.545	95	5.13	30	70-130
Bromochloromethane	10.00	9.085	91	13.3	30	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14106.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Bromodichloromethane	10.00	9.882	99	19.2	30	70-130
Bromoform	10.00	9.132	91	13.3	30	70-130
Bromomethane	10.00	9.837	98	15.1	30	70-130
Carbon tetrachloride	10.00	10.61	106	12.4	30	70-130
Chlorobenzene	10.00	9.716	97	14.4	30	70-130
Chloroethane	10.00	10.11	101	22.8	30	70-130
Chloroform	10.00	10.54	105	8.22	30	70-130
Chloromethane	10.00	9.750	98	6.90	30	70-130
cis-1,2-Dichloroethene	10.00	10.38	104	19.1	30	70-130
cis-1,3-Dichloropropene	10.00	9.374	94	15.7	30	70-130
Dibromochloromethane	10.00	9.370	94	10.1	30	70-130
Dibromomethane	10.00	10.25	102	3.85	30	70-130
Dichlorodifluoromethane	10.00	11.04	110	10.3	30	70-130
Ethylbenzene	10.00	9.364	94	12.9	30	70-130
Hexachlorobutadiene	10.00	9.536	95	16.4	30	70-130
Isopropylbenzene	10.00	8.828	88	21.3	30	70-130
m,p-Xylenes	20.00	18.54	93	14.9	30	70-130
Methyl tert-butyl ether	20.00	19.02	95	10.0	30	70-130
Methylene chloride	10.00	9.294	93	13.1	30	70-130
n-Butylbenzene	10.00	9.297	93	12.1	30	70-130
n-Propylbenzene	10.00	9.330	93	10.2	30	70-130
Naphthalene	10.00	9.703	97	6.00	30	70-130
o-Xylene	10.00	9.360	94	12.9	30	70-130
sec-Butylbenzene	10.00	9.603	96	17.1	30	70-130
Styrene	10.00	9.201	92	13.2	30	70-130
tert-Butylbenzene	10.00	9.232	92	9.33	30	70-130
Tetrachloroethene (PCE)	10.00	28.56	60*	59.6*	30	70-130
Toluene	10.00	9.169	92	19.6	30	70-130

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

* Values outside of QC limits

COMMENTS: _____

FILE: N14106.D

FORM 3
WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 06/17/08

Project No.: E806927 Project: NY Drinking Water

Sample No.: E806927-3 Location: NY

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
trans-1,2-Dichloroethen	10.00	10.29	103	3.81	30	70-130
trans-1,3-Dichloroprope	10.00	9.728	97	9.80	30	70-130
Trichloroethene (TCE)	10.00	11.15	106	4.83	30	70-130
Trichlorofluoromethane	10.00	10.89	109	12.9	30	70-130
Vinyl chloride	10.00	10.24	102	14.5	30	70-130

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

* Values outside of QC limits

RPD: 1 out of 61 outside limits
Spike Recovery: 1 out of 122 outside limits

COMMENTS: _____

FILE: N14106.D

FORM 4
524.2 METHOD BLANK SUMMARY

VBLK0617

Project No.: E806927 Project: NY Drinking Water

Lab File ID: N14104.D Lab Sample ID: VBLK0617

Matrix: (soil/water) Water Date Analyzed: 06/17/08

Instrument ID: MS12 Date Extracted:

Time Analyzed: 1033

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E806927-1	L0808647-01-Di	N14115.D	06/17/08
02	E806927-2	L0808647-02-ST	N14116.D	06/17/08
03	E806927-3	L0808647-03-RW	N14106.D	06/17/08
04	E806927-4	L0808647-04-Du	N14117.D	06/17/08
05	E806927-5	L0808647-05-Tr	N14107.D	06/17/08
06	E806927-3 MS	E806927-3 MS	N14124.D	06/17/08
07	E806927-3 MS	E806927-3 MSD	N14125.D	06/17/08
08	VLCS617.2	VLCS617.2	N14129.D	06/17/08
09				
10				
11				
12				
13				
14				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Lab File ID: N14066.D BFB Injection Date: 06/16/08

Instrument ID: MS12 BFB Injection Time: 1112

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 80.0% of mass 95	50.6
95	Base Peak, 100.0% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0
174	50.0 - 100.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	6.2 (8.8)1
176	95.0 - 101.0% of mass 174	69.2 (98.6)1
177	5.0 - 9.0% of mass 176	3.5 (5.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	STDLVL1 ICAL	0.5 ICAL	N14067.D	06/16/08	1156
02	STDLVL2 ICAL	5.0 ICAL	N14069.D	06/16/08	1234
03	STDLVL3 ICAL	10 ICAL	N14070.D	06/16/08	1253
04	STDLVL4 ICAL	20 ICAL	N14071.D	06/16/08	1312
05	STDLVL5 ICAL	50 ICAL	N14072.D	06/16/08	1331
06	STDLVL6 ICAL	75 ICAL	N14073.D	06/16/08	1350
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Lab File ID: N14100.D BFB Injection Date: 06/17/08

Instrument ID: MS12 BFB Injection Time: 0855

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 80.0% of mass 95	45.6
95	Base Peak, 100.0% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0
174	50.0 - 100.0% of mass 95	86.6
175	5.0 - 9.0% of mass 174	7.3 (8.5)1
176	95.0 - 101.0% of mass 174	87.2 (100.6)1
177	5.0 - 9.0% of mass 176	5.4 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	STD CCAL	CCAL	N14101.D	06/17/08	0913
02	VBLK0617	VBLK0617	N14104.D	06/17/08	1033
03	E806927-3	L0808647-03-R	N14106.D	06/17/08	1133
04	E806927-5	L0808647-05-T	N14107.D	06/17/08	1152
05	E806927-1	L0808647-01-D	N14115.D	06/17/08	1424
06	E806927-2	L0808647-02-S	N14116.D	06/17/08	1443
07	E806927-4	L0808647-04-D	N14117.D	06/17/08	1502
08	E806927-3 MS	E806927-3 MS	N14124.D	06/17/08	1715
09	E806927-3 MS	E806927-3 MSD	N14125.D	06/17/08	1734
10	VLCS617.2	VLCS617.2	N14129.D	06/17/08	1850
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 06/16/08 06/16/08
Calibration Time(s): 11:56 13:50

Data Files: RF0.5: N14067.D RF5.0: N14069.D RF10: N14070.D
RF20: N14071.D RF50: N14072.D RF75: N14073.D

	CALIBRATION FACTORS				
COMPOUND	RF0.5	RF5.0	RF10	RF20	RF50
Dichlorodifluoromethane	0.093	0.098	0.083	0.088	0.086
Chloromethane	0.119	0.084	0.070	0.073	0.066
Vinyl chloride	0.062	0.065	0.054	0.062	0.064
Bromomethane	0.131	0.035	0.030	0.031	0.034
Chloroethane	0.039	0.039	0.030	0.033	0.032
Trichlorofluoromethane	0.136	0.153	0.120	0.125	0.108
1,1-Dichloroethene	0.042	0.061	0.048	0.056	0.059
Methylene chloride	0.074	0.058	0.057	0.064	0.063
trans-1,2-Dichloroethen	0.056	0.068	0.055	0.059	0.060
Methyl tert-butyl ether	0.194	0.219	0.190	0.211	0.204
1,1-Dichloroethane	0.113	0.122	0.106	0.111	0.111
cis-1,2-Dichloroethene	0.046	0.063	0.061	0.064	0.065
2,2-Dichloropropane	0.094	0.127	0.108	0.114	0.112
Bromochloromethane	0.034	0.037	0.036	0.041	0.037
Chloroform	0.131	0.134	0.128	0.134	0.132
Carbon tetrachloride	0.107	0.130	0.112	0.123	0.120
1,1,1-Trichloroethane	0.085	0.126	0.109	0.122	0.119
1,1-Dichloropropene	0.076	0.090	0.082	0.087	0.088
Benzene	0.153	0.193	0.170	0.191	0.190
1,2-Dichloroethane	0.091	0.127	0.117	0.124	0.117
Trichloroethene (TCE)	0.050	0.062	0.061	0.061	0.062
Dibromomethane	0.035	0.052	0.048	0.050	0.050
1,2-Dichloropropane	0.032	0.050	0.044	0.048	0.048
Bromodichloromethane	0.076	0.095	0.097	0.104	0.10
cis-1,3-Dichloropropene	0.071	0.099	0.089	0.094	0.095
Toluene	0.093	0.122	0.111	0.119	0.119
Tetrachloroethene (PCE)	0.026	0.050	0.046	0.051	0.051
trans-1,3-Dichloroprope	0.081	0.097	0.095	0.108	0.106
1,1,2-Trichloroethane	0.058	0.049	0.052	0.056	0.053
Dibromochloromethane	0.071	0.075	0.074	0.082	0.081
1,3-Dichloropropane	0.074	0.088	0.084	0.093	0.093
1,2-Dibromoethane (EDB)	0.052	0.067	0.061	0.067	0.066
Chlorobenzene	0.133	0.148	0.134	0.148	0.147
Ethylbenzene	0.169	0.239	0.209	0.235	0.240
1,1,1,2-Tetrachloroetha	0.051	0.063	0.057	0.061	0.061
m,p-Xylenes	0.122	0.150	0.140	0.156	0.166
o-Xylene	0.123	0.168	0.155	0.174	0.186
Bromoform	0.046	0.060	0.055	0.065	0.065

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 06/16/08 06/16/08
Calibration Time(s): 11:56 13:50

Data Files: RF0.5: N14067.D RF5.0: N14069.D RF10: N14070.D
RF20: N14071.D RF50: N14072.D RF75: N14073.D

	CALIBRATION FACTORS				
COMPOUND	RF0.5	RF5.0	RF10	RF20	RF50
Styrene	0.074	0.105	0.103	0.121	0.132
Isopropylbenzene	0.141	0.181	0.164	0.186	0.198
Bromofluorobenzene	0.344	0.352	0.390	0.435	0.428
Bromobenzene	0.056	0.065	0.066	0.071	0.074
n-Propylbenzene	0.161	0.188	0.170	0.197	0.214
1,1,2,2-Tetrachloroetha	0.058	0.069	0.065	0.077	0.074
2-Chlorotoluene	0.117	0.144	0.128	0.152	0.161
1,2,3-Trichloropropane	0.023	0.028	0.023	0.029	0.026
1,3,5-Trimethylbenzene	0.060	0.084	0.077	0.099	0.105
4-Chlorotoluene	0.087	0.120	0.115	0.126	0.138
tert-Butylbenzene	0.018	0.028	0.024	0.028	0.031
1,2,4-Trimethylbenzene	0.052	0.082	0.079	0.089	0.097
sec-Butylbenzene	0.139	0.168	0.154	0.184	0.189
4-Isopropyltoluene	0.10	0.113	0.104	0.121	0.130
1,3-Dichlorobenzene	0.062	0.077	0.076	0.086	0.095
1,4-Dichlorobenzene	0.058	0.072	0.073	0.084	0.090
1,2,3-Trimethylbenzene	0.047	0.079	0.076	0.087	0.096
n-Butylbenzene	0.018	0.021	0.016	0.021	0.023
1,2-Dichlorobenzene	0.067	0.074	0.075	0.085	0.089
1,2-Dichlorobenzene-d4	0.272	0.302	0.333	0.372	0.378
1,2-Dibromo-3-chloropro	0.004	0.014	0.015	0.018	0.017
Hexachlorobutadiene	0.036	0.028	0.024	0.028	0.029
1,2,4-Trichlorobenzene	0.028	0.029	0.025	0.033	0.035
Naphthalene	0.046	0.054	0.048	0.067	0.070
1,2,3-Trichlorobenzene	0.028	0.031	0.026	0.034	0.033

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 06/16/08 06/16/08
Calibration Time(s): 11:56 13:50

Data Files: RF0.5: N14067.D RF5.0: N14069.D RF10: N14070.D
RF20: N14071.D RF50: N14072.D RF75: N14073.D

	CALIBRATION FACTORS	
COMPOUND	RF75	
Dichlorodifluoromethane	0.074	
Chloromethane	0.064	
Vinyl chloride	0.059	
Bromomethane	0.030	
Chloroethane	0.026	
Trichlorofluoromethane		
1,1-Dichloroethene	0.051	
Methylene chloride	0.057	
trans-1,2-Dichloroethen	0.057	
Methyl tert-butyl ether	0.181	
1,1-Dichloroethane	0.104	
cis-1,2-Dichloroethene	0.063	
2,2-Dichloropropane	0.101	
Bromochloromethane	0.036	
Chloroform	0.120	
Carbon tetrachloride	0.109	
1,1,1-Trichloroethane	0.105	
1,1-Dichloropropene	0.084	
Benzene	0.183	
1,2-Dichloroethane	0.101	
Trichloroethene (TCE)	0.058	
Dibromomethane	0.046	
1,2-Dichloropropane	0.046	
Bromodichloromethane	0.090	
cis-1,3-Dichloropropene	0.089	
Toluene	0.115	
Tetrachloroethene (PCE)	0.048	
trans-1,3-Dichloroprope	0.095	
1,1,2-Trichloroethane	0.049	
Dibromochloromethane	0.074	
1,3-Dichloropropane	0.086	
1,2-Dibromoethane (EDB)	0.060	
Chlorobenzene	0.136	
Ethylbenzene	0.226	
1,1,1,2-Tetrachloroetha	0.054	
m,p-Xylenes	0.156	
o-Xylene	0.172	
Bromoform	0.056	

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 06/16/08 06/16/08
Calibration Time(s): 11:56 13:50

Data Files: RF0.5: N14067.D RF5.0: N14069.D RF10: N14070.D
RF20: N14071.D RF50: N14072.D RF75: N14073.D

	CALIBRATION FACTORS	
COMPOUND	RF75	
Styrene	0.127	
Isopropylbenzene	0.182	
Bromofluorobenzene	0.396	
Bromobenzene	0.066	
n-Propylbenzene	0.198	
1,1,2,2-Tetrachloroetha	0.064	
2-Chlorotoluene	0.145	
1,2,3-Trichloropropane	0.023	
1,3,5-Trimethylbenzene	0.094	
4-Chlorotoluene	0.125	
tert-Butylbenzene	0.028	
1,2,4-Trimethylbenzene	0.088	
sec-Butylbenzene	0.174	
4-Isopropyltoluene	0.118	
1,3-Dichlorobenzene	0.084	
1,4-Dichlorobenzene	0.083	
1,2,3-Trimethylbenzene	0.082	
n-Butylbenzene	0.021	
1,2-Dichlorobenzene	0.081	
1,2-Dichlorobenzene-d4	0.345	
1,2-Dibromo-3-chloropro	0.015	
Hexachlorobutadiene	0.027	
1,2,4-Trichlorobenzene	0.029	
Naphthalene	0.057	
1,2,3-Trichlorobenzene	0.028	

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 06/16/08 06/16/08
Calibration Time(s): 11:56 13:50

Data Files: RF0.5: N14067.D RF5.0: N14069.D RF10: N14070.D
RF20: N14071.D RF50: N14072.D RF75: N14073.D

COMPOUND	CURVE	COEFFICIENTS A0	A1	A2	%RSD OR R^2
Dichlorodifluoromethane	AVRG		0.0871610		9.6
Chloromethane	LINR	0.1008371	0.0631426		0.9986023
Vinyl chloride	AVRG		0.0610535		6.4
Bromomethane	LINR	0.0362000	0.0304556		0.9907304
Chloroethane	AVRG		0.0332972		15.3
Trichlorofluoromethane	AVRG		0.1286235		13.2
1,1-Dichloroethene	AVRG		0.0528419		13.5
Methylene chloride	LINR	0.0420208	0.0584736		0.9950836
trans-1,2-Dichloroethen	AVRG		0.0590962		7.9
Methyl tert-butyl ether	AVRG		0.1997654		7.1
1,1-Dichloroethane	AVRG		0.1112927		5.6
cis-1,2-Dichloroethene	AVRG		0.0603675		11.6
2,2-Dichloropropane	AVRG		0.1093011		10.4
Bromochloromethane	AVRG		0.0368620		6.2
Chloroform	AVRG		0.1298339		4.1
Carbon tetrachloride	AVRG		0.1170414		7.6
1,1,1-Trichloroethane	AVRG		0.1112038		13.6
1,1-Dichloropropene	AVRG		0.0843659		5.8
Benzene	AVRG		0.1801150		8.7
1,2-Dichloroethane	AVRG		0.1128062		12.3
Trichloroethene (TCE)	AVRG		0.0591637		8.0
Dibromomethane	AVRG		0.0469025		12.7
1,2-Dichloropropane	AVRG		0.0447682		14.8
Bromodichloromethane	AVRG		0.0937074		10.3
cis-1,3-Dichloropropene	AVRG		0.0895172		11.1
Toluene	AVRG		0.1133052		9.5
Tetrachloroethene (PCE)	LINR	0.0109309	0.0487814		0.9983058
trans-1,3-Dichloroprope	AVRG		0.0970760		9.8
1,1,2-Trichloroethane	AVRG		0.0528927		6.4
Dibromochloromethane	AVRG		0.0764610		5.8
1,3-Dichloropropane	AVRG		0.0864100		8.3
1,2-Dibromoethane (EDB)	AVRG		0.0623188		8.9
Chlorobenzene	AVRG		0.1407579		5.2
Ethylbenzene	AVRG		0.2196835		12.5
1,1,1,2-Tetrachloroetha	AVRG		0.0580156		8.3
m,p-Xylenes	AVRG		0.1481242		10.4
o-Xylene	AVRG		0.1630220		13.6
Bromoform	AVRG		0.0579442		12.1

FORM 8
524.2 INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Location: NY

Lab File ID (Standard): N14101.D Date Analyzed: 06/17/08

Instrument ID: MS12 Time Analyzed: 0913

		IS1 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	138704	3.74				
	UPPER LIMIT	277408	4.24				
	LOWER LIMIT	69352	3.24				
	LAB SAMPLE NO.						
01	VBLK0617	134417	3.75				
02	E806927-3	123434	3.75				
03	E806927-5	129751	3.76				
04	E806927-1	123727	3.76				
05	E806927-2	120049	3.75				
06	E806927-4	125608	3.76				
07	E806927-3 MS	123050	3.76				
08	E806927-3 MS	135649	3.77				
09	VLCS617.2	135993	3.76				
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC Limits with an asterisk.
* Values outside of QC limits.

PARAMETER: 524.2
TUNE FILE: MJ10
TUNE METHOD: BFB
PASSING TUNE SCAN: Average
TUNE TIME: 8:55 am
METHOD FILE: 524 Test
EM: 2247
INITIAL CALIBRATION: 6-17-08
ANALYST: RLS
SUPERVISOR:

DATE: 6/17/08 28
GC/MS#: 12

	INTERNAL STANDARD AREA COUNTS
IS1	138704
IS2	
IS3	
IS4	

DAILY STD.	CONC.	LOT #
QC Mix	25 PPB	63647
BFB	25 PPB	64024
CCAL	10 PPB	64897
8260 Cal	10 PPB	65282

SAMPLE #	DATA FILE	ALS #	DILUTION	PARAMETER	MATRIX	pH	COMMENTS
Blank	N14099	1	–	524.2	AQ	12	✓
BFB	N14100	2					passed, AVG
VSTD010CCal	01	3					passed
Blank	02	4					✓
VSTD100x4Cal	03	5					passed
VLBLK01 7	04	6					ND
8260976-1B	05	7					
927-3	06	8					
↓ -5	07	9					
952-2B	08	10					
957-2B	09	11					
960-2B	10	12					
963-3B	11	13					
977-1	12	14					
978-1B	13	15					
A16-1	14	16					
927-1	15	17					
927-2	16	18					
↓ -4	17	19					
993-1	18	20					
A21-1	19	21					
A22-1	20	22					
↓ -2	21	23					
A37-2B	22	24					
Blank	23	25					✓
927-3MS	24	26					ok
927-3MSD	25	27					ok
Blank	26	28					✓
Blank	27	29					✓
VLCS01 7	28	30	↓	↓	↓	↓	ok

PARAMETER: 524.2
TUNE FILE: MT12
TUNE METHOD: BFB
PASSING TUNE SCAN:
TUNE TIME:
METHOD FILE:
EM:
INITIAL CALIBRATION:
ANALYST:
SUPERVISOR:

DATE: 6/17/08

GC/MS#: GCMS12

	INTERNAL STANDARD AREA COUNTS
IS1	
IS2	
IS3	
IS4	

DAILY STD.	CONC.	LOT #

Continued from previous page

SAMPLE #	DATA FILE	ALS #	DILUTION	PARAMETER	MATRIX	pH	COMMENTS
~~NH4129.D~~ VCS0617.2	N141 29	31	—	524.2	AQ	4	OK
Blank	30	32					"
Blank	31	33					"
SB08060610-1	32	34					ND
-2	33	35					ND
-3	34	36	"	"	"	"	ND

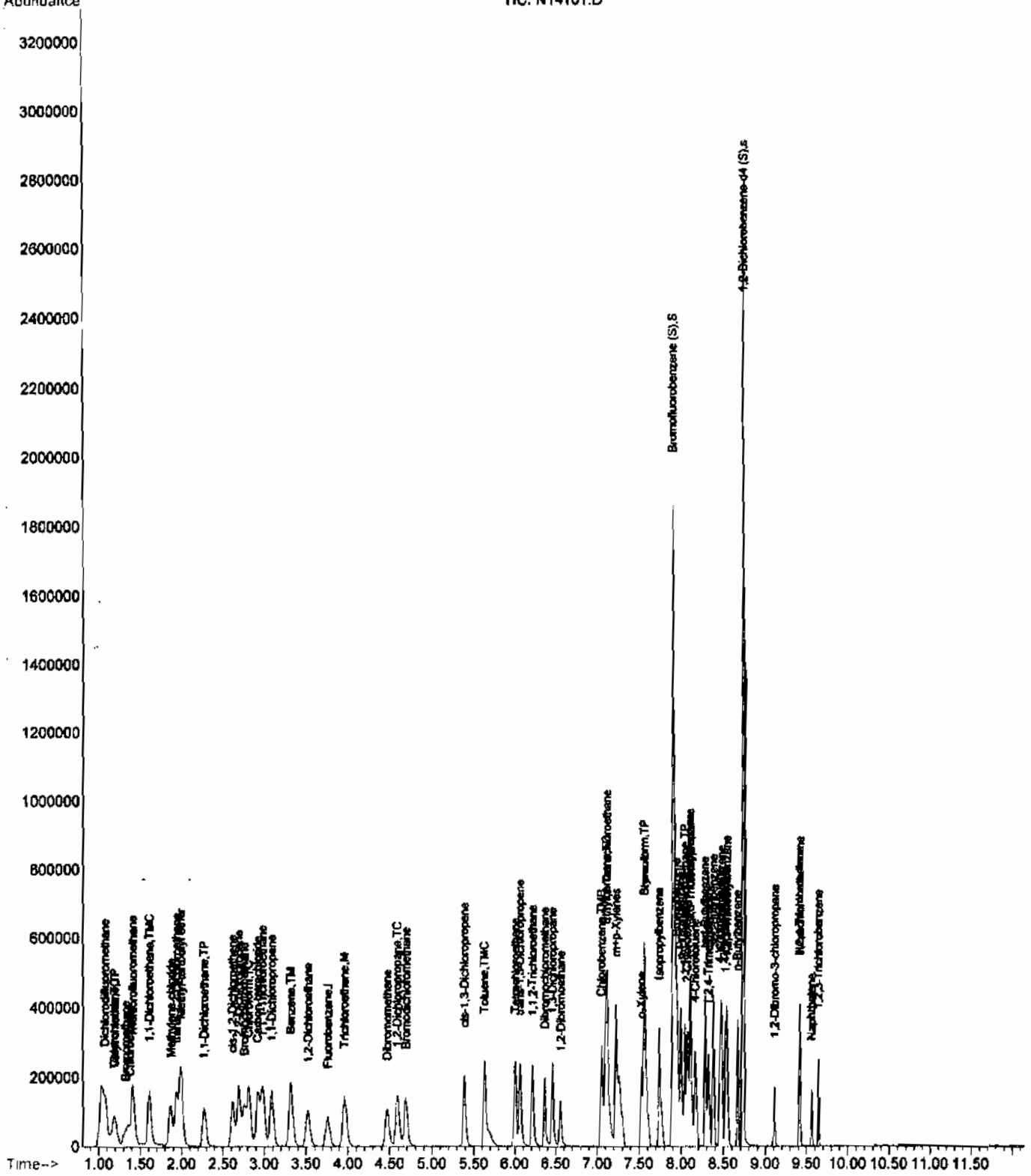
6/17/08
AD RLS

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14101.D Vial: 3
Acq On : 17 Jun 2008 9:13 am Operator: RLS
Sample : VSTD010 CCAL Inst : MS12
Misc : 524.2 R1(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 9:39 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jul 18 13:44:59 2008
Response via : Initial Calibration

TIC: N14101.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14101.D Vial: 3
Acq On : 17 Jun 2008 9:13 am Operator: RLS
Sample : VSTD010 CCAL Inst : MS12
Misc : 524.2 RI(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 9:39 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 08:56:58 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	3.76	96	138704	1.00	ppb		0.02
System Monitoring Compounds							
31) Bromofluorobenzene (S)	7.90	176	600523	11.08	ppb		0.00
Spiked Amount 10.000			Recovery = 110.80%				
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	512300	11.07	ppb		0.00
Spiked Amount 10.000			Recovery = 110.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.08	85	136443	11.29	ppb		93
3) Chloromethane	1.18	50	95526m	9.31	ppb		
4) Vinyl chloride	1.19	62	86933	10.27	ppb		100
5) Bromomethane	1.32	94	57005	12.31	ppb		88
6) Chloroethane	1.37	64	47055	10.19	ppb		86
7) Trichlorofluoromethane	1.41	101	194908	10.92	ppb		95
8) 1,1-Dichloroethene	1.61	96	77651	10.59	ppb	#	54
9) Methylene chloride	1.87	84	89283	10.29	ppb	#	82
10) Methyl-tertbutyl ether	1.99	73	292051	10.54	ppb		98
11) trans-1,2-Dichloroethene	1.93	96	86787	10.59	ppb		90
12) 1,1-Dichloroethane	2.27	63	166866	10.81	ppb		97
13) 2,2-Dichloropropane	2.70	77	173220	11.43	ppb		81
14) cis-1,2-Dichloroethene	2.62	96	90696	10.83	ppb	#	69
15) Chloroform	2.82	83	201507	11.19	ppb		86
16) Bromochloromethane	2.76	128	52338	10.24	ppb		86
17) 1,1,1-Trichloroethane	2.99	97	176468	11.44	ppb		93
18) 1,1-Dichloropropene	3.09	75	124971	10.68	ppb		76
19) Carbon tetrachloride	2.93	117	177775	10.95	ppb		90
20) Benzene	3.32	78	268988	10.77	ppb		96
21) 1,2-Dichloroethane	3.52	62	172937	11.05	ppb		96
22) Trichloroethene	3.96	130	85356	10.40	ppb	#	76
23) 1,2-Dichloropropane	4.59	63	65803	10.60	ppb		86
24) Bromodichloromethane	4.69	83	149323	11.49	ppb		94
25) Dibromomethane	4.46	93	67662	10.40	ppb		91
26) cis-1,3-Dichloropropene	5.39	75	134311	10.82	ppb		98
27) Toluene	5.62	92	164859	10.49	ppb		94
28) trans-1,3-Dichloropropene	6.07	75	143828	10.68	ppb		89
29) 1,1,2-Trichloroethane	6.21	97	75526	10.29	ppb		94
30) 1,2-Dibromoethane	6.55	109	92417	10.69	ppb		98
32) 1,3-Dichloropropane	6.46	76	132521	11.06	ppb		94
33) Tetrachloroethene	6.00	164	74090	10.73	ppb		92
34) Dibromochloromethane	6.36	129	109639	10.34	ppb		92
35) Chlorobenzene	7.05	112	201463	10.32	ppb		99
36) 1,1,1,2-Tetrachloroethane	7.11	133	82635	10.27	ppb		86
37) Ethylbenzene	7.10	91	328102	10.77	ppb		91
38) m+p-Xylenes	7.22	91	426877	20.78	ppb		95
39) o-Xylene	7.53	91	239160m	10.58	ppb		
40) Styrene	7.56	104	159133	10.39	ppb		81
41) Bromoform	7.56	173	75831	9.44	ppb		83
42) Isopropylbenzene	7.74	105	253332	10.40	ppb		89
43) 1,1,2,2-Tetrachloroethane	8.04	83	95773	10.17	ppb		87
44) 1,2,3-Trichloropropane	8.10	110	33356	9.51	ppb		75
45) n-Propylbenzene	7.99	91	271837	10.42	ppb		95
46) Bromobenzene	7.95	156	98317	10.67	ppb		95
47) 2-Chlorotoluene	8.07	91	215190m	10.99	ppb		
48) 4-Chlorotoluene	8.16	91	184587	11.21	ppb		92
49) 1,3,5-Trimethylbenzene	8.11	105	134074	11.18	ppb		89
50) tert-Butylbenzene	8.29	134	37595	10.31	ppb	#	73
51) 1,2,4-Trimethylbenzene	8.32	105	126193	11.21	ppb		93
52) sec-Butylbenzene	8.38	105	251503	10.80	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14101.D Vial: 3
Acq On : 17 Jun 2008 9:13 am Operator: RLS
Sample : VSTD010 CCAL Inst : MS12
Misc : 524.2 RI(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 9:39 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 08:56:58 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

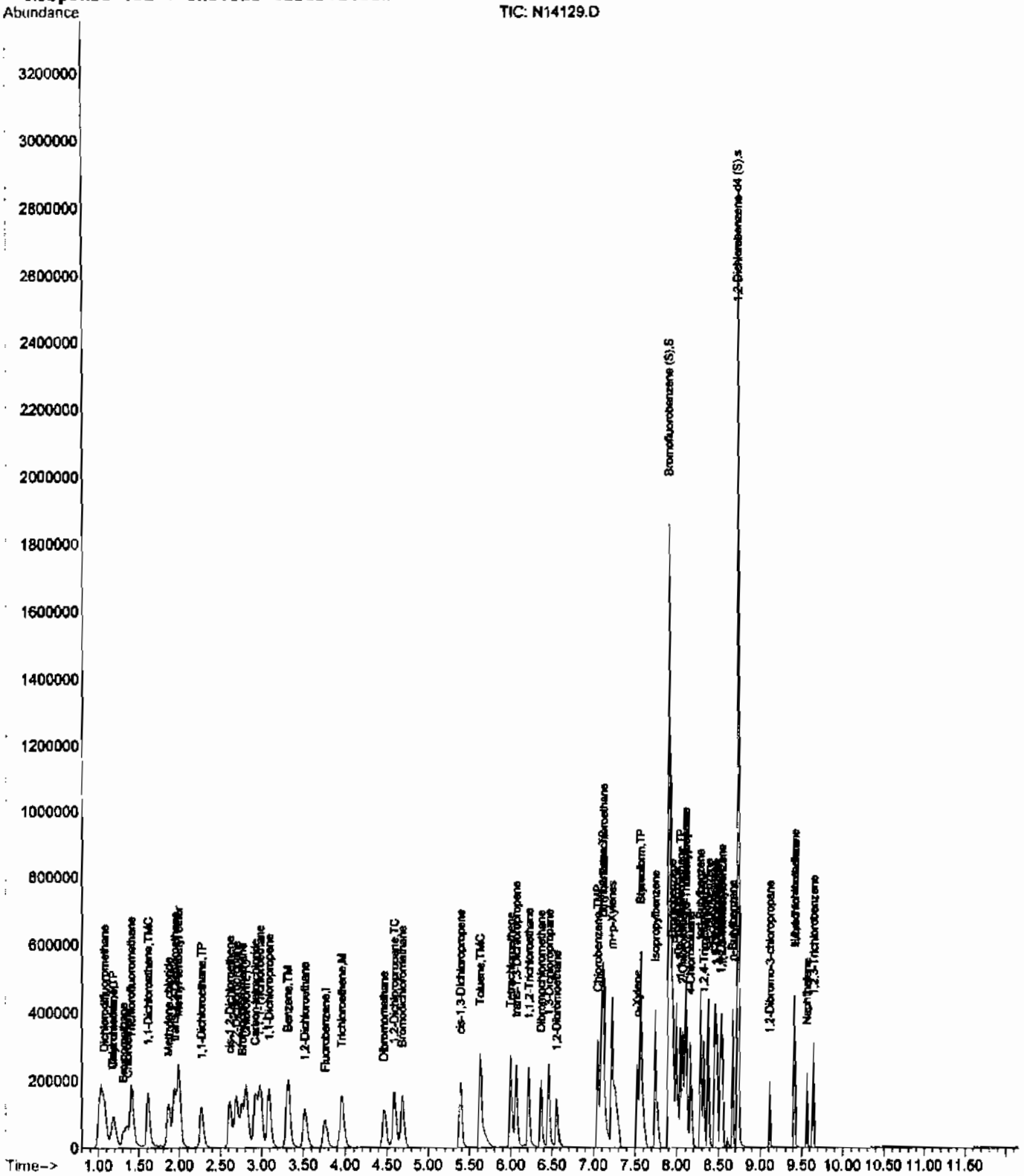
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53) 4-Isopropyltoluene	8.45	119	169046	10.67	ppb		95
54) 1,3-Dichlorobenzene	8.48	146	116429m	10.46	ppb		
55) 1,4-Dichlorobenzene	8.52	146	112510	10.57	ppb		98
56) 1,2,3-Trimethylbenzene	8.54	105	123486	10.24	ppb		94
57) n-Butylbenzene	8.66	134	29110	10.42	ppb	#	36
59) 1,2-Dichlorobenzene	8.73	146	118673	10.89	ppb		97
60) 1,2-Dibromo-3-chloropropan	9.11	75	24885	10.81	ppb	#	73
61) 1,2,4-Trichlorobenzene	9.42	180	42169	10.12	ppb		98
62) Hexachlorobutadiene	9.41	225	38480	9.67	ppb		95
63) Naphthalene	9.57	128	78925	10.02	ppb		96
64) 1,2,3-Trichlorobenzene	9.64	180	37594	9.03	ppb		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14129.D Vial: 29
Acq On : 17 Jun 2008 6:50 pm Operator: RLS
Sample : VLCS617.2 Inst : MS12
Misc : 524.2(DW) MultiplIr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:59 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14129.D Vial: 29
Acq On : 17 Jun 2008 6:50 pm Operator: RLS
Sample : VLCS617.2 Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:59 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Callbration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	3.76	96	135993	1.00	ppb		0.02
System Monitorlng Compounds							
31) Bromofluorobenzene (S)	7.90	176	584071	10.99	ppb		0.00
Spiked Amount 10.000			Recovery =	109.90%			
58) 1,2-Dlchlorobenzene-d4 (S)	8.73	152	495705	10.92	ppb		0.00
Spiked Amount 10.000			Recovery =	109.20%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.08	85	111798	9.43	ppb		93
3) Chloromethane	1.18	50	82940m	8.06	ppb		
4) Vinyl chloride	1.18	62	104992	12.65	ppb		94
5) Bromomethane	1.31	94	55404m	12.19	ppb		
6) Chloroethane	1.36	64	49537	10.94	ppb		100
7) Trichlorofluoromethane	1.41	101	214078	12.24	ppb		98
8) 1,1-Dichloroethene	1.61	96	79564	11.07	ppb	#	81
9) Methylene chloride	1.87	84	93091	10.99	ppb	#	81
10) Methyl-tertbutyl ether	1.99	73	318071	11.71	ppb		98
11) trans-1,2-Dichloroethene	1.95	96	94350	11.74	ppb		89
12) 1,1-Dichloroethane	2.26	63	174430	11.52	ppb		94
13) 2,2-Dichloropropane	2.69	77	153383	10.32	ppb		79
14) cis-1,2-Dlchloroethene	2.61	96	96252	11.72	ppb	#	66
15) Chloroform	2.82	83	209295	11.85	ppb		84
16) Bromochloromethane	2.77	128	54790	10.93	ppb	#	79
17) 1,1,1-Trichloroethane	2.98	97	185542	12.27	ppb		92
18) 1,1-Dichloropropene	3.09	75	131741	11.48	ppb		83
19) Carbon tetrachloride	2.93	117	181770	11.42	ppb		98
20) Benzene	3.32	78	281676	11.50	ppb		94
21) 1,2-Dichloroethane	3.52	62	183440	11.96	ppb		88
22) Trichloroethene	3.96	130	93859	11.67	ppb		94
23) 1,2-Dichloropropane	4.60	63	71714	11.78	ppb		82
24) Bromodichloromethane	4.68	83	159214	12.49	ppb		94
25) Dibromomethane	4.47	93	71866	11.27	ppb		81
26) cis-1,3-Dichloropropene	5.39	75	135081	11.10	ppb		96
27) Toluene	5.63	92	178273	11.57	ppb		98
28) trans-1,3-Dichloropropene	6.06	75	134497	10.19	ppb		86
29) 1,1,2-Trichloroethane	6.21	97	77429	10.76	ppb		96
30) 1,2-Dibromoethane	6.55	109	93114	10.99	ppb		93
32) 1,3-Dichloropropane	6.46	76	143780	12.24	ppb		100
33) Tetrachloroethene	6.00	164	72590	10.72	ppb		95
34) Dibromochloromethane	6.37	129	113463	10.91	ppb		97
35) Chlorobenzene	7.05	112	207479	10.84	ppb		92
36) 1,1,1,2-Tetrachloroethane	7.12	133	83236	10.55	ppb	#	80
37) Ethylbenzene	7.10	91	330485	11.06	ppb		91
38) m+p-Xylenes	7.22	91	440950	21.89	ppb		95
39) o-Xylene	7.52	91	240889	10.87	ppb		90
40) Styrene	7.56	104	160924	10.72	ppb		95
41) Bromoform	7.56	173	82717	10.50	ppb		96
42) Isopropylbenzene	7.74	105	276596	11.58	ppb		92
43) 1,1,2,2-Tetrachloroethane	8.04	83	112681m	12.21	ppb		
44) 1,2,3-Trichloropropane	8.10	110	40863	11.88	ppb		94
45) n-Propylbenzene	7.99	91	285357	11.15	ppb		95
46) Bromobenzene	7.95	156	100201	11.09	ppb	#	80
47) 2-Chlorotoluene	8.07	91	209208m	10.90	ppb		
48) 4-Chlorotoluene	8.16	91	176690	10.95	ppb		94
49) 1,3,5-Trlmethylbenzene	8.11	105	140360	11.94	ppb		99
50) tert-Butylbenzene	8.28	134	38836m	10.87	ppb		
51) 1,2,4-Trimethylbenzene	8.32	105	133007	12.06	ppb		94
52) sec-Butylbenzene	8.38	105	258414	11.32	ppb		94

(#) = qualifler out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14129.D Vial: 29
Acq On : 17 Jun 2008 6:50 pm Operator: RLS
Sample : VLCS617.2 Inst : MS12
Misc : 524.2(DW) MultiplIr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:59 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
53) 4-Isopropyltoluene	8.46	119	171209	11.02 ppb		97
54) 1,3-Dichlorobenzene	8.48	146	114071m	10.46 ppb		
55) 1,4-Dichlorobenzene	8.52	146	108399	10.38 ppb		98
56) 1,2,3-Trimethylbenzene	8.54	105	118261	10.00 ppb		93
57) n-Butylbenzene	8.67	134	29408	10.74 ppb	#	56
59) 1,2-Dichlorobenzene	8.73	146	112829	10.56 ppb		95
60) 1,2-Dibromo-3-chloropropan	9.11	75	24841	11.01 ppb	#	76
61) 1,2,4-Trichlorobenzene	9.42	180	45091	11.04 ppb		98
62) Hexachlorobutadiene	9.41	225	43600	11.17 ppb		94
63) Naphthalene	9.56	128	100089m	12.96 ppb		
64) 1,2,3-Trichlorobenzene	9.64	180	48296	11.83 ppb		97

(#) = qualifier out of range (m) = manual integration

Compound List Report MS12

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jul 18 13:44:59 2008
Response via : Initial Calibration
Total Cpnds : 64

PK#		Compound Name	QIon	Exp_RT	Rel_RT	Cal	#Qual	A/H	ID
1	I	Fluorobenzene	96	3.76	1.000	A	1	A	R
2		Dichlorodifluoromethane	85	1.08	0.288	L	1	A	B
3	T	Chloromethane	50	1.18	0.315	L	1	A	B
4	T	Vinyl chloride	62	1.19	0.317	A	1	A	B
5		Bromomethane	94	1.32	0.350	A	1	A	B
6		Chloroethane	64	1.37	0.364	A	1	A	B
7		Trichlorofluoromethane	101	1.41	0.375	A	1	A	B
8	T	1,1-Dichloroethene	96	1.61	0.429	A	2	A	B
9		Methylene chloride	84	1.87	0.496	L	2	A	B
10		Methyl-tertbutyl ether	73	1.99	0.530	A	1	A	B
11		trans-1,2-Dichloroethene	96	1.93	0.514	A	2	A	B
12	T	1,1-Dichloroethane	63	2.27	0.604	A	2	A	B
13		2,2-Dichloropropane	77	2.70	0.718	A	1	A	B
14		cis-1,2-Dichloroethene	96	2.62	0.695	A	2	A	B
15	T	Chloroform	83	2.82	0.749	A	1	A	B
16		Bromochloromethane	128	2.76	0.733	A	1	A	B
17		1,1,1-Trichloroethane	97	2.99	0.794	A	2	A	B
18		1,1-Dichloropropene	75	3.09	0.821	A	1	A	B
19		Carbon tetrachloride	117	2.93	0.778	A	2	A	B
20	T	Benzene	78	3.32	0.884	A	1	A	B
21		1,2-Dichloroethane	62	3.52	0.935	A	1	A	B
22	M	Trichloroethene	130	3.96	1.054	A	2	A	B
23	T	1,2-Dichloropropane	63	4.59	1.220	A	1	A	B
24		Bromodichloromethane	83	4.69	1.246	A	1	A	B
25		Dibromomethane	93	4.46	1.186	A	1	A	B
26		cis-1,3-Dichloropropene	75	5.39	1.432	A	1	A	B
27	T	Toluene	92	5.62	1.495	A	1	A	B
28		trans-1,3-Dichloropropene	75	6.07	1.614	A	2	A	B
29		1,1,2-Trichloroethane	97	6.21	1.652	A	2	A	B
30		1,2-Dibromoethane	109	6.55	1.741	A	1	A	B
31	S	Bromofluorobenzene (S)	176	7.90	2.100	A	2	A	B
32		1,3-Dichloropropane	76	6.46	1.717	A	1	A	B
33		Tetrachloroethene	164	6.00	1.596	A	2	A	B
34		Dibromochloromethane	129	6.36	1.692	A	1	A	B
35	T	Chlorobenzene	112	7.05	1.874	A	2	A	B
36		1,1,1,2-Tetrachloroethane	133	7.11	1.892	A	1	A	B
37	T	Ethylbenzene	91	7.10	1.887	A	1	A	B
38		m+p-Xylenes	91	7.22	1.921	A	1	A	B
39		o-Xylene	91	7.53	2.001	A	1	A	B
40		Styrene	104	7.56	2.010	A	1	A	B
41	T	Bromoform	173	7.56	2.010	A	1	A	B
42		Isopropylbenzene	105	7.74	2.057	A	1	A	B
43	T	1,1,2,2-Tetrachloroethane	83	8.04	2.138	A	2	A	B
44		1,2,3-Trichloropropane	110	8.10	2.154	A	1	A	B
45		n-Propylbenzene	91	7.99	2.124	A	1	A	B
46		Bromobenzene	156	7.95	2.113	A	1	A	B
47		2-Chlorotoluene	91	8.07	2.145	A	1	A	B
48		4-Chlorotoluene	91	8.16	2.169	A	1	A	B
49		1,3,5-Trimethylbenzene	105	8.11	2.156	A	1	A	B
50		tert-Butylbenzene	134	8.29	2.203	A	2	A	B
51		1,2,4-Trimethylbenzene	105	8.32	2.212	A	1	A	B
52		sec-Butylbenzene	105	8.38	2.228	A	2	A	B
53		4-Isopropyltoluene	119	8.45	2.248	A	2	A	B
54		1,3-Dichlorobenzene	146	8.48	2.254	A	2	A	B
55		1,4-Dichlorobenzene	146	8.52	2.266	A	2	A	B
56		1,2,3-Trimethylbenzene	105	8.54	2.270	A	1	A	B
57		n-Butylbenzene	134	8.66	2.304	A	2	A	B
58	S	1,2-Dichlorobenzene-d4 (S)	152	8.73	2.322	A	2	A	B
59		1,2-Dichlorobenzene	146	8.73	2.322	A	2	A	B
60		1,2-Dibromo-3-chloropropane	75	9.11	2.422	A	2	A	B
61		1,2,4-Trichlorobenzene	180	9.42	2.505	A	1	A	B
62		Hexachlorobutadiene	225	9.41	2.501	A	1	A	B
63		Naphthalene	128	9.57	2.543	L	1	A	B
64		1,2,3-Trichlorobenzene	180	9.64	2.564	A	1	A	B

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
#Qual = number of qualifiers
A/H = Area or Height
ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

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524TEST.M      Fri Jul 18 13:50:56 2008
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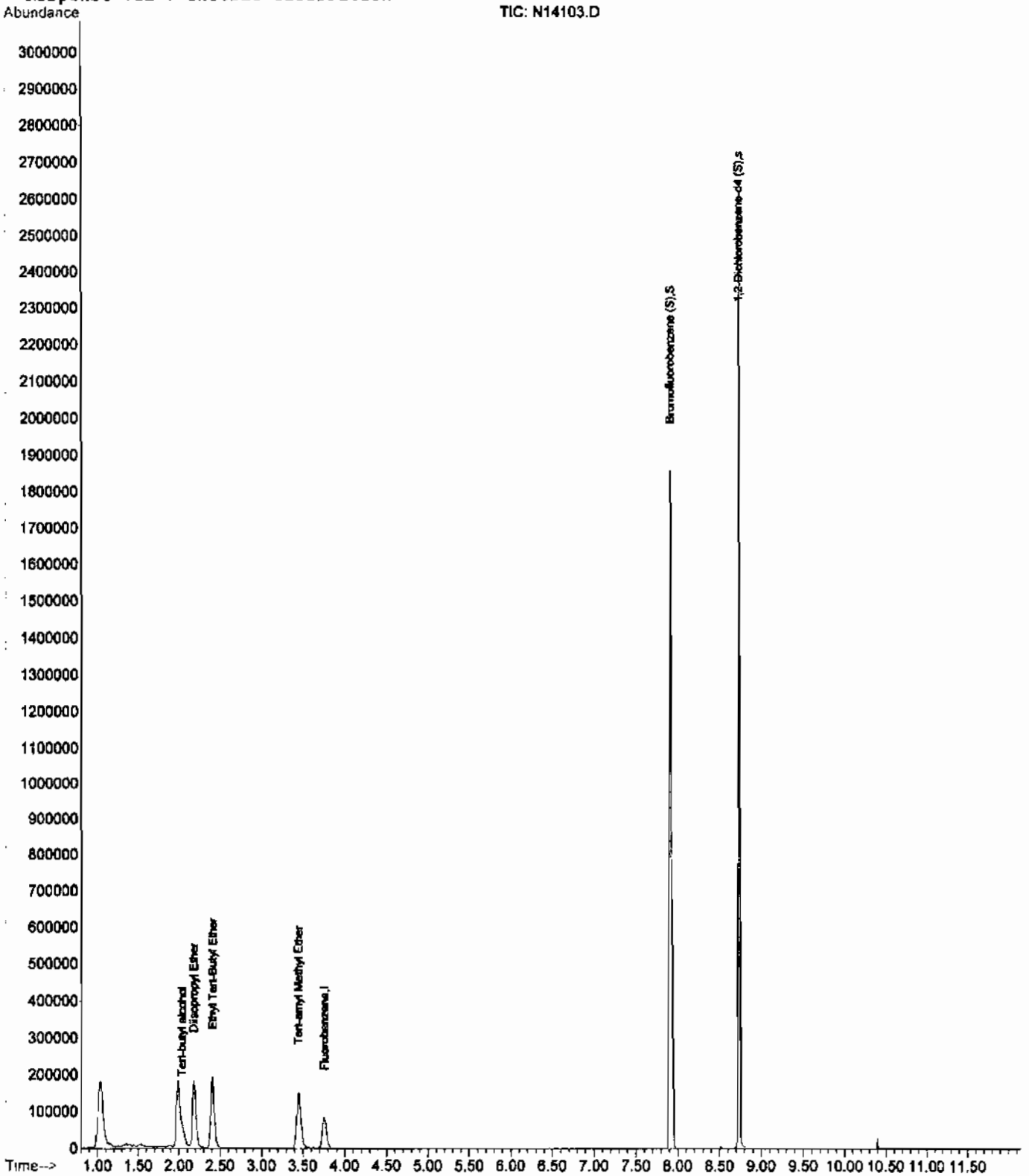
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14103.D Vial: 5
Acq On : 17 Jun 2008 10:14 am Operator: RLS
Sample : VSTD010 OXY CCAL Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 10:33 2008 Quant Results File: 524OXY.RES

Method : C:\HPCHEM\1\METHODS\524OXY.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jul 18 14:00:16 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14103.D Vial: 5
Acq On : 17 Jun 2008 10:14 am Operator: RLS
Sample : VSTD010 OXY CCAL Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 10:33 2008 Quant Results File: 524OXY.RES

Quant Method : C:\HPCHEM\1\METHODS\524OXY.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Wed Jun 11 11:04:22 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

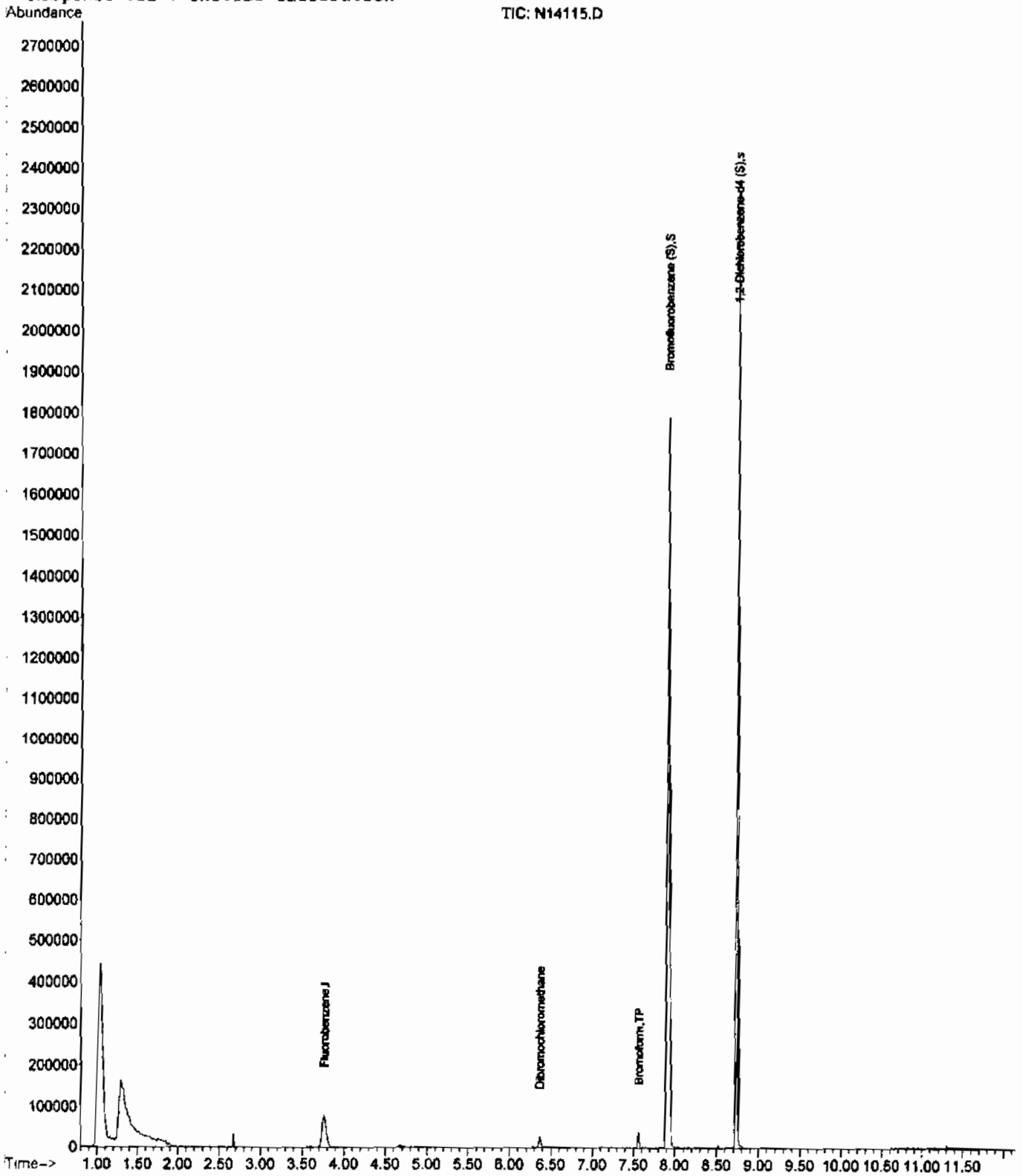
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	3.76	96	141832	1.00	ppb		0.01
System Monitoring Compounds							
6) Bromofluorobenzene (S)	7.90	176	533841	11.63	ppb		0.00
Spiked Amount 10.000			Recovery =	116.30%			
7) 1,2-Dichlorobenzene-d4 (S)	8.73	152	445131	11.49	ppb		0.00
Spiked Amount 10.000			Recovery =	114.90%			
Target Compounds							Qvalue
2) Tert-butyl alcohol	2.04	59	104855m	113.89	ug/L		
3) Diisopropyl Ether	2.18	45	224015	11.06	ug/L	#	79
4) Ethyl Tert-Butyl Ether	2.40	59	259501	11.93	ug/L	#	87
5) Tert-amyl Methyl Ether	3.45	73	210809	11.38	ug/L		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14115.D Vial: 17
Acq On : 17 Jun 2008 2:24 pm Operator: RLS
Sample : E806927-1 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:35 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14115.D Vial: 17
Acq On : 17 Jun 2008 2:24 pm Operator: RLS
Sample : E806927-1 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:35 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

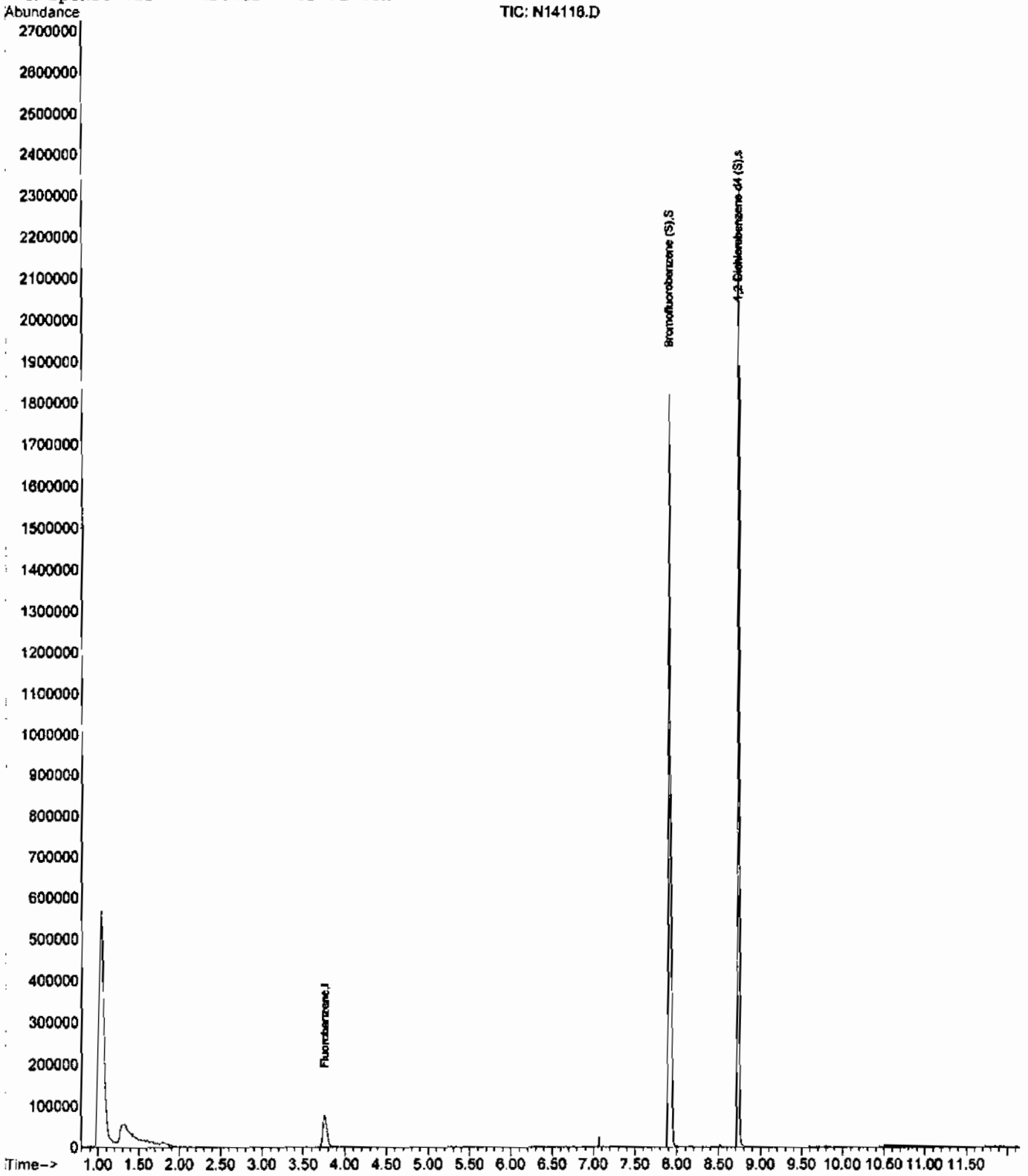
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	3.76	96	123727	1.00 ppb	0.01
System Monitoring Compounds					
31) Bromofluorobenzene (S)	7.90	176	503188	10.41 ppb	0.00
Spiked Amount 10.000			Recovery =	104.10%	
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	415893	10.07 ppb	0.00
Spiked Amount 10.000			Recovery =	100.70%	
Target Compounds					Qvalue
34) Dibromochloromethane	6.37	129	15622	1.65 ppb	82
41) Bromoform	7.56	173	14079	1.96 ppb	90

(#) = qualifier out of range (m) = manual integration
N14115.D 524TEST.M Mon Jul 21 16:14:37 2008 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14116.D Vial: 18
Acq On : 17 Jun 2008 2:43 pm Operator: RLS
Sample : E806927-2 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:36 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14116.D Vial: 18
Acq On : 17 Jun 2008 2:43 pm Operator: RLS
Sample : E806927-2 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:36 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	3.75	96	120049	1.00	ppb	0.01
System Monitoring Compounds						
31) Bromofluorobenzene (S)	7.90	176	503387	10.73	ppb	0.00
Spiked Amount 10.000			Recovery =	107.30%		
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	396624	9.90	ppb	0.00
Spiked Amount 10.000			Recovery =	99.00%		

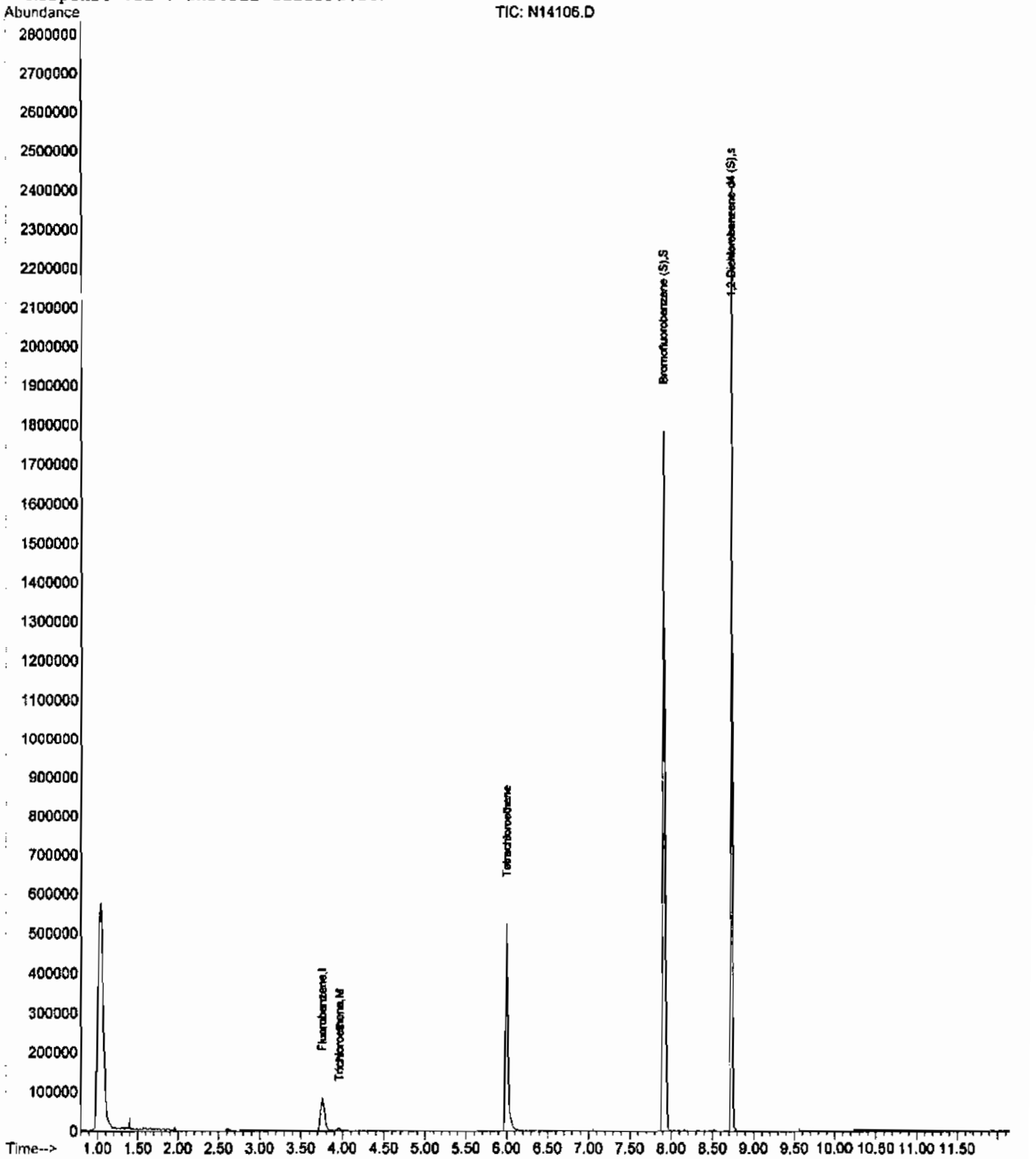
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14106.D Vial: 8
Acq On : 17 Jun 2008 11:33 am Operator: RLS
Sample : E806927-3 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 13:00 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14106.D Vial: 8
Acq On : 17 Jun 2008 11:33 am Operator: RLS
Sample : E806927-3 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 13:00 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

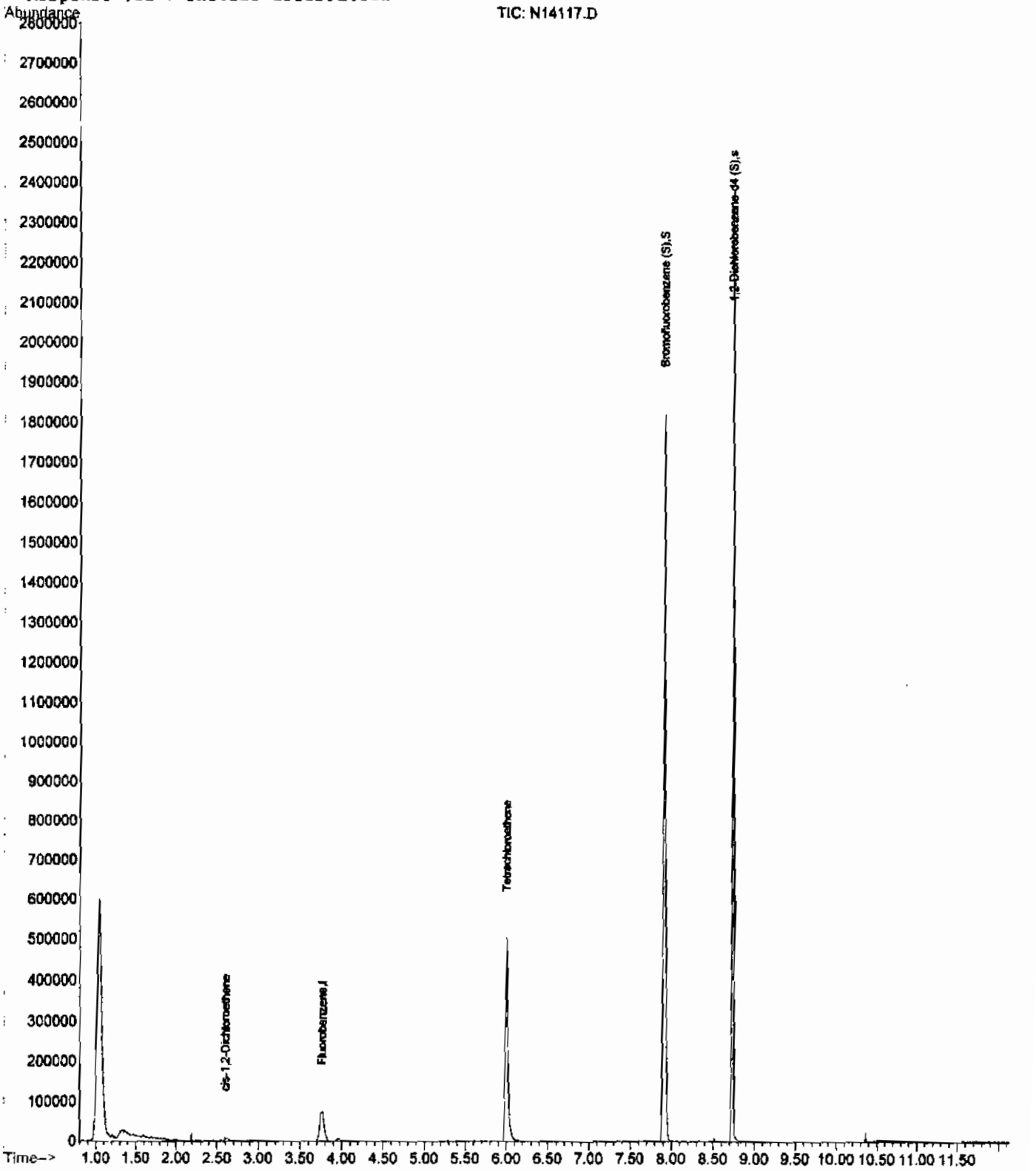
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	3.75	96	123434	1.00	ppb	0.01
System Monitoring Compounds						
31) Bromofluorobenzene (S)	7.90	176	505552	10.48	ppb	0.00
Spiked Amount 10.000			Recovery = 104.80%			
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	408581	9.92	ppb	0.00
Spiked Amount 10.000			Recovery = 99.20%			
Target Compounds						Qvalue
22) Trichloroethene	3.97	130	3983	0.55	ppb	# 58
33) Tetrachloroethene	6.00	164	137508	22.61	ppb	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14117.D Vial: 19
Acq On : 17 Jun 2008 3:02 pm Operator: RLS
Sample : E806927-4 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:40 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response Via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14117.D Vial: 19
Acq On : 17 Jun 2008 3:02 pm Operator: RLS
Sample : E806927-4 Inst : MS12
Misc : 524.2MA(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:40 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	3.76	96	125608	1.00	ppb	0.02
System Monitoring Compounds						
31) Bromofluorobenzene (S)	7.90	176	483119	9.84	ppb	0.00
Spiked Amount 10.000			Recovery = 98.40%			
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	405294	9.67	ppb	0.00
Spiked Amount 10.000			Recovery = 96.70%			
Target Compounds						Qvalue
14) cis-1,2-Dichloroethene	2.60	96	4450	0.59	ppb	# 71
33) Tetrachloroethene	6.00	164	136301	22.02	ppb	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14107.D Vial: 9
Acq On : 17 Jun 2008 11:52 am Operator: RLS
Sample : E806927-5 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 13:00 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14107.D Vial: 9
Acq On : 17 Jun 2008 11:52 am Operator: RLS
Sample : E806927-5 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 13:00 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

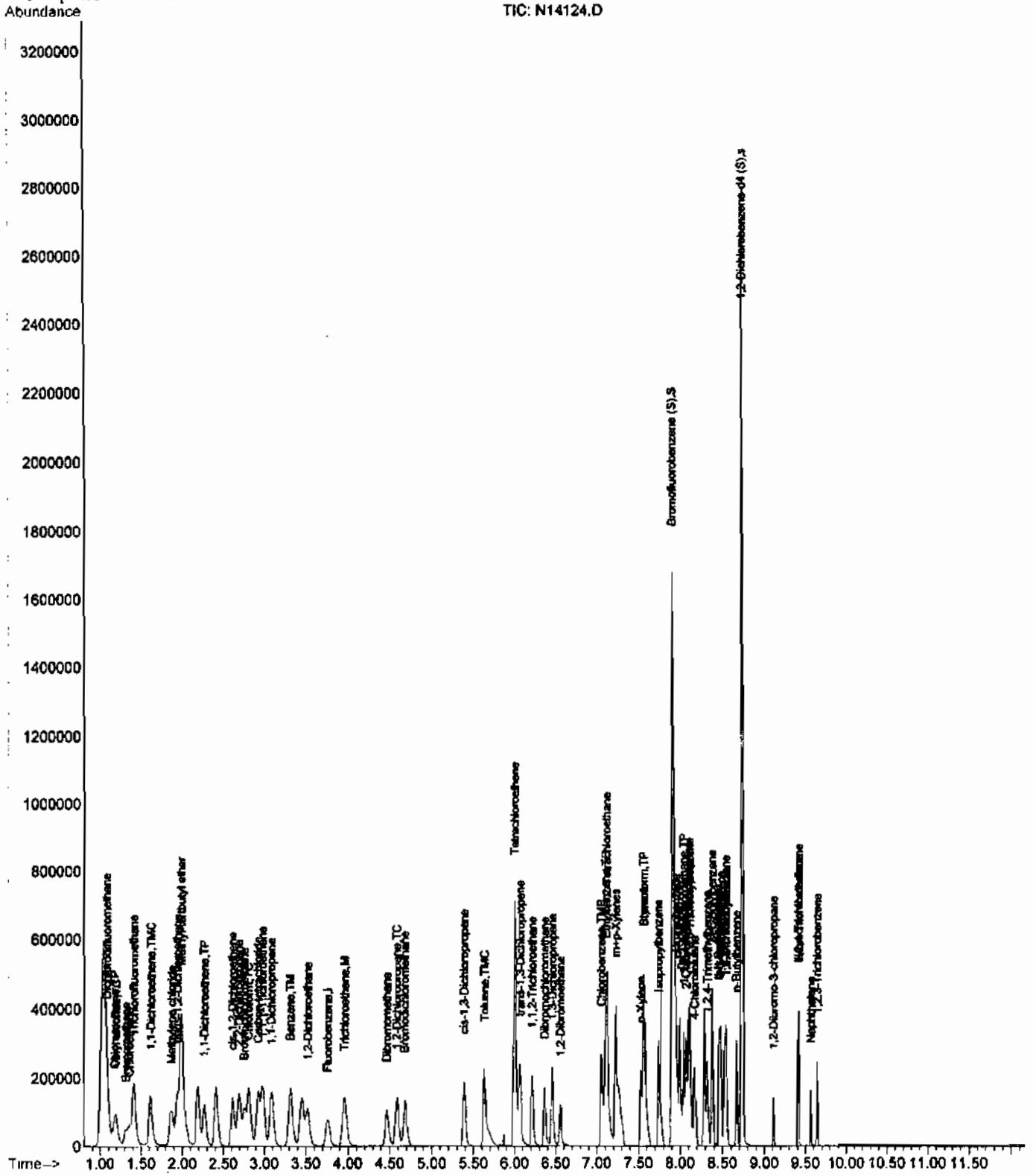
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	3.76	96	129751	1.00 ppb	0.02
System Monitoring Compounds					
31) Bromofluorobenzene (S)	7.90	176	491831	9.70 ppb	0.00
Spiked Amount 10.000			Recovery =	97.00%	
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	400189	9.24 ppb	0.00
Spiked Amount 10.000			Recovery =	92.40%	
Target Compounds					Qvalue

(#) = qualifier out of range (m) = manual integration
N14107.D 524TEST.M Mon Jul 21 16:14:03 2008

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14124.D Vial: 26
Acq On : 17 Jun 2008 5:15 pm Operator: RLS
Sample : E806927-3 MS Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 14:28 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14124.D Vial: 26
Acq On : 17 Jun 2008 5:15 pm Operator: RLS
Sample : E806927-3 MS Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 14:28 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Thu Jun 19 09:49:14 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

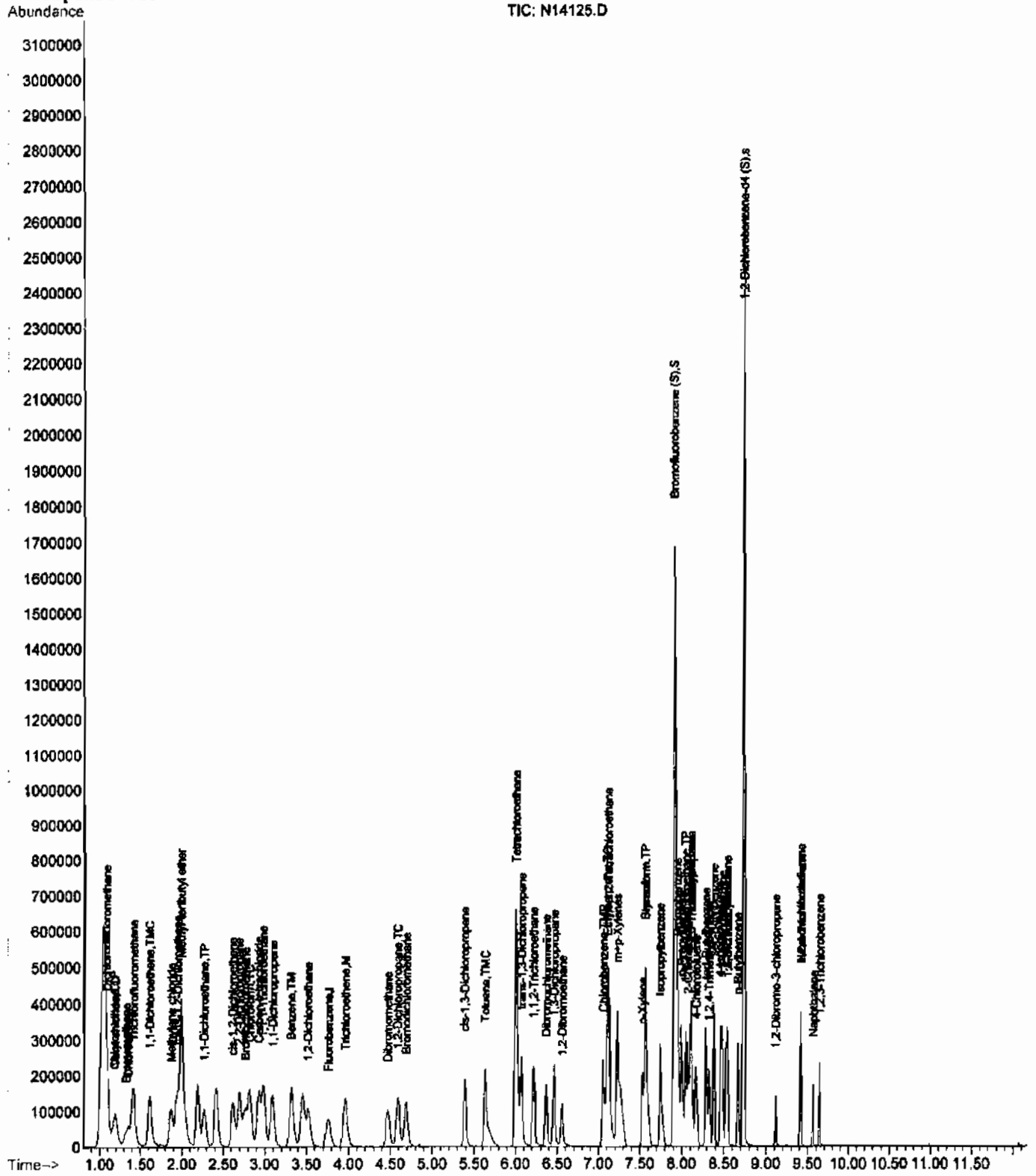
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	3.76	96	123050	1.00	ppb		0.00
System Monitoring Compounds							
31) Bromofluorobenzene (S)	7.91	176	554085	9.84	ppb		0.00
Spiked Amount 10.000			Recovery =	98.40%			
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	479355	9.89	ppb		0.00
Spiked Amount 10.000			Recovery =	98.90%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.09	85	131011	11.68	ppb		98
3) Chloromethane	1.17	50	94286	10.49	ppb		98
4) Vinyl chloride	1.20	62	88756	10.80	ppb		93
5) Bromomethane	1.32	94	55936	10.75	ppb	#	72
6) Chloroethane	1.36	64	52032	11.74	ppb		100
7) Trichlorofluoromethane	1.41	101	196114	11.74	ppb		99
8) 1,1-Dichloroethene	1.62	96	80861	11.78	ppb		85
9) Methylene chloride	1.88	84	81788	9.83	ppb		87
10) Methyl-tertbutyl ether	1.99	73	517963	19.32	ppb		99
11) trans-1,2-Dichloroethene	1.94	96	78111	10.17	ppb	#	63
12) 1,1-Dichloroethane	2.27	63	157784	11.07	ppb		93
13) 2,2-Dichloropropane	2.69	77	154757	11.08	ppb		90
14) cis-1,2-Dichloroethene	2.61	96	93933	11.40	ppb	#	56
15) Chloroform	2.82	83	182463	10.18	ppb		89
16) Bromochloromethane	2.77	128	47317	9.76	ppb		91
17) 1,1,1-Trichloroethane	2.98	97	176361	10.95	ppb		95
18) 1,1-Dichloropropene	3.09	75	123069	10.82	ppb		88
19) Carbon tetrachloride	2.93	117	172364	11.13	ppb		95
20) Benzene	3.31	78	242518	9.80	ppb		98
21) 1,2-Dichloroethane	3.52	62	161833	10.61	ppb		98
22) Trichloroethene	3.97	130	77674	10.16	ppb		92
23) 1,2-Dichloropropane	4.59	63	63234	10.30	ppb		99
24) Bromodichloromethane	4.69	83	138724	10.62	ppb		96
25) Dibromomethane	4.46	93	60916	9.77	ppb		98
26) cis-1,3-Dichloropropene	5.39	75	121621	10.35	ppb		82
27) Toluene	5.62	92	155499	10.33	ppb	#	85
28) trans-1,3-Dichloropropene	6.07	75	127407	9.77	ppb		82
29) 1,1,2-Trichloroethane	6.20	97	65925	10.26	ppb		86
30) 1,2-Dibromoethane	6.56	109	85536	10.22	ppb		92
32) 1,3-Dichloropropane	6.46	76	113548	9.55	ppb		98
33) Tetrachloroethene	6.00	164	203925	33.38	ppb		92
34) Dibromochloromethane	6.36	129	97896	9.67	ppb		92
35) Chlorobenzene	7.05	112	193403	10.16	ppb		93
36) 1,1,1,2-Tetrachloroethane	7.11	133	80226	10.19	ppb		97
37) Ethylbenzene	7.10	91	289350	9.80	ppb		95
38) m+p-Xylenes	7.22	91	210777	10.34	ppb		97
39) o-Xylene	7.53	91	213751	9.39	ppb		98
40) Styrene	7.56	104	142722	9.35	ppb		84
41) Bromoform	7.56	173	74336	9.32	ppb		95
42) Isopropylbenzene	7.74	105	235303	9.78	ppb		85
43) 1,1,2,2-Tetrachloroethane	8.04	83	86568	9.28	ppb		99
44) 1,2,3-Trichloropropane	8.10	110	36025	10.59	ppb		78
45) n-Propylbenzene	7.99	91	239321	9.24	ppb		97
46) Bromobenzene	7.96	156	81769	8.74	ppb	#	80
47) 2-Chlorotoluene	8.07	91	131756	6.81	ppb		98
48) 4-Chlorotoluene	8.17	91	158602	9.70	ppb		94
49) 1,3,5-Trimethylbenzene	8.12	105	124362	9.79	ppb		95
50) tert-Butylbenzene	8.46	134	31892	8.93	ppb	#	59
51) 1,2,4-Trimethylbenzene	8.32	105	109661	9.48	ppb		85
52) sec-Butylbenzene	8.38	105	236823	10.20	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14125.D Vial: 26
Acq On : 17 Jun 2008 5:34 pm Operator: RLS
Sample : E806927-3 MSD Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:58 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Jul 21 10:45:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14125.D Vial: 26
Acq On : 17 Jun 2008 5:34 pm Operator: RLS
Sample : E806927-3 MSD Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:58 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	3.77	96	135649	1.00	ppb		0.03
System Monitoring Compounds							
31) Bromofluorobenzene (S)	7.91	176	551694	10.41	ppb		0.01
Spiked Amount 10.000			Recovery =	104.10%			
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	462173	10.21	ppb		0.00
Spiked Amount 10.000			Recovery =	102.10%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.09	85	130488	11.04	ppb		84
3) Chloromethane	1.17	50	97187	9.75	ppb		90
4) Vinyl chloride	1.19	62	84762	10.23	ppb		99
5) Bromomethane	1.33	94	45551	9.84	ppb	#	79
6) Chloroethane	1.35	64	45655	10.11	ppb		83
7) Trichlorofluoromethane	1.42	101	189945	10.89	ppb		89
8) 1,1-Dichloroethene	1.62	96	77776	10.85	ppb	#	85
9) Methylene chloride	1.86	84	79421	9.29	ppb		89
10) Methyl-tertbutyl ether	1.99	73	515319	19.02	ppb		97
11) trans-1,2-Dichloroethene	1.94	96	82484	10.29	ppb	#	77
12) 1,1-Dichloroethane	2.27	63	145931	9.67	ppb		97
13) 2,2-Dichloropropane	2.69	77	149799	10.10	ppb		89
14) cis-1,2-Dichloroethene	2.61	96	84996	10.38	ppb	#	61
15) Chloroform	2.82	83	185722	10.55	ppb		93
16) Bromochloromethane	2.77	128	45427	9.08	ppb		96
17) 1,1,1-Trichloroethane	2.98	97	163740	10.85	ppb		92
18) 1,1-Dichloropropene	3.09	75	112119	9.80	ppb		85
19) Carbon tetrachloride	2.93	117	168417	10.61	ppb		97
20) Benzene	3.32	78	244348	10.00	ppb		95
21) 1,2-Dichloroethane	3.52	62	155798	10.18	ppb		91
22) Trichloroethene	3.95	130	89469	11.15	ppb		97
23) 1,2-Dichloropropane	4.59	63	56024	9.23	ppb		96
24) Bromodichloromethane	4.69	83	125618	9.88	ppb		94
25) Dibromomethane	4.47	93	65208	10.25	ppb		89
26) cis-1,3-Dichloropropene	5.39	75	113831	9.37	ppb		94
27) Toluene	5.63	92	140920	9.17	ppb		93
28) trans-1,3-Dichloropropene	6.07	75	128103	9.73	ppb		80
29) 1,1,2-Trichloroethane	6.21	97	66478	9.27	ppb		93
30) 1,2-Dibromoethane	6.56	109	80305	9.50	ppb		86
32) 1,3-Dichloropropane	6.46	76	116074	9.90	ppb		97
33) Tetrachloroethene	6.00	164	190505	28.57	ppb		97
34) Dibromochloromethane	6.36	129	97186	9.37	ppb		97
35) Chlorobenzene	7.05	112	185511	9.72	ppb		98
36) 1,1,1,2-Tetrachloroethane	7.11	133	79235	10.07	ppb		99
37) Ethylbenzene	7.10	91	279031	9.36	ppb		93
38) m+p-Xylenes	7.22	91	372480	18.54	ppb		99
39) o-Xylene	7.53	91	206994	9.36	ppb		89
40) Styrene	7.56	104	137829	9.20	ppb		88
41) Bromoform	7.56	173	71779	9.13	ppb		96
42) Isopropylbenzene	7.74	105	210291	8.83	ppb		93
43) 1,1,2,2-Tetrachloroethane	8.04	83	85314	9.27	ppb		96
44) 1,2,3-Trichloropropane	8.10	110	31683	9.24	ppb	#	71
45) n-Propylbenzene	7.99	91	238121	9.33	ppb		89
46) Bromobenzene	7.95	156	86004	9.55	ppb		93
47) 2-Chlorotoluene	8.07	91	179923m	9.39	ppb		
48) 4-Chlorotoluene	8.17	91	149893	9.31	ppb		100
49) 1,3,5-Trimethylbenzene	8.12	105	112054	9.56	ppb		98
50) tert-Butylbenzene	8.28	134	32906m	9.23	ppb		
51) 1,2,4-Trimethylbenzene	8.32	105	102279	9.29	ppb		94
52) sec-Butylbenzene	8.38	105	218714	9.60	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14125.D Vial: 26
Acq On : 17 Jun 2008 5:34 pm Operator: RLS
Sample : E806927-3 MSD Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 18 11:58 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	4-Isopropyltoluene	8.45	119	144118	9.30	ppb		93
54)	1,3-Dichlorobenzene	8.48	146	103376m	9.50	ppb		
55)	1,4-Dichlorobenzene	8.53	146	91994	8.83	ppb		97
56)	1,2,3-Trimethylbenzene	8.55	105	111609	9.45	ppb		90
57)	n-Butylbenzene	8.67	134	25404	9.30	ppb	#	83
59)	1,2-Dichlorobenzene	8.73	146	93677	8.79	ppb		87
60)	1,2-Dibromo-3-chloropropan	9.11	75	21501	9.48	ppb	#	70
61)	1,2,4-Trichlorobenzene	9.42	180	37397	9.18	ppb		99
62)	Hexachlorobutadiene	9.41	225	37123	9.54	ppb		90
63)	Naphthalene	9.57	128	74746	9.70	ppb		94
64)	1,2,3-Trichlorobenzene	9.64	180	36058	8.86	ppb		84

(#) = qualifier out of range (m) = manual integration

FORM 4
524.2 METHOD BLANK SUMMARY

VBLK0617

Project No.: E806927 Project: NY Drinking Water

Lab File ID: N14104.D Lab Sample ID: VBLK0617

Matrix: (soil/water) Water Date Analyzed: 06/17/08

Instrument ID: MS12 Date Extracted:

Time Analyzed: 1033

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E806927-1	L0808647-01-Di	N14115.D	06/17/08
02	E806927-2	L0808647-02-ST	N14116.D	06/17/08
03	E806927-3	L0808647-03-RW	N14106.D	06/17/08
04	E806927-4	L0808647-04-Du	N14117.D	06/17/08
05	E806927-5	L0808647-05-Tr	N14107.D	06/17/08
06	E806927-3 MS	E806927-3 MS	N14124.D	06/17/08
07	E806927-3 MS	E806927-3 MSD	N14125.D	06/17/08
08	VLCS617.2	VLCS617.2	N14129.D	06/17/08
09				
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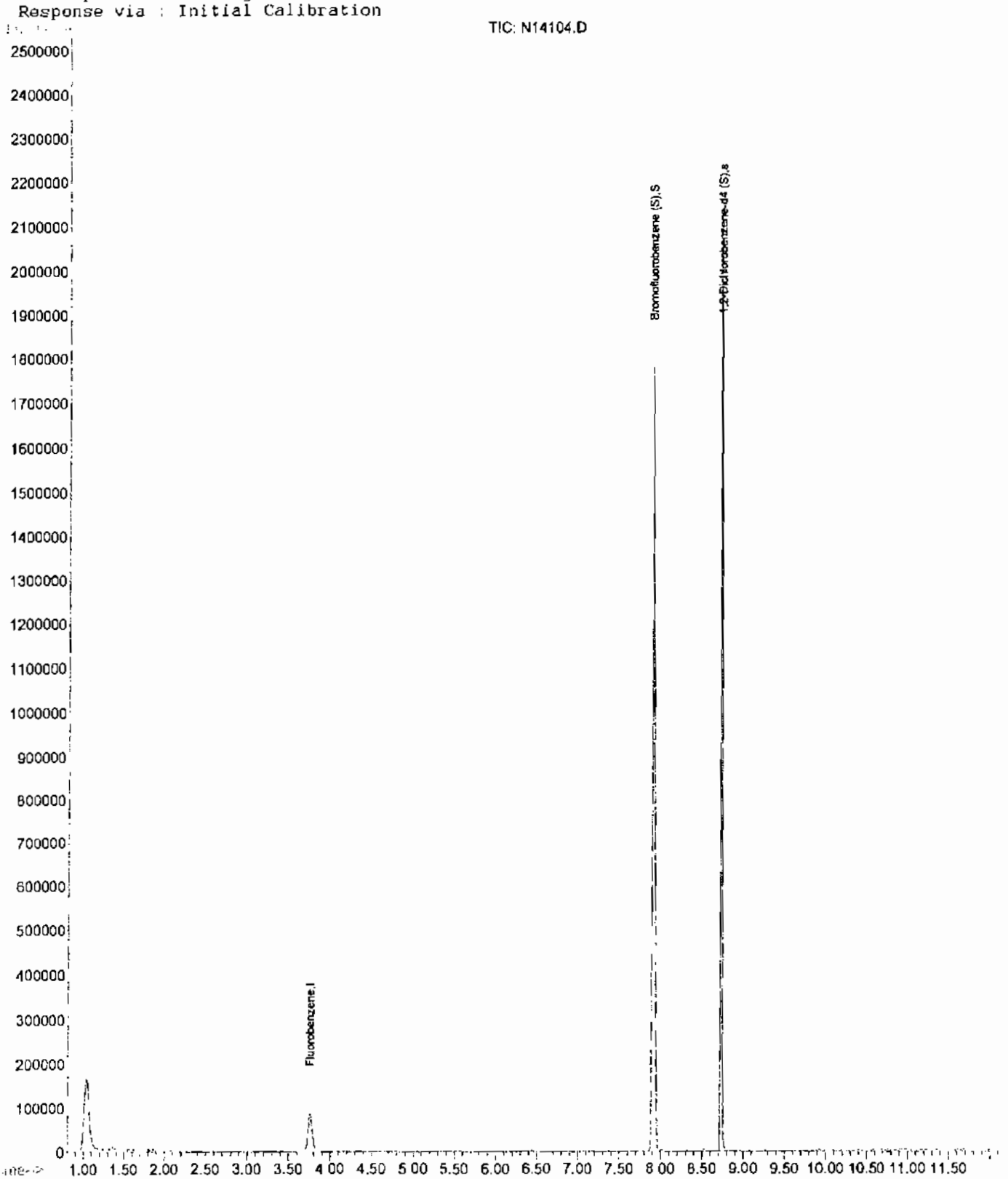
COMMENTS:

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061708\N14104.D Vial: 6
Acq On : 17 Jun 2008 10:33 am Operator: RLS
Sample : VBLK0617 Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 12:57 2008 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Mon Aug 25 13:47:45 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061708\N14104.D Vial: 6
Acq On : 17 Jun 2008 10:33 am Operator: RLS
Sample : VBLK0617 Inst : MS12
Misc : 524.2(DW) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 17 12:57 2008 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Tue Jun 17 12:28:25 2008
Response via : Initial Calibration
DataAcq Meth : 524TEST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	3.75	96	134417	1.00	ppb	0.01
System Monitoring Compounds						
31) Bromofluorobenzene (S)	7.90	176	513314	9.77	ppb	0.00
Spiked Amount 10.000			Recovery =	97.70%		
58) 1,2-Dichlorobenzene-d4 (S)	8.73	152	426701	9.51	ppb	0.00
Spiked Amount 10.000			Recovery =	95.10%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

FORM 7
524.2 CONTINUING CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date: 06/17/08 09:13

Lab File ID: N14101.D Init. Calib. Date(s): 06/16/08 06/16/08
Init. Calib. Time(s): 11:56 13:50

COMPOUND	$\overline{RF}$	RFCC	MIN RF	QUANT AMOUNT	CALLVL AMOUNT	CURVE TYPE	%D	MAX %D
Dichlorodifluoromethane	0.087	0.098		11.3	10.0	AVRG	12.9	
Chloromethane	0.063	0.069		9.3	10.0	LINR	6.9	
Vinyl chloride	0.061	0.063		10.3	10.0	AVRG	2.6	
Bromomethane	0.030	0.041		12.3	10.0	LINR	23.0	
Chloroethane	0.033	0.034		10.2	10.0	AVRG	1.9	
Trichlorofluoromethane	0.129	0.140		10.9	10.0	AVRG	9.2	
1,1-Dichloroethene	0.053	0.056		10.6	10.0	AVRG	5.9	
Methylene chloride	0.058	0.064		10.3	10.0	LINR	2.9	
trans-1,2-Dichloroethen	0.059	0.062		10.6	10.0	AVRG	5.9	
Methyl tert-butyl ether	0.200	0.210		10.5	10.0	AVRG	5.4	
1,1-Dichloroethane	0.111	0.120		10.8	10.0	AVRG	8.1	
cis-1,2-Dichloroethene	0.060	0.065		10.8	10.0	AVRG	8.3	
2,2-Dichloropropane	0.109	0.125		11.4	10.0	AVRG	14.2	
Bromochloromethane	0.037	0.038		10.2	10.0	AVRG	2.4	
Chloroform	0.130	0.145		11.2	10.0	AVRG	11.9	
Carbon tetrachloride	0.117	0.128		11.0	10.0	AVRG	9.5	
1,1,1-Trichloroethane	0.111	0.127		11.4	10.0	AVRG	14.4	
1,1-Dichloropropene	0.084	0.090		10.7	10.0	AVRG	6.8	
Benzene	0.180	0.194		10.8	10.0	AVRG	7.7	
1,2-Dichloroethane	0.113	0.125		11.0	10.0	AVRG	10.5	
Trichloroethene (TCE)	0.059	0.062		10.4	10.0	AVRG	4.0	
Dibromomethane	0.047	0.049		10.4	10.0	AVRG	4.0	
1,2-Dichloropropane	0.045	0.047		10.6	10.0	AVRG	6.0	
Bromodichloromethane	0.094	0.108		11.5	10.0	AVRG	14.9	
cis-1,3-Dichloropropene	0.090	0.097		10.8	10.0	AVRG	8.2	
Toluene	0.113	0.119		10.5	10.0	AVRG	4.9	
Tetrachloroethene (PCE)	0.049	0.053		10.7	10.0	LINR	7.2	
trans-1,3-Dichloroprope	0.097	0.104		10.7	10.0	AVRG	6.8	
1,1,2-Trichloroethane	0.053	0.054		10.3	10.0	AVRG	2.9	
Dibromochloromethane	0.076	0.079		10.3	10.0	AVRG	3.4	
1,3-Dichloropropane	0.086	0.096		11.0	10.0	AVRG	10.6	
1,2-Dibromoethane (EDB)	0.062	0.067		10.7	10.0	AVRG	6.9	
Chlorobenzene	0.141	0.145		10.3	10.0	AVRG	3.2	
Ethylbenzene	0.220	0.236		10.8	10.0	AVRG	7.7	
1,1,1,2-Tetrachloroetha	0.058	0.060		10.3	10.0	AVRG	2.7	
m,p-Xylenes	0.148	0.154		20.8	20.0	AVRG	3.9	
o-Xylene	0.163	0.172		10.6	10.0	AVRG	5.8	

FORM 7
524.2 CONTINUING CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E806927 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date: 06/17/08 09:13

Lab File ID: N14101.D Init. Calib. Date(s): 06/16/08 06/16/08
Init. Calib. Time(s): 11:56 13:50

COMPOUND	$\overline{RF}$	RFCC	MIN RF	QUANT AMOUNT	CALLVL AMOUNT	CURVE TYPE	%D	MAX %D
Bromoform	0.058	0.055		9.4	10.0	AVRG	5.6	
Styrene	0.110	0.115		10.4	10.0	AVRG	3.9	
Isopropylbenzene	0.176	0.183		10.4	10.0	AVRG	4.0	
Bromofluorobenzene	0.391	0.433		11.1	10.0	AVRG	10.8	
Bromobenzene	0.066	0.071		10.7	10.0	AVRG	6.7	
n-Propylbenzene	0.188	0.196		10.4	10.0	AVRG	4.2	
1,1,2,2-Tetrachloroetha	0.068	0.069		10.2	10.0	AVRG	1.7	
2-Chlorotoluene	0.141	0.155		11.0	10.0	AVRG	9.9	
1,2,3-Trichloropropane	0.025	0.024		9.5	10.0	AVRG	4.9	
1,3,5-Trimethylbenzene	0.086	0.097		11.2	10.0	AVRG	11.8	
4-Chlorotoluene	0.119	0.133		11.2	10.0	AVRG	12.1	
tert-Butylbenzene	0.026	0.027		10.3	10.0	AVRG	3.1	
1,2,4-Trimethylbenzene	0.081	0.091		11.2	10.0	AVRG	12.1	
sec-Butylbenzene	0.168	0.181		10.8	10.0	AVRG	8.0	
4-Isopropyltoluene	0.114	0.122		10.7	10.0	AVRG	6.7	
1,3-Dichlorobenzene	0.080	0.084		10.5	10.0	AVRG	4.6	
1,4-Dichlorobenzene	0.077	0.081		10.6	10.0	AVRG	5.7	
1,2,3-Trimethylbenzene	0.086	0.089		10.2	10.0	LINR	2.4	
n-Butylbenzene	0.020	0.021		10.4	10.0	AVRG	4.2	
1,2-Dichlorobenzene	0.078	0.086		10.9	10.0	AVRG	8.9	
1,2-Dichlorobenzene-d4	0.334	0.369		11.1	10.0	AVRG	10.7	
1,2-Dibromo-3-chloropro	0.016	0.018		10.8	10.0	LINR	8.1	
Hexachlorobutadiene	0.029	0.028		9.7	10.0	AVRG	3.3	
1,2,4-Trichlorobenzene	0.030	0.030		10.1	10.0	AVRG	1.2	
Naphthalene	0.057	0.057		10.0	10.0	AVRG	0.2	
1,2,3-Trichlorobenzene	0.030	0.027		9.0	10.0	AVRG	9.7	

AVG DIFF: 6.8