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

# LETTER OF TRANSMITTAL

| Date: 4-Mar-08 | Job No. 27001 |
|---|---|
| Attention: **Carl Hoffman** | |
| Re: **NYSDEC Site ID# 3-60-007**<br>**Katonah Municipal Well, Town of Bedford, Westchester County, NY** | |

**TO:**

**NYSDEC**
**625 Broadway**
**Albany, NY 12233**

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

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Qualifications ☐ Specifications

☐ Copy of Letter ☐ Report ☐ _____

| COPIES | DATE | NO. | |
|---|---|---|---|
| 1 | | | 4th Quarter Monitoring Report |
| | | | |
| | | | |
| | | | |
| | | | |

THESE ARE TRANSMITTED AS INDICATED BELOW:

☐ For Approval ☐ Approved as submitted ☐ Resubmit _____ Copies for Approval

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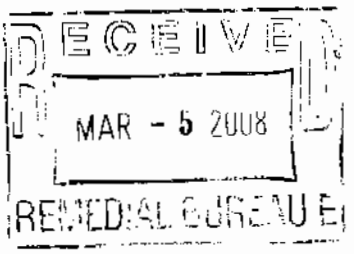
☐ For review & comment

**REMARKS**

CC: Ken Caffrey, James Hahn, William Nixon, Paul Kutzy, Damian Duda




**COPY TO** D. Frank., S. Cherepany

S. McKeown

ENVIRONMENTAL
PLANNING &
MANAGEMENT, INC.

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

February 18th, 2008

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the end of the 4th quarter of 2007 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,

Darren Frank
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
# DECEMBER - 2007
# KATONAH MUNICIPAL WELLS
# TOWN OF BEDFORD
# WESTCHESTER, NEW YORK
# NYSDEC SITE ID # 3-60-007

**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 4th quarter of 2007. Sampling of the remedial system was conducted on December 20th, 2007.

## 2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on December 20th, 2007. 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 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. 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 raw water (untreated) sample, RW, at a concentration of 26.0ug/l (ppb), exceeding the NYSDOH drinking water standard for that compound. Trichloroethene was also found in sample, RW, at a concentration of 0.69ppb, which is below the NYSDOH drinking water standard for that compound.

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

Four VOCs, Bromoform, Chloroform, Dibromochloromethane and Bromodichloromethane were found in the distribution water sample, DIST, at concentrations of 11.0ppb, 2.1ppb, 9.6ppb and 5.0ppb respectively. These values are well below the NYSDOH drinking water standards.

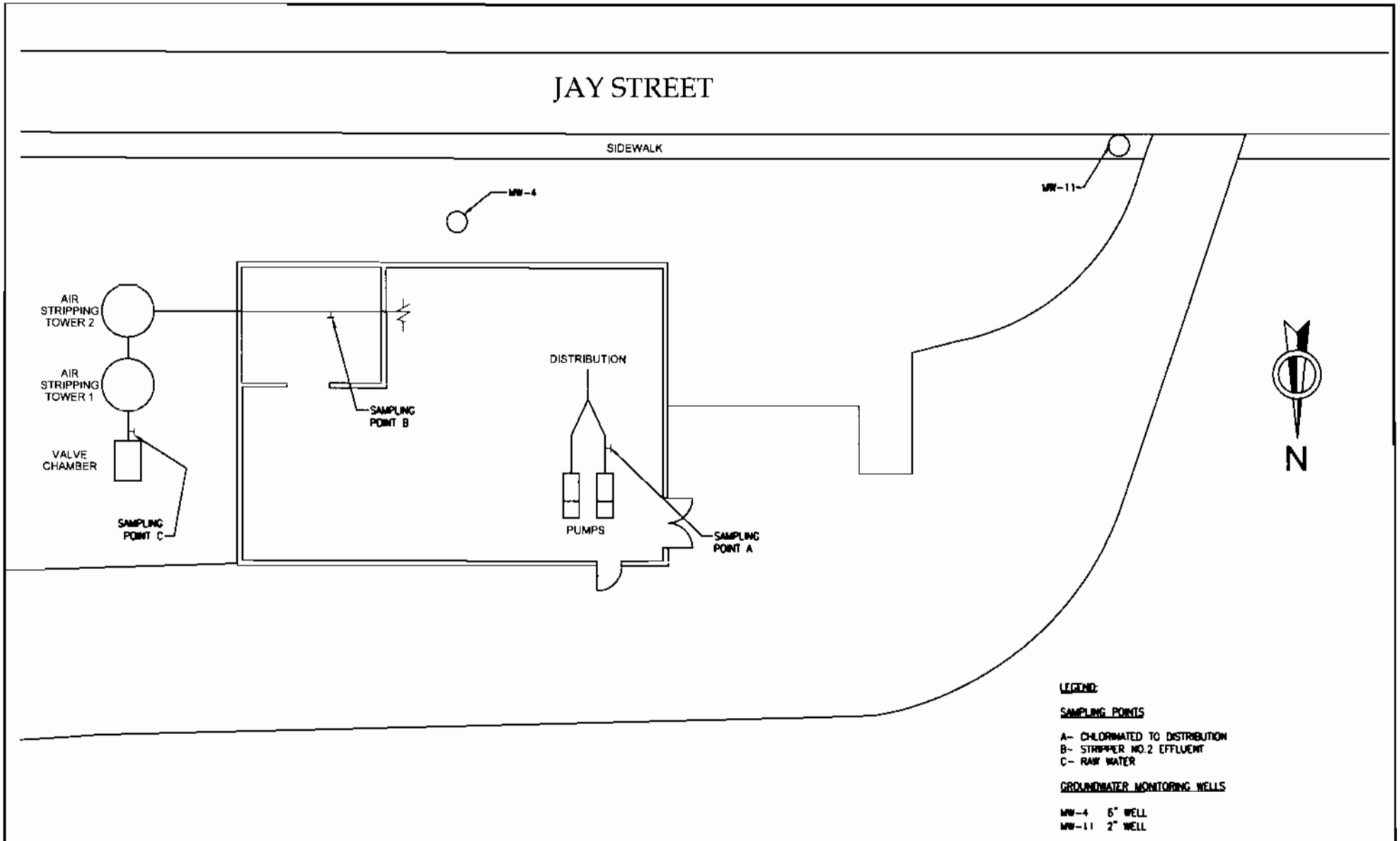
No VOCs, were detected in the trip blank water sample, TB.

Analytical results found in the sample identified as DUP, a duplicate of the Raw Water sample (RW), and RW sample are similar.

Monitoring wells 4 and 11 (W4 and W11) were not analyzed for VOC's.

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 the changes in the detectable concentration values discussed above.

The PCE concentration in the Influent (raw water) has decreased over 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.




PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC
1983 MARCUS AVENUE
SUITE 100
LAKE SUCCESS, NEW YORK 11042

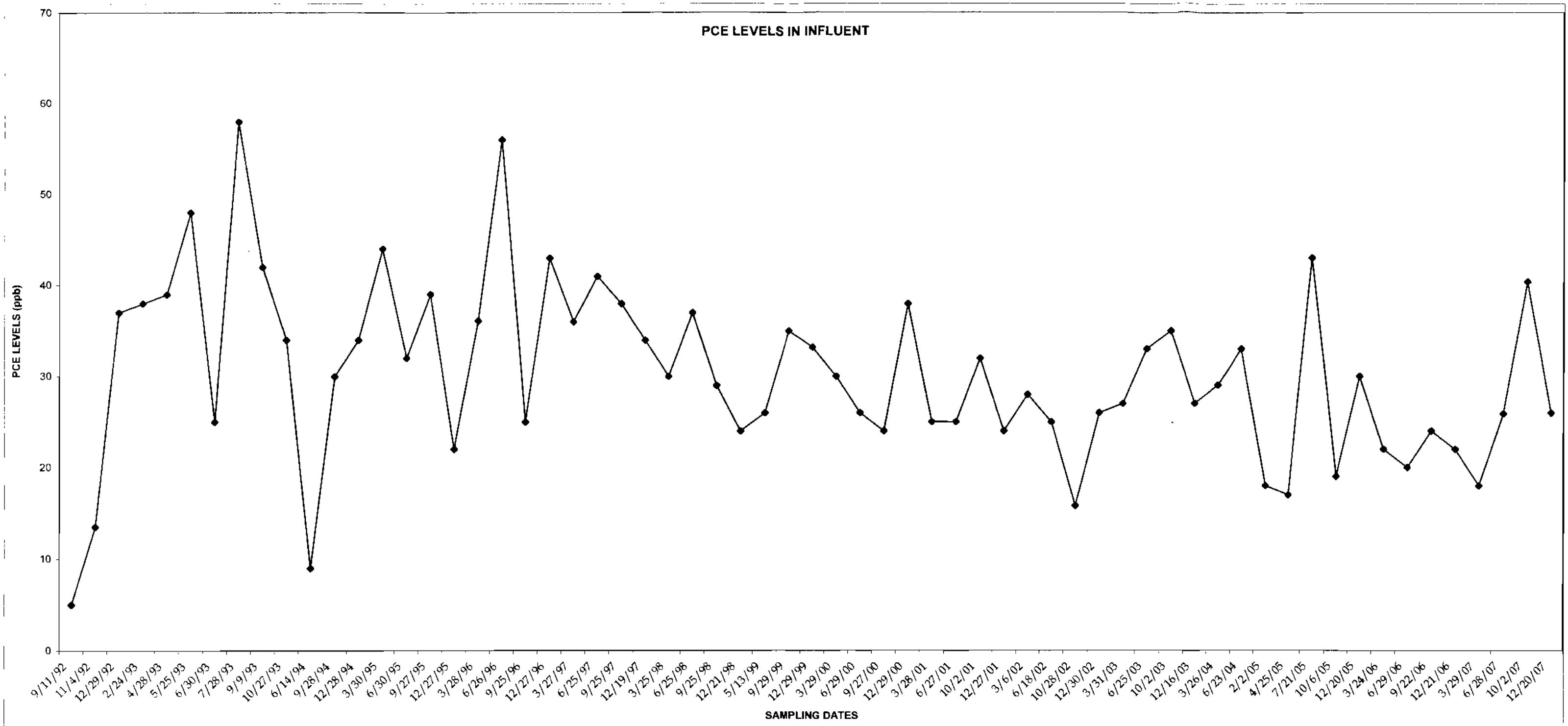
| | | | |
|---|---|---|---|
| DRAWN BY: AMR | DATE: | CLIENT: KATONAH MUNICIPAL WATER SYSTEM | TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC |
| CHECKED BY: FP | FILENAME: KATONAH | | PROJECT LOCATION: KATONAH MUNICIPAL WATER SYSTEM KATONAH, NEW YORK |
| APPR'VD BY: ASG | SCALE: NOT TO SCALE | | FIG. 1 |
| PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS | | | SHEET 1 OF 1 |

**Table 1 - SUMMARY OF QUARTERLY VOC RESULTS**
**KATONAH MUNICIPAL WELL**

| Date Collected | 12/20/2007 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **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** | 26 | 24 | < 0.5 U | < 0.5 U | NR | NR | NR | 5/1* |
| **Trichloroethene** | 0.69 | 0.66 | < 0.5 U | < 0.5 U | NR | NR | NR | 5 |
| **cis-1,2-Dichloroethene** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | NR | NR | NR | 5 |
| **Methylene Chloride** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | NR | NR | NR | 5 |
| **Bromoform** | < 0.5 U | < 0.5 U | < 0.5 U | 11 | NR | NR | NR | 50 |
| **Chloroform** | < 0.5 U | < 0.5 U | < 0.5 U | 2.1 | NR | NR | NR | 7 |
| **Dibromochloromethane** | < 0.5 U | < 0.5 U | < 0.5 U | 9.6 | NR | NR | NR | 50 |
| **Bromodichloromethane** | < 0.5 U | < 0.5 U | < 0.5 U | 5.0 | 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 unusable following data validation
NS No standard
B Denotes Detection in the Field Blank as well
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
4/28/93
5/25/93
6/30/93
7/28/93
9/9/93
10/27/93
6/14/94
9/28/94
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12/16/03
3/26/04
6/23/04
2/2/05
4/25/05
7/21/05
10/16/05
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
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 first quarterly event for year seventeen, is tentatively scheduled for the end of March 2008.

# APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report – December 2007

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, Lathom, New York 12110-0727
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

February 11, 2008

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

*Re: Data Validation – Katonah – 4th Quarter 2007 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 assoeiation with the field investigation for the Katonah 4th Quarter 2007 Water Sampling. Three (3) water samples were collected on December 20, 2007. 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 in Westborough, Massachusetts which subcontracted with Premier Laboratory, Inc. (Premier) in Dayville, Connecticut for volatile organic analysis (VOA) by the United States Environmental Protection Agency (USEPA) Method 524.2 by Gas Chromatography / Mass Spectrometry (GC/MS).

C. T. Male Associates, P. C. evaluated the data reported by thc laboratory to dctermine 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., instrumcnt 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. Therc were no discrepancies found between the raw data and summary forms. The laboratory Casc Narrative (Attachment A) idcntified deviations from laboratory analytical specifications. QC exceedences and data qualification recommendations are presentcd in the Data Evaluation Checklist (Attachment B). Qualificd sample results are presented in the laboratory summary forms, which are located in Attachment C. QC exeeedences and data qualification recommendations are summarized helow.

## 2.0 Sample Condition Upon Receipt

Premier received all the samples listed on the ehain of custody (COC) records intact and in good condition. The temperature of samples was below laboratory specification limits of 2 to 6°C upon receipt. However, qualification of the samples was not warranted as the sample integrity remained intact.

## 3.0 VOA by USEPA Method 524.2 GC/MS

### 3.1 Holding Times

The project samples were analyzed within the aeceptable NYSDEC ASP holding time of 10 days from Verified Time of Sample Reeeipt (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 calibration assoeiated 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 calibration. Thc percent relative standard deviation (%RSD) between RRF was less than or equal to 30% during the initial ealibration for target analytes.

### 3.3 Surrogate Reeovery and Internal Standards

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

### 3.4 Laboratory Control Sample (LCS)

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

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

Criteria for aceuracy and precision were met during the MS/MSD analysis of sample RW for target analytes.

### 3.6 Method Blanks and Trip Blanks

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 thc blanks associated with the project samples.

### 3.7 Field Duplicates

A field duplicate evaluation was pcrformed on samples DUP (blind field duplicate) and RW. Refer to Attachment B-1 for thc duplicate evaluation. Criteria for prccision was achieved for the detected target analytes.

**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 eontact me at (518) 786-7400.

Sincerely,

C. T. MALE ASSOCIATES, P. C.

Megan Drosky

Megan Drosky
Environmental Scientist

Enclosures

# ATTACHMENT A
## Case Narrative

Premier
Laboratory, Inc

61 Louisa Viens Drive
Dayville, CT 06241
FAX. 860-774-2689
860-774-6814 800-932-1150

Report No: E712D62
Client: Alpha Analytical
Project: NY Drinking Water

# CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory, Inc received five samples from Alpha Analytical on 12/26/2007. The samples were analyzed from the following list of analyses:

Volatiles by 524.2 in DW
524.2

The recovery for Methyl-tertbutyl Ether in the QCS was above quality control limits. There were no detects in the associated samples.

**Variances:**

**SDG:**

None reported.

**Method:**

None reported.

QA/QC:

Sample 3, L0719058-03 RW, Volatiles by 524.2 : Several compound recoveries for the matrix spike/ matrix spike duplicate were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

# ATTACHMENT B
# Data Evaluation Checklist

# Data Evaluation Checklist
## Organic and Inorganic Analyses

Project: Environmental Planning and Management – Katonah
Job No.: E712D62
Laboratory: Premier Laboratory, Inc.

Reviewer: Megan Drosky

Project No: 07.7690
Method: USEPA 524.2 (VOA)
Associated Sample IDs: DIST, STEFF, RW, DUP and Trip Blank
Sample Date: 12/20/07
Date: 02/11/08

| 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 requiremeuts met? | | ✓ | | 1.0°C (2-6°C). No action warranted as samples remained in tact. | |
| 3. Was a method blank analyzed with each batch? | ✓ | | | • VOA: VBLK1227.2 | |
| 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<br>o Initial calibration: 12/27/07 | |
| 8. Were these results within lab or project specifications? | ✓ | | | | |
| 9. Were the resnlts 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 reeoveries within 70-130% of the true value during the CRDL analysis (CRA, CRI)? | | | ✓ | | |
| 12. Was a LCS analyzed with each batch? | ✓ | | | • VOA: VLCS1023 | |
| 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: RW | |
| 16. Is the MS/MSD parent sample a project-specific sample? | ✓ | | | | |
| 17. Were MS/MSD reeoveries within lab specifications? *Only QC results for project samples are evaluated.* | | ✓ | | RW:<br>• 1,1-Dichloroethene @137 and 126%R (70-130). No action warranted as the MSD was within | |

# Data Evaluation Checklist (Continued)

| Review Questions | Yes | No | N/A | Samples (Analytes) Affected/Comments | Flag |
|---|---|---|---|---|---|
| | | | | specifications.<br>• Bromomethane @146 and 127%R (70-130). No action warranted as the MSD was within specifications.<br>• Chloroethane @144 and 114%R (70-130). No action warranted as the MSD was within specifications.<br>• Dichlorodifluoromethane @147 and 128%R (70-130). No action warranted as the MSD was within specifications.<br>• Isopropylbenzene @132 and 119%R (70-130). No action warranted as the MSD was within specifications.<br>• MTBE @154 and 141%R (70-130). No action warranted as the analyte was ND in the project sample.<br>• Tetrachloroethene @138 and 103%R (70-130). No action warranted as the MSD was within specifications.<br>• Trichlorofluoromethene @153 and 121%R (70-130). No action warranted as the MSD was within specifications. | |
| 18. Were MS/MSD RPD within lab specifications? *Only QC results for project samples are evaluated.* | ✓ | | | | |
| 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 B-1 for duplicate evaluation. | |
| 30. Were laboratory-generated 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 EPA Region 2 Data Validation Guidelines for unusable data and 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).

**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 B-1**

| Analyte | RW | DUP | MDL | MDLx5 | *Criteria* | RPD | Absolute differenee | Action |
|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 26 | 24 | 0.5 | 0.455 | *RPD* | 6 | 0.1 | None, RPD <20% |
| Trichloroethene | 0.69 | 0.66 | 0.5 | 0.9 | *AbsDiff* | 3 | 0.1 | None, absolute difference <MDL |

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 absolnte 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 C
## Qualified Sample Results

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 1

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-01 DIST

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10046.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 | 5.0 | 0.50 |
| 75-25-2 | Bromoform | 11 | 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 | 2.1 | 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 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 0.50 |
| 124-48-1 | Dibromochloromethane | 9.6 | 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 1 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-01 DIST

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10046.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | 100% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 2

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-02 STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10047.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 2 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-02 STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10047.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | Tetrachloroetheue (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-Trichlorohenzene | 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 | 99% | 80%-120% |
| 1,2-Dichlorohenzene-d4 | 101% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 3

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10048.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 3 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10048.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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) | 26 | 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) | 0.69 | 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 | 106% | 80%-120% |

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No. E712D62
PL Sample No: 6

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-04 DUP

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10049.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 6 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-04 DUP

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10049.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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) | 24 | 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) | 0.66 | 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 | 101% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 7

Date Collected: 12/18/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-05 TRIP BLANK

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10050.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 71-43-2 | Benzene | ND | 0.50 |
| 108-86-1 | Bromobenzene | ND | 0.50 |
| 74-97-5 | Bromochlorometbane | 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-Bntylbenzene | ND | 0.50 |
| 98-06-6 | tert-Butylbenzene | ND | 0.50 |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 |
| 108-90-7 | Cblorobenzene | 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 |
| 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-Dichlorobenzeue | ND | 0.50 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 0.50 |
| 106-46-7 | 1,4-Dicblorobenzene | ND | 0.50 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.50 |
| 75-34-3 | 1,1-Dicbloroethane | 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methyleue chloride | ND | 0.50 |

mple results have been qualified by C. T. Male Associates, P.C., based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 7 (continued)

Date Collected: 12/18/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-05 TRIP BLANK

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10050.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | 102% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

...ple results have been qualified in C...t Male Associates P... based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

# APPENDIX B
# LABORATORY ANALYSIS SUMMARY REPORT

Premier
Laboratory, Inc

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6614 800-932-1150

# ANALYTICAL DATA REPORT

Report Number: E712D62
Project: NY Drinking Water

prepared for:

Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

Attn: P. Henrikson

Received Date: 12/26/2007
Report Date: 2/4/2008

Premier Laboratory, LLC
Authorized Signature

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

Premier
Laboratory, Inc

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

Report No: E712D62
Client: Alpha Analytical
Projeet: NY Drinking Water

## CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory, Inc received five samples from Alpha Analytical on 12/26/2007. The samples were analyzed from the following list of analyses:

Volatiles by 524.2 in DW
524.2

The recovery for Methyl-tertbutyl Ether in the QCS was above quality control limits. There were no detects in the associated samples.

**Variances:**

**SDG:**

None reported.

**Method:**

None reported.

**QA/QC:**

Sample 3, L0719058-03 RW, Volatiles by 524.2 : Several compound recoverics for the matrix spike/ matrix spike duplicate were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

# CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 12/21/07

ALPHA Job #: L0719058


ALPHA ANALYTICAL

WESTBORO, MA TEL 508-898-9220 FAX 508-898-9193

MANSFIELD, MA TEL 508-822-9300 FAX 508 822-3288


## Client Information

Client: Environmental Planning & Mgmt

Address: 6183 Marcus Ave Suite 109 L Success NY 11042

Phone: 516-328-1194

Fax: 516 328-1381

Email: dfrank@epm-llc.com

☐ These samples have been previously analyzed by Alpha

## Project Information

Project Name: Katonah Q4

Project Location: Katonah, NY

Project #: 27001

Project Manager: Darren Frank

ALPHA Quote #:

## Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: 1/2/08 Time:

Other Project Specific Requirements/Comments/Detection Limits:

Observe NYASP Holding time

7 days to Analysis

## Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

## Billing Information

☒ Same as Client info PO #: 27001

## Regulatory Requirements/Report Limits

State /Fed Program: NYASP Criteria: CAT B 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?

ANALYSIS: VOC 524.2, VOC 524.2

**SAMPLE HANDLING**

*Filtration*
☐ Done
☒ Not needed
☐ Lab to do

*Preservation*
☐ Lab to do

(Please specify below)

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TOTAL # BOTTLES | Sample Specific Comments |
|---|---|---|---|---|---|---|---|
| 19058-01 | DIST | 12/20/07 | 9:40 | W | DF | 2 | |
| -02 | STEFF | 12/20/07 | 9:45 | W | DF | 3 | |
| -03 | RW | 12/20/07 | 10:00 | W | DF | 3 | |
| -03-04 | RW/MSMSD | 12/20/07 | 10:05 | W | DF | 3 | |
| -04 | DUP | 12/20/07 | — | W | DF | 3 | |
| -05 | TRIP BLANK | 12/19/07 | 12:40 | W | SUR | 2 | |

| | | |
|---|---|---|
| Container Type | V | V |
| Preservative | ICE | HCL Ascorbic Acid/EE |

**PLEASE ANSWER QUESTIONS ABOVE!**

IS YOUR PROJECT MA MCP or CT RCP?

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| Darren Frank (Client) | 12/21/07 920 | K. Osborn | 12/21/07 920 |
| K. Osborn 12/21 FED EX | 12/21/07 1330 | T. Fay | 12/21/07 1330 |

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)

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 1

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-01 DIST

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10046.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 | 5.0 | 0.50 |
| 75-25-2 | Bromoform | 11 | 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 | 2.1 | 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 |
| 96-12-8 | 1,2-Dibromo-3-ehloropropane (DBCP) | ND | 0.50 |
| 124-48-1 | Dibromochloromethane | 9.6 | 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-Diehlorobenzene | 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-Diehloropropene | ND | 0.50 |
| 10061-01-5 | cis-1,3-Diehloropropene | ND | 0.50 |
| 10061-02-6 | trans-1,3-Diehloropropene | 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 1 (continued)

Date Colleeted: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Bateh#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-01 DIST

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10046.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | 100% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 2

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-02 STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10047.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 2 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-02 STEFF

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Faetor: 1
Soil Extraet Volume:
Lab Data File: N10047.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | Triehloroethene (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 ehloride | ND | 0.50 |
| 1330-20-7 | Xylenes (total) | ND | 0.50 |

| Surrogate | Recovery | Limits |
|---|---|---|
| Bromofluorobenzene | 99% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 101% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 3

Date Collected: 12/20/2007
Date Reeeived: 12/26/2007
Date Extraeted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10048.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 tetraehloride | 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 |
| 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-Diehloroethane | ND | 0.50 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 |
| 75-35-4 | 1,1-Diehlorocthene | ND | 0.50 |
| 156-59-2 | cis-1,2-Dichlorocthene | 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-Diehloropropane | 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0 50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 3 (eontinued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extraeted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Deseription: L0719058-03 RW

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10048.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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) | 26 | 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-Triehlorobenzene | 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) | 0.69 | 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 | Reeovery | Limits |
|---|---|---|
| Bromofluorobenzene | 104% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 106% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 4

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW MS

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10051.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 71-43-2 | Benzene | 12 | 0.50 |
| 108-86-1 | Bromobenzene | 12 | 0.50 |
| 74-97-5 | Bromochloromethane | 12 | 0.50 |
| 75-27-4 | Bromodichloromethane | 12 | 0.50 |
| 75-25-2 | Bromoform | 11 | 0.50 |
| 74-83-9 | Bromomethane | 15 | 0.50 |
| 104-51-8 | n-Butylbenzene | 12 | 0.50 |
| 135-98-8 | sec-Butylbenzene | 12 | 0.50 |
| 98-06-6 | tert-Butylbenzene | 13 | 0.50 |
| 56-23-5 | Carbon tetrachloride | 13 | 0.50 |
| 108-90-7 | Chlorobenzene | 12 | 0.50 |
| 75-00-3 | Chloroethane | 14 | 0.50 |
| 67-66-3 | Chloroform | 12 | 0.50 |
| 74-87-3 | Chloromethane | 12 | 0.50 |
| 95-49-8 | 2-Chlorotoluene | 11 | 0.50 |
| 106-43-4 | 4-Chlorotoluene | 12 | 0.50 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane (DBCP) | 12 | 0.50 |
| 124-48-1 | Dibromochloromethane | 11 | 0.50 |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 12 | 0.50 |
| 74-95-3 | Dibromomethane | 12 | 0.50 |
| 95-50-1 | 1,2-Dichlorobenzene | 12 | 0.50 |
| 541-73-1 | 1,3-Dichlorobenzene | 12 | 0.50 |
| 106-46-7 | 1,4-Dichlorobenzene | 11 | 0.50 |
| 75-71-8 | Dichlorodifluoromethane | 15 | 0.50 |
| 75-34-3 | 1,1-Dichloroethane | 12 | 0.50 |
| 107-06-2 | 1,2-Dichloroethane | 12 | 0.50 |
| 75-35-4 | 1,1-Dichloroethene | 14 | 0.50 |
| 156-59-2 | cis-1,2-Dichloroethene | 12 | 0.50 |
| 156-60-5 | trans-1,2-Dichloroethene | 12 | 0.50 |
| 78-87-5 | 1,2-Dichloropropane | 12 | 0.50 |
| 142-28-9 | 1,3-Dichloropropane | 12 | 0.50 |
| 590-20-7 | 2,2-Dichloropropane | 12 | 0.50 |
| 563-58-6 | 1,1-Dichloropropene | 13 | 0.50 |
| 10061-01-5 | cis-1,3-Dichloropropene | 12 | 0.50 |
| 10061-02-6 | trans-1,3-Dichloropropene | 11 | 0.50 |
| 100-41-4 | Ethylbenzene | 12 | 0.50 |
| 87-68-3 | Hexachlorobutadiene | 13 | 0.50 |
| 98-82-8 | Isopropylbenzene | 13 | 0.50 |
| 99-87-6 | 4-Isopropyltoluene | 12 | 0.50 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | 15 | 0.50 |
| 75-09-2 | Methylene chloride | 12 | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 4 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW MS

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10051.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | 11 | 0.50 |
| 103-65-1 | n-Propylbenzene | 13 | 0.50 |
| 100-42-5 | Styrene | 12 | 0.50 |
| 96-18-4 | 1,2,3-Trichloropropane | 12 | 0.50 |
| 526-73-8 | 1,2,3-Trimethylbenzene | 12 | 0.50 |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 12 | 0.50 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 12 | 0.50 |
| 127-18-4 | Tetrachloroethene (PCE) | 40 | 0.50 |
| 108-88-3 | Toluene | 12 | 0.50 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 12 | 0.50 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 12 | 0.50 |
| 71-55-6 | 1,1,1-Trichloroethane | 13 | 0.50 |
| 79-00-5 | 1,1,2-Trichloroethane | 12 | 0.50 |
| 79-01-6 | Trichloroethene (TCE) | 14 | 0.50 |
| 75-69-4 | Trichlorofluoromethane | 15 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 12 | 0.50 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 12 | 0.50 |
| 75-01-4 | Vinyl chloride | 13 | 0.50 |
| 1330-20-7 | Xylenes (total) | 37 | 0.50 |

| Surrogate | Recovery | Limits |
|---|---|---|
| Bromofluorobenzene | 104% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 106% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 5

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW MSD

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Faetor: 1
Soil Extract Volume:
Lab Data File: N10052.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 71-43-2 | Benzene | 11 | 0.50 |
| 108-86-1 | Bromobenzene | 11 | 0.50 |
| 74-97-5 | Bromochloromethane | 11 | 0.50 |
| 75-27-4 | Bromodichloromethane | 11 | 0.50 |
| 75-25-2 | Bromoform | 11 | 0.50 |
| 74-83-9 | Bromomethane | 13 | 0.50 |
| 104-51-8 | n-Butylbenzene | 11 | 0.50 |
| 135-98-8 | sec-Butylbenzene | 11 | 0.50 |
| 98-06-6 | tert-Butylbenzene | 11 | 0.50 |
| 56-23-5 | Carbon tetrachloride | 12 | 0.50 |
| 108-90-7 | Chlorobenzene | 11 | 0.50 |
| 75-00-3 | Chloroethane | 11 | 0.50 |
| 67-66-3 | Chloroform | 12 | 0.50 |
| 74-87-3 | Chloromethane | 9.9 | 0.50 |
| 95-49-8 | 2-Chlorotoluene | 10 | 0.50 |
| 106-43-4 | 4-Chlorotoluene | 11 | 0.50 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane (DBCP) | 10 | 0.50 |
| 124-48-1 | Dibromoehloromethane | 10 | 0.50 |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 11 | 0.50 |
| 74-95-3 | Dibromomethane | 11 | 0.50 |
| 95-50-1 | 1,2-Diehlorobenzene | 11 | 0.50 |
| 541-73-1 | 1,3-Dichlorobenzene | 11 | 0.50 |
| 106-46-7 | 1,4-Dichlorobenzene | 11 | 0.50 |
| 75-71-8 | Dichlorodifluoromethane | 13 | 0.50 |
| 75-34-3 | 1,1-Dichloroethane | 12 | 0.50 |
| 107-06-2 | 1,2-Dichloroethane | 11 | 0.50 |
| 75-35-4 | 1,1-Dichloroethene | 12 | 0.50 |
| 156-59-2 | eis-1,2-Dichloroethene | 11 | 0.50 |
| 156-60-5 | trans-1,2-Dichloroethene | 11 | 0.50 |
| 78-87-5 | 1,2-Dichloropropane | 11 | 0.50 |
| 142-28-9 | 1,3-Dichloropropane | 11 | 0.50 |
| 590-20-7 | 2,2-Dichloropropane | 11 | 0 50 |
| 563-58-6 | 1,1-Dichloropropene | 12 | 0.50 |
| 10061-01-5 | cis-1,3-Dichloropropene | 11 | 0.50 |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | 0.50 |
| 100-41-4 | Ethylbenzene | 11 | 0.50 |
| 87-68-3 | Hexachlorobutadiene | 11 | 0.50 |
| 98-82-8 | Isopropylbenzene | 12 | 0.50 |
| 99-87-6 | 4-Isopropyltoluene | 11 | 0.50 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | 14 | 0.50 |
| 75-09-2 | Methylene chloride | 12 | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 5 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-03 RW MSD

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10052.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | 11 | 0.50 |
| 103-65-1 | n-Propylbenzene | 12 | 0.50 |
| 100-42-5 | Styrene | 11 | 0.50 |
| 96-18-4 | 1,2,3-Trichloropropane | 11 | 0.50 |
| 526-73-8 | 1,2,3-Trimethylbenzene | 10 | 0.50 |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 11 | 0.50 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 11 | 0.50 |
| 127-18-4 | Tetrachloroethene (PCE) | 36 | 0.50 |
| 108-88-3 | Toluene | 11 | 0.50 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 11 | 0.50 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 11 | 0.50 |
| 71-55-6 | 1,1,1-Trichloroethane | 12 | 0.50 |
| 79-00-5 | 1,1,2-Trichloroethane | 11 | 0.50 |
| 79-01-6 | Trichloroethene (TCE) | 12 | 0.50 |
| 75-69-4 | Trichlorofluoromethane | 12 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 11 | 0.50 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 11 | 0.50 |
| 75-01-4 | Vinyl chloride | 10 | 0.50 |
| 1330-20-7 | Xylenes (total) | 33 | 0.50 |

| Surrogate | Recovery | Limits |
|---|---|---|
| Bromofluorobenzene | 102% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 106% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 6

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-04 DUP

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10049.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 6 (continued)

Date Collected: 12/20/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-04 DUP

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10049.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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) | 24 | 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) | 0.66 | 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 | 101% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 7

Date Collected: 12/18/2007
Date Received: 12/26/2007
Date Extracted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Cnstomer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-05 TRIP BLANK

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10050.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 |
| 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 |
| 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 |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | 0.50 |
| 75-09-2 | Methylene chloride | ND | 0.50 |

# VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, Inc

PL Report No: E712D62
PL Sample No: 7 (continued)

Date Collected: 12/18/2007
Date Received: 12/26/2007
Date Extraeted: By:
Date Analyzed: 12/27/07 By: ALB
Method: 524.2
QC Batch#: 58822
Units: ug/L

Customer: Alpha Analytical
Location: NY
Project: NY Drinking Water
Sample Description: L0719058-05 TRIP BLANK

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: N10050.D

| CAS No. | Parameter | Result | DL |
|---|---|---|---|
| 91-20-3 | Naphthalene | ND | 0.50 |
| 103-65-1 | n-Propylbenzene | ND | 0.50 |
| 100-42-5 | Styrene | 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 | 102% | 80%-120% |
| 1,2-Dichlorobenzene-d4 | 102% | 80%-120% |

To: Premier Labs - CT

E712D62

# CHAIN OF CUSTODY PAGE 1 OF 1

Date Rec'd In Lab:

ALPHA Job #: SCANNED COC

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

**Client Information**

Client: Alpha Analytical
Address: 8 Walkup Dr
Westborough, MA
Phone:
Fax:
Email:
☐ These samples have been previously analyzed by Alpha

**Project Information**

Project Name:
Project Location:
Project #:
Project Manager: P. Henriksen
ALPHA Quote #:

**Turn-Around Time**

☐ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 12/27/07 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 | Criteria |
|---|---|
| NYASP - CAT B | "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
7 days to analysis

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | ANALYSIS: VOC 524.2 | Sample Specific Comments | TOTAL # BOTTLES |
|---|---|---|---|---|---|---|---|---|
| | L07 19058-01 | 12/20/07 | 0940 | W | | X | | 2 |
| | -02 | 12/20/07 | 0945 | | | X | | 3 |
| | -03 | 12/20/07 | 1000 | | | X | * MS/MSD Needed | 5 |
| | -04 | 12/20/07 | — | | | X | | 3 |
| | -05 | 12/18/07 | 1240 | ↓ | | X | | 2 |

**SAMPLE HANDLING**
*Filtration*
☐ Done
☐ Not needed
☐ Lab to do
*Preservation*
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

| Container Type | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Preservative | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [illegible] | 12/26/07 | [illegible] | 12/26/07 0750 |
| [illegible] | 12/26/07 1100 | [illegible] | 12/26/07 1040 |

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.

1.0°C

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

FORM 2
WATER 524.2 SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Location: NY

| | LAB SAMPLE NO. | S1 %Rec | # | S2 %Rec | # | %Rec | # | %Rec | # | %Rec | # | TOT OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | E712D62-1 | 102 | | 100 | | | | | | | | 0 |
| 02 | E712D62-2 | 101 | | 99 | | | | | | | | 0 |
| 03 | E712D62-3 | 106 | | 104 | | | | | | | | 0 |
| 04 | E712D62-4 | 106 | | 104 | | | | | | | | 0 |
| 05 | E712D62-5 | 106 | | 102 | | | | | | | | 0 |
| 06 | E712D62-6 | 102 | | 101 | | | | | | | | 0 |
| 07 | E712D62-7 | 102 | | 102 | | | | | | | | 0 |
| 08 | VBLK1227.2 | 103 | | 100 | | | | | | | | 0 |
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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 LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed:

Project No.: Project: 57589

Sample No.: VLCS1023 Location:

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | % REC # | QC LIMITS REC |
|---|---|---|---|---|
| 1,1,1,2-Tetrachloroetha | 10.00 | 9.694 | 97 | 70-130 |
| 1,1,1-Trichloroethane | 10.00 | 10.21 | 102 | 70-130 |
| 1,1,2,2-Tetrachloroetha | 10.00 | 10.24 | 102 | 70-130 |
| 1,1,2-Trichloroethane | 10.00 | 10.53 | 105 | 70-130 |
| 1,1-Dichloroethane | 10.00 | 10.40 | 104 | 70-130 |
| 1,1-Dichloroethene | 10.00 | 10.31 | 103 | 70-130 |
| 1,1-Dichloropropene | 10.00 | 10.67 | 107 | 70-130 |
| 1,2,3-Trichlorobenzene | 10.00 | 10.30 | 103 | 70-130 |
| 1,2,3-Trichloropropane | 10.00 | 9.885 | 99 | 70-130 |
| 1,2,3-Trimethylbenzene | 10.00 | 7.910 | 79 | 70-130 |
| 1,2,4-Trichlorobenzene | 10.00 | 10.07 | 101 | 70-130 |
| 1,2,4-Trimethylbenzene | 10.00 | 9.506 | 95 | 70-130 |
| 1,2-Dibromo-3-chloropro | 10.00 | 8.811 | 88 | 70-130 |
| 1,2-Dibromoethane (EDB) | 10.00 | 9.827 | 98 | 70-130 |
| 1,2-Dichlorobenzene | 10.00 | 9.794 | 98 | 70-130 |
| 1,2-Dichloroethane | 10.00 | 9.779 | 98 | 70-130 |
| 1,2-Dichloropropane | 10.00 | 10.41 | 104 | 70-130 |
| 1,3,5-Trimethylbenzene | 10.00 | 9.629 | 96 | 70-130 |
| 1,3-Dichlorobenzene | 10.00 | 9.996 | 100 | 70-130 |
| 1,3-Dichloropropane | 10.00 | 10.31 | 103 | 70-130 |
| 1,4-Dichlorobenzene | 10.00 | 9.154 | 92 | 70-130 |
| 2,2-Dichloropropane | 10.00 | 10.58 | 106 | 70-130 |
| 2-Chlorotoluene | 10.00 | 10.18 | 102 | 70-130 |
| 4-Chlorotoluene | 10.00 | 10.05 | 100 | 70-130 |
| 4-Isopropyltoluene | 10.00 | 9.619 | 96 | 70-130 |
| Benzene | 10.00 | 10.80 | 108 | 70-130 |
| Bromobenzene | 10.00 | 9.872 | 99 | 70-130 |
| Bromochloromethane | 10.00 | 10.15 | 102 | 70-130 |

# Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: N08547.D

FORM 3
WATER LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed:

Project No.: Project: 57589

Sample No.: VLCS1023 Location:

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | % REC # | QC LIMITS REC |
|---|---|---|---|---|
| Bromodichloromethane | 10.00 | 9.779 | 98 | 70-130 |
| Bromoform | 10.00 | 9.205 | 92 | 70-130 |
| Bromomethane | 10.00 | 10.40 | 104 | 70-130 |
| Carbon tetrachloride | 10.00 | 10.17 | 102 | 70-130 |
| Chlorobenzene | 10.00 | 9.968 | 100 | 70-130 |
| Chloroethane | 10.00 | 7.767 | 78 | 70-130 |
| Chloroform | 10.00 | 10.08 | 101 | 70-130 |
| Chloromethane | 10.00 | 8.273 | 83 | 70-130 |
| cis-1,2-Dichloroethene | 10.00 | 10.73 | 107 | 70-130 |
| cis-1,3-Dichloropropene | 10.00 | 10.19 | 102 | 70-130 |
| Dibromochloromethane | 10.00 | 9.117 | 91 | 70-130 |
| Dibromomethane | 10.00 | 9.458 | 94 | 70-130 |
| Dichlorodifluoromethane | 10.00 | 8.581 | 86 | 70-130 |
| Ethylbenzene | 10.00 | 10.28 | 103 | 70-130 |
| Hexachlorobutadiene | 10.00 | 10.06 | 101 | 70-130 |
| Isopropylbenzene | 10.00 | 10.28 | 103 | 70-130 |
| m,p-Xylenes | 20.00 | 20.17 | 101 | 70-130 |
| Methyl tert-butyl ether | 10.00 | 8.738 | 87 | 70-130 |
| Methylene chloride | 10.00 | 10.62 | 106 | 70-130 |
| n-Butylbenzene | 10.00 | 10.34 | 103 | 70-130 |
| n-Propylbenzene | 10.00 | 10.50 | 105 | 70-130 |
| Naphthalene | 10.00 | 10.42 | 104 | 70-130 |
| o-Xylene | 10.00 | 9.877 | 99 | 70-130 |
| sec-Butylbenzene | 10.00 | 9.991 | 100 | 70-130 |
| Styrene | 10.00 | 10.05 | 100 | 70-130 |
| tert-Butylbenzene | 10.00 | 10.22 | 102 | 70-130 |
| Tetrachloroethene (PCE) | 10.00 | 10.13 | 101 | 70-130 |
| Toluene | 10.00 | 10.04 | 100 | 70-130 |

# Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

FILE: N08547.D

FORM 3
WATER LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed:

Project No.: Project: 57589

Sample No.: VLCS1023 Location:

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | % REC | # | QC LIMITS REC |
|---|---|---|---|---|---|
| trans-1,2-Dichloroethen | 10.00 | 10.31 | 103 | | 70-130 |
| trans-1,3-Dichloroprope | 10.00 | 9.190 | 92 | | 70-130 |
| Trichloroethene (TCE) | 10.00 | 10.78 | 108 | | 70-130 |
| Trichlorofluoromethane | 10.00 | 8.350 | 84 | | 70-130 |
| Vinyl chloride | 10.00 | 7.957 | 80 | | 70-130 |

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

* Values outside of QC limits

COMMENTS: _____

FILE: N08547.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 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 | 0 | 11.68 | 117 | 70-130 |
| 1,1,1-Trichloroethane | 10.00 | 0 | 13.04 | 130 | 70-130 |
| 1,1,2,2-Tetrachloroetha | 10.00 | 0 | 11.77 | 118 | 70-130 |
| 1,1,2-Trichloroethane | 10.00 | 0 | 11.72 | 117 | 70-130 |
| 1,1-Dichloroethane | 10.00 | 0 | 12.20 | 122 | 70-130 |
| 1,1-Dichloroethene | 10.00 | 0 | 13.70 | 137* | 70-130 |
| 1,1-Dichloropropene | 10.00 | 0 | 12.91 | 129 | 70-130 |
| 1,2,3-Trichlorobenzene | 10.00 | 0 | 11.51 | 115 | 70-130 |
| 1,2,3-Trichloropropane | 10.00 | 0 | 11.84 | 118 | 70-130 |
| 1,2,3-Trimethylbenzene | 10.00 | 0 | 12.04 | 120 | 70-130 |
| 1,2,4-Trichlorobenzene | 10.00 | 0 | 11.75 | 118 | 70-130 |
| 1,2,4-Trimethylbenzene | 10.00 | 0 | 11.91 | 119 | 70-130 |
| 1,2-Dibromo-3-chloropro | 10.00 | 0 | 11.70 | 117 | 70-130 |
| 1,2-Dibromoethane (EDB) | 10.00 | 0 | 11.68 | 117 | 70-130 |
| 1,2-Dichlorobenzene | 10.00 | 0 | 11.58 | 116 | 70-130 |
| 1,2-Dichloroethane | 10.00 | 0 | 11.80 | 118 | 70-130 |
| 1,2-Dichloropropane | 10.00 | 0 | 12.02 | 120 | 70-130 |
| 1,3,5-Trimethylbenzene | 10.00 | 0 | 12.28 | 123 | 70-130 |
| 1,3-Dichlorobenzene | 10.00 | 0 | 11.72 | 117 | 70-130 |
| 1,3-Dichloropropane | 10.00 | 0 | 11.62 | 116 | 70-130 |
| 1,4-Dichlorobenzene | 10.00 | 0 | 11.33 | 113 | 70-130 |
| 2,2-Dichloropropane | 10.00 | 0 | 12.13 | 121 | 70-130 |
| 2-Chlorotoluene | 10.00 | 0 | 10.78 | 108 | 70-130 |
| 4-Chlorotoluene | 10.00 | 0 | 11.72 | 117 | 70-130 |
| 4-Isopropyltoluene | 10.00 | 0 | 11.97 | 120 | 70-130 |
| Benzene | 10.00 | 0 | 12.38 | 124 | 70-130 |
| Bromobenzene | 10.00 | 0 | 11.81 | 118 | 70-130 |
| Bromochloromethane | 10.00 | 0 | 12.36 | 124 | 70-130 |

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

* Values outside of QC limits

COMMENTS: _____

FILE: N10048.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 Location: NY

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | MS CONCENTRATION (ug/L) | MS % REC # | QC LIMITS REC |
|---|---|---|---|---|---|
| Bromodichloromethane | 10.00 | 0 | 11.98 | 120 | 70-130 |
| Bromoform | 10.00 | 0 | 11.39 | 114 | 70-130 |
| Bromomethane | 10.00 | 0 | 14.64 | 146* | 70-130 |
| Carbon tetrachloride | 10.00 | 0 | 12.94 | 129 | 70-130 |
| Chlorobenzene | 10.00 | 0 | 11.78 | 118 | 70-130 |
| Chloroethane | 10.00 | 0 | 14.36 | 144* | 70-130 |
| Chloroform | 10.00 | 0 | 12.54 | 125 | 70-130 |
| Chloromethane | 10.00 | 0 | 11.62 | 116 | 70-130 |
| cis-1,2-Dichloroethene | 10.00 | 0 | 12.34 | 123 | 70-130 |
| cis-1,3-Dichloropropene | 10.00 | 0 | 11.80 | 118 | 70-130 |
| Dibromochloromethane | 10.00 | 0 | 11.08 | 111 | 70-130 |
| Dibromomethane | 10.00 | 0 | 11.83 | 118 | 70-130 |
| Dichlorodifluoromethane | 10.00 | 0 | 14.73 | 147* | 70-130 |
| Ethylbenzene | 10.00 | 0 | 12.41 | 124 | 70-130 |
| Hexachlorobutadiene | 10.00 | 0 | 12.62 | 126 | 70-130 |
| Isopropylbenzene | 10.00 | 0 | 13.17 | 132* | 70-130 |
| m,p-Xylenes | 20.00 | | 25.02 | 125 | 70-130 |
| Methyl tert-butyl ether | 10.00 | 0 | 15.44 | 154* | 70-130 |
| Methylene chloride | 10.00 | 0 | 12.46 | 125 | 70-130 |
| n-Butylbenzene | 10.00 | 0 | 12.34 | 123 | 70-130 |
| n-Propylbenzene | 10.00 | 0 | 12.92 | 129 | 70-130 |
| Naphthalene | 10.00 | 0 | 11.31 | 113 | 70-130 |
| o-Xylene | 10.00 | | 11.80 | 118 | 70-130 |
| sec-Butylbenzene | 10.00 | 0 | 12.22 | 122 | 70-130 |
| Styrene | 10.00 | 0 | 12.03 | 120 | 70-130 |
| tert-Butylbenzene | 10.00 | 0 | 12.62 | 126 | 70-130 |
| Tetrachloroethene (PCE) | 10.00 | 25.7 | 39.54 | 138* | 70-130 |
| Toluene | 10.00 | 0 | 12.23 | 122 | 70-130 |

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

* Values outside of QC limits

COMMENTS: _____

FILE: N10048.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 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 | 12.45 | 124 | 70-130 |
| trans-1,3-Dichloroprope | 10.00 | 0 | 10.71 | 107 | 70-130 |
| Trichloroethene (TCE) | 10.00 | 0.690 | 13.52 | 128 | 70-130 |
| Trichlorofluoromethane | 10.00 | 0 | 15.26 | 153* | 70-130 |
| Vinyl chloride | 10.00 | 0 | 12.99 | 130 | 70-130 |

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

* Values outside of QC limits

COMMENTS: _____

FILE: N10048.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 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 | 11.22 | 112 | 4.37 | 30 | 70-130 |
| 1,1,1-Trichloroethane | 10.00 | 11.84 | 118 | 9.68 | 30 | 70-130 |
| 1,1,2,2-Tetrachloroetha | 10.00 | 10.73 | 107 | 9.78 | 30 | 70-130 |
| 1,1,2-Trichloroethane | 10.00 | 10.88 | 109 | 7.08 | 30 | 70-130 |
| 1,1-Dichloroethane | 10.00 | 11.65 | 116 | 5.04 | 30 | 70-130 |
| 1,1-Dichloroethene | 10.00 | 12.57 | 126 | 8.36 | 30 | 70-130 |
| 1,1-Dichloropropene | 10.00 | 11.80 | 118 | 8.91 | 30 | 70-130 |
| 1,2,3-Trichlorobenzene | 10.00 | 10.82 | 108 | 6.28 | 30 | 70-130 |
| 1,2,3-Trichloropropane | 10.00 | 11.10 | 111 | 6.11 | 30 | 70-130 |
| 1,2,3-Trimethylbenzene | 10.00 | 10.05 | 100 | 18.2 | 30 | 70-130 |
| 1,2,4-Trichlorobenzene | 10.00 | 10.75 | 108 | 8.85 | 30 | 70-130 |
| 1,2,4-Trimethylbenzene | 10.00 | 11.24 | 112 | 6.06 | 30 | 70-130 |
| 1,2-Dibromo-3-chloropro | 10.00 | 10.54 | 105 | 10.8 | 30 | 70-130 |
| 1,2-Dibromoethane (EDB) | 10.00 | 10.78 | 108 | 8.00 | 30 | 70-130 |
| 1,2-Dichlorobenzene | 10.00 | 11.12 | 111 | 4.40 | 30 | 70-130 |
| 1,2-Dichloroethane | 10.00 | 11.01 | 110 | 7.02 | 30 | 70-130 |
| 1,2-Dichloropropane | 10.00 | 11.19 | 112 | 6.90 | 30 | 70-130 |
| 1,3,5-Trimethylbenzene | 10.00 | 11.30 | 113 | 8.47 | 30 | 70-130 |
| 1,3-Dichlorobenzene | 10.00 | 10.86 | 108 | 8.00 | 30 | 70-130 |
| 1,3-Dichloropropane | 10.00 | 11.04 | 110 | 5.31 | 30 | 70-130 |
| 1,4-Dichlorobenzene | 10.00 | 10.62 | 106 | 6.39 | 30 | 70-130 |
| 2,2-Dichloropropane | 10.00 | 11.25 | 112 | 7.72 | 30 | 70-130 |
| 2-Chlorotoluene | 10.00 | 10.35 | 103 | 4.74 | 30 | 70-130 |
| 4-Chlorotoluene | 10.00 | 10.95 | 110 | 6.17 | 30 | 70-130 |
| 4-Isopropyltoluene | 10.00 | 11.01 | 110 | 8.70 | 30 | 70-130 |
| Benzene | 10.00 | 11.42 | 114 | 8.40 | 30 | 70-130 |
| Bromobenzene | 10.00 | 10.78 | 108 | 8.85 | 30 | 70-130 |
| Bromochloromethane | 10.00 | 11.45 | 114 | 8.40 | 30 | 70-130 |

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

* Values outside of QC limits

COMMENTS: _____

FILE: N10048.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 Location: NY

| COMPOUND | SPIKE ADDED (ug/L) | MSD CONCENTRATION (ug/L) | MSD % REC # | % RPD # | QC LIMITS RPD | QC LIMITS REC |
|---|---|---|---|---|---|---|
| Bromodichloromethane | 10.00 | 11.14 | 111 | 7.79 | 30 | 70-130 |
| Bromoform | 10.00 | 10.95 | 110 | 3.57 | 30 | 70-130 |
| Bromomethane | 10.00 | 12.70 | 127 | 13.9 | 30 | 70-130 |
| Carbon tetrachloride | 10.00 | 12.08 | 121 | 6.40 | 30 | 70-130 |
| Chlorobenzene | 10.00 | 10.76 | 108 | 8.85 | 30 | 70-130 |
| Chloroethane | 10.00 | 11.43 | 114 | 23.2 | 30 | 70-130 |
| Chloroform | 10.00 | 11.58 | 116 | 7.47 | 30 | 70-130 |
| Chloromethane | 10.00 | 9.912 | 99 | 15.8 | 30 | 70-130 |
| cis-1,2-Dichloroethene | 10.00 | 11.39 | 114 | 7.59 | 30 | 70-130 |
| cis-1,3-Dichloropropene | 10.00 | 11.05 | 110 | 7.02 | 30 | 70-130 |
| Dibromochloromethane | 10.00 | 10.49 | 105 | 5.56 | 30 | 70-130 |
| Dibromomethane | 10.00 | 10.70 | 107 | 9.78 | 30 | 70-130 |
| Dichlorodifluoromethane | 10.00 | 12.84 | 128 | 13.8 | 30 | 70-130 |
| Ethylbenzene | 10.00 | 11.34 | 113 | 9.28 | 30 | 70-130 |
| Hexachlorobutadiene | 10.00 | 11.50 | 115 | 9.13 | 30 | 70-130 |
| Isopropylbenzene | 10.00 | 11.86 | 119 | 10.4 | 30 | 70-130 |
| m,p-Xylenes | 20.00 | 22.38 | 112 | 11.0 | 30 | 70-130 |
| Methyl tert-butyl ether | 10.00 | 14.10 | 141* | 8.81 | 30 | 70-130 |
| Methylene chloride | 10.00 | 11.74 | 117 | 6.61 | 30 | 70-130 |
| n-Butylbenzene | 10.00 | 10.67 | 107 | 13.9 | 30 | 70-130 |
| n-Propylbenzene | 10.00 | 11.52 | 115 | 11.5 | 30 | 70-130 |
| Naphthalene | 10.00 | 10.86 | 108 | 4.52 | 30 | 70-130 |
| o-Xylene | 10.00 | 11.04 | 110 | 7.02 | 30 | 70-130 |
| sec-Butylbenzene | 10.00 | 11.07 | 111 | 9.44 | 30 | 70-130 |
| Styrene | 10.00 | 11.27 | 113 | 6.01 | 30 | 70-130 |
| tert-Butylbenzene | 10.00 | 11.46 | 115 | 9.13 | 30 | 70-130 |
| Tetrachloroethene (PCE) | 10.00 | 35.99 | 103 | 29.0 | 30 | 70-130 |
| Toluene | 10.00 | 10.93 | 109 | 11.2 | 30 | 70-130 |

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

* Values outside of QC limits

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COMMENTS: _____

FILE: N10048.D

FORM 3

WATER 524.2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 12/27/07

Project No.: E712D62 Project: NY Drinking Water

Sample No.: E712D62-3 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 | 11.27 | 113 | 9.28 | 30 | 70-130 |
| trans-1,3-Dichloroprope | 10.00 | 10.06 | 101 | 5.77 | 30 | 70-130 |
| Trichloroethene (TCE) | 10.00 | 12.10 | 114 | 11.6 | 30 | 70-130 |
| Trichlorofluoromethane | 10.00 | 12.09 | 121 | 23.4 | 30 | 70-130 |
| Vinyl chloride | 10.00 | 10.56 | 106 | 20.3 | 30 | 70-130 |

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

* Values outside of QC limits

RPD: 0 out of 61 outside limits
Spike Recovery: 9 out of 122 outside limits

COMMENTS: _____

FILE: N10048.D

FORM 4
524.2 METHOD BLANK SUMMARY

VBLK1227.2

Project No.: E712D62 Project: NY Drinking Water

Lab File ID: N10045.D Lab Sample ID: VBLK1227.2

Matrix: (soil/water) Water Date Analyzed: 12/27/07

Instrument ID: MS12 Date Extracted:

Time Analyzed: 1840

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

| | LAB SAMPLE NO. | CLIENT SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|---|
| 01 | E712D62-1 | DIST | N10046.D | 12/27/07 |
| 02 | E712D62-2 | STEFF | N10047.D | 12/27/07 |
| 03 | E712D62-3 | RW | N10048.D | 12/27/07 |
| 04 | E712D62-4 | RW MS | N10051.D | 12/27/07 |
| 05 | E712D62-5 | RW MSD | N10052.D | 12/27/07 |
| 06 | E712D62-6 | DUP | N10049.D | 12/27/07 |
| 07 | E712D62-7 | TRIP BLANK | N10050.D | 12/27/07 |
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Lab File ID: N10032.D BFB Injection Date: 12/27/07

Instrument ID: MS12 BFB Injection Time: 1435

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 21.2 |
| 75 | 30.0 - 80.0% of mass 95 | 42.0 |
| 95 | Base Peak, 100.0% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 7.6 |
| 173 | Less than 2.0% of mass 174 | 0.0 |
| 174 | 50.0 - 100.0% of mass 95 | 67.4 |
| 175 | 5.0 - 9.0% of mass 174 | 5.2 ( 7.7)1 |
| 176 | 95.0 - 101.0% of mass 174 | 68.0 (100.9)1 |
| 177 | 5.0 - 9.0% of mass 176 | 3.7 ( 5.5)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 | STDLVL5 ICAL | 0.5 ICAL | N10034.D | 12/27/07 | 1512 |
| 02 | STDLVL2 ICAL | 5.0 ICAL | N10035.D | 12/27/07 | 1531 |
| 03 | STDLVL3 ICAL | 10 ICAL | N10036.D | 12/27/07 | 1550 |
| 04 | STDLVL4 ICAL | 20 ICAL | N10037.D | 12/27/07 | 1609 |
| 05 | STDLVL6 ICAL | 50 ICAL | N10038.D | 12/27/07 | 1628 |
| 06 | STDLVL1 ICAL | 75 ICAL | N10039.D | 12/27/07 | 1647 |
| 07 | VBLK1227.2 | VBLK1227.2 | N10045.D | 12/27/07 | 1840 |
| 08 | E712D62-1 | DIST | N10046.D | 12/27/07 | 1859 |
| 09 | E712D62-2 | STEFF | N10047.D | 12/27/07 | 1918 |
| 10 | E712D62-3 | RW | N10048.D | 12/27/07 | 1937 |
| 11 | E712D62-6 | DUP | N10049.D | 12/27/07 | 1956 |
| 12 | E712D62-7 | TRIP BLANK | N10050.D | 12/27/07 | 2015 |
| 13 | E712D62-4 | RW MS | N10051.D | 12/27/07 | 2034 |
| 14 | E712D62-5 | RW MSD | N10052.D | 12/27/07 | 2053 |
| 15 | | | | | |
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| 20 | | | | | |
| 21 | | | | | |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| | CALIBRATION FACTORS | | | | |
|---|---|---|---|---|---|
| COMPOUND | RF75 | RF5.0 | RF10 | RF20 | RF0.5 |
| Dichlorodifluoromethane | 0.049 | 0.062 | 0.062 | 0.054 | 0.058 |
| Vinyl chloride | 0.065 | 0.079 | 0.077 | 0.066 | 0.071 |
| Chloromethane | 0.067 | 0.082 | 0.083 | 0.071 | 0.095 |
| Bromomethane | 0.016 | 0.026 | 0.023 | 0.019 | 0.043 |
| Chloroethane | 0.015 | 0.029 | 0.027 | 0.022 | 0.028 |
| Trichlorofluoromethane | | 0.061 | 0.056 | 0.046 | 0.053 |
| 1,1-Dichloroethene | 0.027 | 0.034 | 0.035 | 0.029 | 0.040 |
| Methylene chloride | 0.039 | 0.045 | 0.044 | 0.039 | 0.074 |
| trans-1,2-Dichloroethen | 0.037 | 0.042 | 0.041 | 0.037 | 0.046 |
| Methyl tert-butyl ether | 0.090 | 0.099 | 0.10 | 0.097 | 0.103 |
| 1,1-Dichloroethane | 0.079 | 0.091 | 0.089 | 0.078 | 0.096 |
| cis-1,2-Dichloroethene | 0.048 | 0.054 | 0.054 | 0.050 | 0.057 |
| 2,2-Dichloropropane | 0.049 | 0.045 | 0.048 | 0.046 | 0.041 |
| Bromochloromethane | 0.026 | 0.028 | 0.028 | 0.026 | 0.025 |
| Chloroform | 0.071 | 0.083 | 0.082 | 0.073 | 0.078 |
| Carbon tetrachloride | 0.052 | 0.057 | 0.057 | 0.051 | 0.055 |
| 1,1,1-Trichloroethane | 0.052 | 0.058 | 0.057 | 0.052 | 0.056 |
| 1,1-Dichloropropene | 0.056 | 0.061 | 0.060 | 0.053 | 0.062 |
| Benzene | 0.156 | 0.174 | 0.174 | 0.158 | 0.178 |
| 1,2-Dichloroethane | 0.059 | 0.066 | 0.064 | 0.060 | 0.063 |
| Trichloroethene (TCE) | 0.044 | 0.048 | 0.049 | 0.044 | 0.050 |
| Dibromomethane | 0.029 | 0.032 | 0.032 | 0.030 | 0.029 |
| 1,2-Dichloropropane | 0.040 | 0.044 | 0.044 | 0.041 | 0.044 |
| Bromodichloromethane | 0.056 | 0.059 | 0.060 | 0.055 | 0.049 |
| cis-1,3-Dichloropropene | 0.067 | 0.067 | 0.070 | 0.064 | 0.061 |
| Toluene | 0.090 | 0.10 | 0.100 | 0.092 | 0.105 |
| Tetrachloroethene (PCE) | 0.031 | 0.032 | 0.035 | 0.031 | 0.032 |
| trans-1,3-Dichloroprope | 0.060 | 0.057 | 0.058 | 0.058 | 0.053 |
| 1,1,2-Trichloroethane | 0.037 | 0.040 | 0.040 | 0.038 | 0.035 |
| Dibromochloromethane | 0.045 | 0.045 | 0.046 | 0.044 | 0.043 |
| 1,3-Dichloropropane | 0.065 | 0.070 | 0.070 | 0.065 | 0.070 |
| 1,2-Dibromoethane (EDB) | 0.042 | 0.044 | 0.043 | 0.042 | 0.043 |
| Chlorobenzene | 0.097 | 0.110 | 0.109 | 0.099 | 0.116 |
| Ethylbenzene | 0.154 | 0.176 | 0.175 | 0.160 | 0.171 |
| 1,1,1,2-Tetrachloroetha | 0.033 | 0.037 | 0.036 | 0.034 | 0.036 |
| m,p-Xylenes | 0.113 | 0.134 | 0.134 | 0.121 | 0.138 |
| o-Xylene | 0.128 | 0.143 | 0.146 | 0.134 | 0.146 |
| Bromoform | 0.029 | 0.029 | 0.031 | 0.030 | 0.026 |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| | CALIBRATION FACTORS | | | | |
|---|---|---|---|---|---|
| COMPOUND | RF75 | RF5.0 | RF10 | RF20 | RF0.5 |
| Styrene | 0.101 | 0.115 | 0.114 | 0.104 | 0.108 |
| Isopropylbenzene | 0.130 | 0.152 | 0.150 | 0.132 | 0.134 |
| Bromofluorobenzene | 0.268 | 0.260 | 0.268 | 0.267 | 0.278 |
| Bromobenzene | 0.044 | 0.050 | 0.050 | 0.046 | 0.052 |
| n-Propylbenzene | 0.170 | 0.189 | 0.196 | 0.175 | 0.195 |
| 1,1,2,2-Tetrachloroetha | 0.048 | 0.054 | 0.053 | 0.052 | 0.058 |
| 2-Chlorotoluene | 0.108 | 0.128 | 0.125 | 0.114 | 0.127 |
| 1,2,3-Trichloropropane | 0.014 | 0.015 | 0.015 | 0.014 | 0.015 |
| 1,3,5-Trimethylbenzene | 0.116 | 0.132 | 0.132 | 0.120 | 0.127 |
| 4-Chlorotoluene | 0.105 | 0.122 | 0.118 | 0.108 | 0.131 |
| tert-Butylbenzene | 0.028 | 0.029 | 0.030 | 0.028 | 0.027 |
| 1,2,4-Trimethylbenzene | 0.115 | 0.129 | 0.128 | 0.116 | 0.128 |
| sec-Butylbenzene | 0.157 | 0.167 | 0.172 | 0.154 | 0.177 |
| 4-Isopropyltoluene | 0.120 | 0.132 | 0.135 | 0.122 | 0.135 |
| 1,3-Dichlorobenzene | 0.070 | 0.086 | 0.088 | 0.078 | 0.092 |
| 1,4-Dichlorobenzene | 0.076 | 0.088 | 0.086 | 0.080 | 0.091 |
| 1,2,3-Trimethylbenzene | 0.112 | 0.122 | 0.123 | 0.114 | 0.120 |
| n-Butylbenzene | 0.029 | 0.031 | 0.031 | 0.027 | 0.034 |
| 1,2-Dichlorobenzene | 0.067 | 0.080 | 0.078 | 0.072 | 0.083 |
| 1,2-Dichlorobenzene-d4 | 0.296 | 0.303 | 0.313 | 0.307 | 0.323 |
| 1,2-Dibromo-3-chloropro | 0.008 | 0.008 | 0.008 | 0.008 | 0.007 |
| Hexachlorobutadiene | 0.015 | 0.017 | 0.018 | 0.016 | 0.018 |
| 1,2,4-Trichlorobenzene | 0.039 | 0.047 | 0.046 | 0.042 | 0.050 |
| Naphthalene | 0.102 | 0.098 | 0.107 | 0.102 | 0.098 |
| 1,2,3-Trichlorobenzene | 0.037 | 0.043 | 0.042 | 0.038 | 0.042 |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| | CALIBRATION FACTORS |
|---|---|
| COMPOUND | RF50 |
| Dichlorodifluoromethane | 0.047 |
| Vinyl chloride | 0.061 |
| Chloromethane | 0.066 |
| Bromomethane | 0.016 |
| Chloroethane | 0.017 |
| Trichlorofluoromethane | 0.033 |
| 1,1-Dichloroethene | 0.026 |
| Methylene chloride | 0.039 |
| trans-1,2-Dichloroethen | 0.036 |
| Methyl tert-butyl ether | 0.093 |
| 1,1-Dichloroethane | 0.079 |
| cis-1,2-Dichloroethene | 0.049 |
| 2,2-Dichloropropane | 0.047 |
| Bromochloromethane | 0.026 |
| Chloroform | 0.073 |
| Carbon tetrachloride | 0.050 |
| 1,1,1-Trichloroethane | 0.051 |
| 1,1-Dichloropropene | 0.054 |
| Benzene | 0.155 |
| 1,2-Dichloroethane | 0.060 |
| Trichloroethene (TCE) | 0.044 |
| Dibromomethane | 0.030 |
| 1,2-Dichloropropane | 0.041 |
| Bromodichloromethane | 0.055 |
| cis-1,3-Dichloropropene | 0.068 |
| Toluene | 0.091 |
| Tetrachloroethene (PCE) | 0.030 |
| trans-1,3-Dichloroprope | 0.060 |
| 1,1,2-Trichloroethane | 0.038 |
| Dibromochloromethane | 0.046 |
| 1,3-Dichloropropane | 0.066 |
| 1,2-Dibromoethane (EDB) | 0.042 |
| Chlorobenzene | 0.10 |
| Ethylbenzene | 0.154 |
| 1,1,1,2-Tetrachloroetha | 0.034 |
| m,p-Xylenes | 0.117 |
| o-Xylene | 0.131 |
| Bromoform | 0.031 |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| | CALIBRATION FACTORS |
|---|---|
| COMPOUND | RF50 |
| Styrene | 0.103 |
| Isopropylbenzene | 0.132 |
| Bromofluorobenzene | 0.266 |
| Bromobenzene | 0.045 |
| n-Propylbenzene | 0.174 |
| 1,1,2,2-Tetrachloroetha | 0.050 |
| 2-Chlorotoluene | 0.174 |
| 1,2,3-Trichloropropane | 0.014 |
| 1,3,5-Trimethylbenzene | 0.117 |
| 4-Chlorotoluene | 0.108 |
| tert-Butylbenzene | 0.028 |
| 1,2,4-Trimethylbenzene | 0.117 |
| sec-Butylbenzene | 0.155 |
| 4-Isopropyltoluene | 0.119 |
| 1,3-Dichlorobenzene | 0.074 |
| 1,4-Dichlorobenzene | 0.079 |
| 1,2,3-Trimethylbenzene | 0.112 |
| n-Butylbenzene | 0.028 |
| 1,2-Dichlorobenzene | 0.069 |
| 1,2-Dichlorobenzene-d4 | 0.303 |
| 1,2-Dibromo-3-chloropro | 0.009 |
| Hexachlorobutadiene | 0.016 |
| 1,2,4-Trichlorobenzene | 0.041 |
| Naphthalene | 0.106 |
| 1,2,3-Trichlorobenzene | 0.038 |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| COMPOUND | CURVE | COEFFICIENTS A0 | A1 | A2 | %RSD OR R^2 |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | AVRG | | 0.0553341 | | 11.6 |
| Vinyl chloride | AVRG | | 0.0697610 | | 10.0 |
| Chloromethane | AVRG | | 0.0774171 | | 14.6 |
| Bromomethane | LINR | 0.0519339 | 0.0151025 | | 0.9972713 |
| Chloroethane | LINR | 0.0833440 | 0.0148328 | | 0.9856869 |
| Trichlorofluoromethane | LINR | 0.1598032 | 0.0310069 | | 0.9643564 |
| 1,1-Dichloroethene | AVRG | | 0.0318636 | | 16.2 |
| Methylene chloride | LINR | 0.0337554 | 0.0382343 | | 0.9998252 |
| trans-1,2-Dichloroethen | AVRG | | 0.0400576 | | 9.6 |
| Methyl tert-butyl ether | AVRG | | 0.0970050 | | 5.0 |
| 1,1-Dichloroethane | AVRG | | 0.0853218 | | 8.6 |
| cis-1,2-Dichloroethene | AVRG | | 0.0522977 | | 6.9 |
| 2,2-Dichloropropane | AVRG | | 0.0461622 | | 6.2 |
| Bromochloromethane | AVRG | | 0.0263804 | | 4.6 |
| Chloroform | AVRG | | 0.0766954 | | 6.6 |
| Carbon tetrachloride | AVRG | | 0.0537984 | | 5.6 |
| 1,1,1-Trichloroethane | AVRG | | 0.0542488 | | 5.3 |
| 1,1-Dichloropropene | AVRG | | 0.0576985 | | 6.5 |
| Benzene | AVRG | | 0.1659553 | | 6.4 |
| 1,2-Dichloroethane | AVRG | | 0.0622941 | | 4.6 |
| Trichloroethene (TCE) | AVRG | | 0.0465935 | | 6.0 |
| Dibromomethane | AVRG | | 0.0303586 | | 4.7 |
| 1,2-Dichloropropane | AVRG | | 0.0423618 | | 4.7 |
| Bromodichloromethane | AVRG | | 0.0556083 | | 6.6 |
| cis-1,3-Dichloropropene | AVRG | | 0.0660274 | | 4.8 |
| Toluene | AVRG | | 0.0961757 | | 6.6 |
| Tetrachloroethene (PCE) | AVRG | | 0.0319103 | | 5.2 |
| trans-1,3-Dichloroprope | AVRG | | 0.0577539 | | 4.8 |
| 1,1,2-Trichloroethane | AVRG | | 0.0382675 | | 5.1 |
| Dibromochloromethane | AVRG | | 0.0451503 | | 2.7 |
| 1,3-Dichloropropane | AVRG | | 0.0676715 | | 3.6 |
| 1,2-Dibromoethane (EDB) | AVRG | | 0.0428257 | | 2.2 |
| Chlorobenzene | AVRG | | 0.1050398 | | 7.2 |
| Ethylbenzene | AVRG | | 0.1650388 | | 6.2 |
| 1,1,1,2-Tetrachloroetha | AVRG | | 0.0349939 | | 4.3 |
| m,p-Xylenes | AVRG | | 0.1262624 | | 8.3 |
| o-Xylene | AVRG | | 0.1380533 | | 5.9 |
| Bromoform | AVRG | | 0.0294191 | | 6.0 |

FORM 6
524.2 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Instrument ID: MS12 Calibration Date(s): 12/27/07 12/27/07
Calibration Time(s): 15:12 16:47

Data Files: RF75: N10039.D RF5.0: N10035.D RF10: N10036.D
RF20: N10037.D RF0.5: N10034.D RF50: N10038.D

| | | COEFFICIENTS | | | %RSD |
|---|---|---|---|---|---|
| COMPOUND | CURVE | A0 | A1 | A2 | OR R^2 |
| Styrene | AVRG | | 0.1073911 | | 5.5 |
| Isopropylbenzene | AVRG | | 0.1381927 | | 7.2 |
| Bromofluorobenzene | AVRG | | 0.2679144 | | 2.1 |
| Bromobenzene | AVRG | | 0.0478257 | | 7.4 |
| n-Propylbenzene | AVRG | | 0.1831888 | | 6.1 |
| 1,1,2,2-Tetrachloroetha | AVRG | | 0.0528113 | | 6.5 |
| 2-Chlorotoluene | AVRG | | 0.1294721 | | 17.9 |
| 1,2,3-Trichloropropane | AVRG | | 0.0146127 | | 3.1 |
| 1,3,5-Trimethylbenzene | AVRG | | 0.1240236 | | 5.8 |
| 4-Chlorotoluene | AVRG | | 0.1155009 | | 8.7 |
| tert-Butylbenzene | AVRG | | 0.0282809 | | 3.7 |
| 1,2,4-Trimethylbenzene | AVRG | | 0.1222919 | | 5.8 |
| sec-Butylbenzene | AVRG | | 0.1636951 | | 5.9 |
| 4-Isopropyltoluene | AVRG | | 0.1273295 | | 6.1 |
| 1,3-Dichlorobenzene | AVRG | | 0.0812343 | | 10.6 |
| 1,4-Dichlorobenzene | AVRG | | 0.0835295 | | 6.9 |
| 1,2,3-Trimethylbenzene | AVRG | | 0.1168187 | | 4.4 |
| n-Butylbenzene | AVRG | | 0.0300152 | | 7.8 |
| 1,2-Dichlorobenzene | AVRG | | 0.0749608 | | 8.4 |
| 1,2-Dichlorobenzene-d4 | AVRG | | 0.3075580 | | 3.1 |
| 1,2-Dibromo-3-chloropro | AVRG | | 0.0081826 | | 10.2 |
| Hexachlorobutadiene | AVRG | | 0.0165233 | | 7.2 |
| 1,2,4-Trichlorobenzene | AVRG | | 0.0440591 | | 9.6 |
| Naphthalene | AVRG | | 0.1022858 | | 3.7 |
| 1,2,3-Trichlorobenzene | AVRG | | 0.0400357 | | 6.3 |

AVG DIFF: 6.7

FORM 8
524.2 INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E712D62 Project: NY Drinking Water

Location: NY

Lab File ID (Standard): N10036.D Date Analyzed: 12/27/07

Instrument ID: MS12 Time Analyzed: 1550

| | | IS1 AREA # | RT # | AREA # | RT # | AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 348376 | 2.93 | | | | |
| | UPPER LIMIT | 696752 | 3.43 | | | | |
| | LOWER LIMIT | 174188 | 2.43 | | | | |
| | LAB SAMPLE NO. | | | | | | |
| 01 | VBLK1227.2 | 341452 | 2.93 | | | | |
| 02 | E712D62-1 | 350847 | 2.93 | | | | |
| 03 | E712D62-2 | 355906 | 2.93 | | | | |
| 04 | E712D62-3 | 343624 | 2.93 | | | | |
| 05 | E712D62-6 | 347527 | 2.93 | | | | |
| 06 | E712D62-7 | 346418 | 2.93 | | | | |
| 07 | E712D62-4 | 318676 | 2.93 | | | | |
| 08 | E712D62-5 | 337762 | 2.93 | | | | |
| 09 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |

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 DATE: 12/27/07 46

TUNE FILE: MT12

TUNE METHOD: BFB

PASSING TUNE SCAN: Average

TUNE TIME: ~~2739 M4~~ 8:43 AM

METHOD FILE: ~~M~~ 524TEST

EM: 2650

INITIAL CALIBRATION: 12/26/07

ANALYST: RLS

SUPERVISOR:

| | INTERNAL STANDARD AREA COUNTS |
|---|---|
| IS1 | 368830 |
| IS2 | |
| IS3 | |
| IS4 | |

| DAILY STD. | CONC. | LOT # |
|---|---|---|
| BFB025 | .25 PPB | 59034 |
| 2C MIX | VARIED | 58216 |
| CCAL | 10PPB | 59034 |
| ~~VSTD DO5HEX~~ | ~~0.0~~ | RLS 12/27/07 |
| HEXANE | 0.5 PPB | 59035 |
| LCS 010 | 10 PPB | 59036 |
| 0.5 ICAL | 0.5PPB | 59037 |

| | | |
|---|---|---|
| 5.0 ICAL | 5.0PPB | 59038 |
| 10.0 ICAL | 10 PPB | 59039 |
| 20 ICAL | 20PPB | 59041 |
| 50 ICAL | 50 PPB | 59043 |
| 75 ICAL | 50PPB | 59044 |

| | SAMPLE # | DATA FILE | ALS # | DILUTION | PARAMETER | MATRIX | pH | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 01 | BLANK | N10013 | 1 | — | 524.2 | AQ | 2 | ✓ |
| 02 | BFB025 | 14 | 2 | | | | | passed |
| 03 | VSTD010CAL | 15 | 3 | | | | | good |
| 04 | BLANK | 16 | 4 | | | | | ✓ |
| 05 | VBLK1227 | 17 | 5 | | | | | good |
| 06 | VSTD00.5HEX | 18 | 6 | | | | | good |
| 07 | ETH-DO4-1 | 19 | 7 | | | | | ND |
| 08 | DO4-2 | 20 | 8 | | | | | ND |
| 09 | DO4-3 | 21 | 9 | | | | | ND |
| 10 | DO5-1 | 22 | 10 | | | | | ND |
| 11 | -2 | 23 | 11 | | | | | ND |
| 12 | -3 | 24 | 12 | | | | | ND |
| 13 | -4 | 25 | 13 | | | | | ND |
| 14 | -5 | 26 | 14 | | | | | ND |
| 15 | -6 | 27 | 15 | | | | | ND |
| 16 | -7 | 28 | 16 | | | | | ND |
| 17 | -8 | 29 | 17 | | | | | ✓ ND |
| 18 | BLANK | 30 | 18 | | | | | ✓ |
| 19 | BLANK | 31 | 19 | | | | | ✓ |
| 20 | BFB025 | 32 | 20 | | | | | passed, 790 at 2:35PM |
| 21 | VSTD00.5 ICAL | 33 | 21 | | | | | ✓ |
| 22 | VSTD00.5 ICAL | 34 | 22 | | | | | ✓ |
| 23 | VSTD005 ICAL | 35 | 23 | | | | | ✓ |
| 24 | VSTD010 ICAL | 36 | 24 | | | | | ✓ initial cal standard area counts 348376 |
| 25 | VSTD020 ICAL | 37 | 25 | | | | | ✓ |
| 26 | VSTD050 ICAL | 38 | 26 | | | | | ✓ |
| 27 | BLANK | 39 | 27 | | | | | ✓ |
| 28 | BLANK | 40 | 28 | | | | | ✓ |
| 29 | BLANK | 41 | 29 | | | | | ✓ |
| 30 | VLCS1227 | 42 | 30 | ↓ | ↓ | ↓ | ↓ | MTBE failed high, all others passed |

IC RLS 12/27/07

PARAMETER: _____ DATE: _____

TUNE FILE: _____

TUNE METHOD: _____ GC/MS#: _____

PASSING TUNE SCAN: _____

TUNE TIME: _____

METHOD FILE: _____

EM: _____

INITIAL CALIBRATION: _____

ANALYST: _____

SUPERVISOR: _____

| | INTERNAL STANDARD AREA COUNTS |
|---|---|
| IS1 | |
| IS2 | |
| IS3 | |
| IS4 | |

| DAILY STD. | CONC. | LOT # |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

(continued from previous page

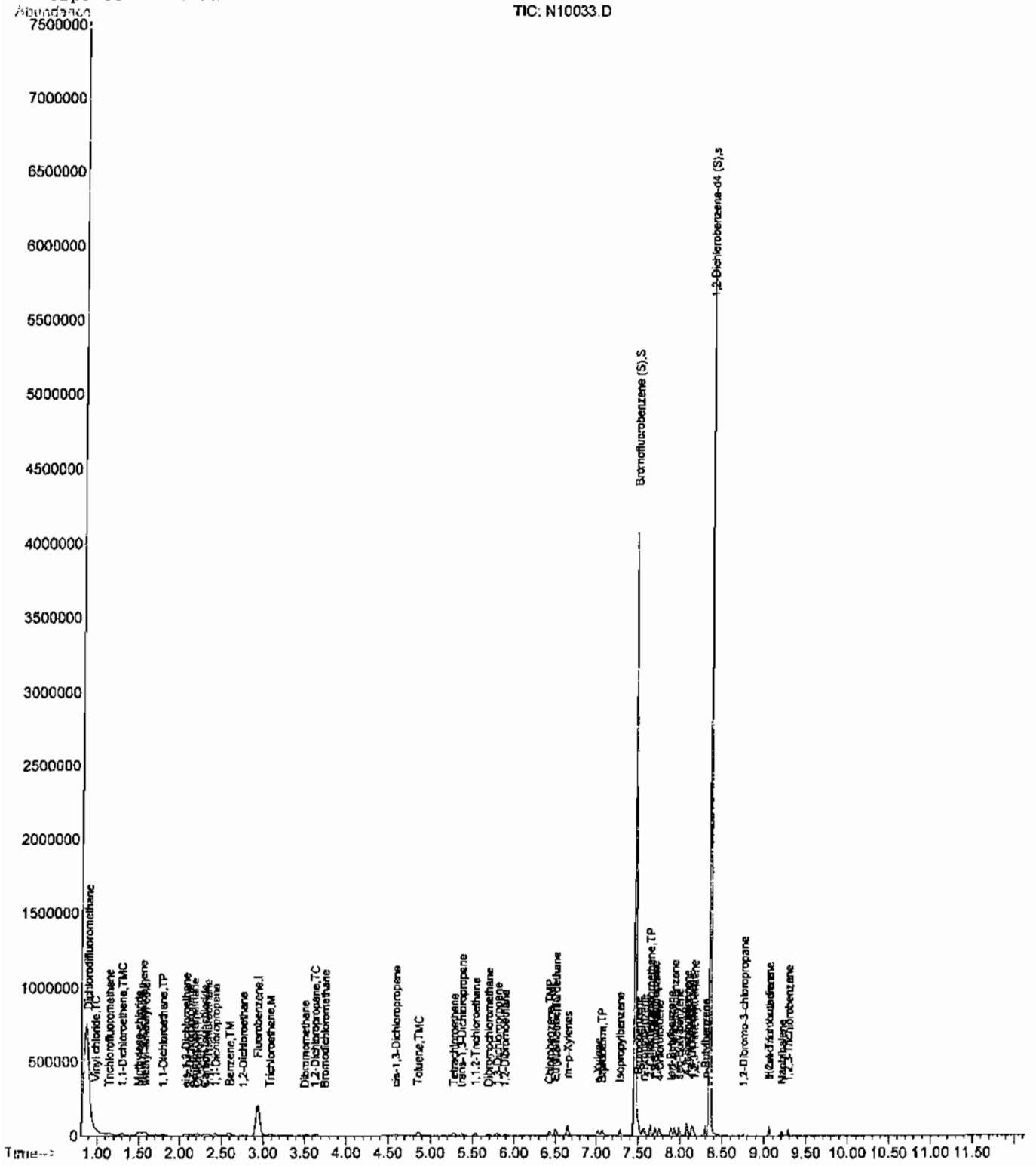
RLS, 12/27/07

| SAMPLE # | DATA FILE | ALS # | DILUTION | PARAMETER | MATRIX | pH | COMMENTS |
|---|---|---|---|---|---|---|---|
| ALAMC | ~~AB~~ND044 | 31 | — | 524.2 | AQ | 7.2 | ✓ |
| VBLK 122702 | ND045 | 32 | | | | | ✓ clean |
| E712D62-1 | 46 | 33 | | | | | THMs |
| -2 | 47 | 34 | | | | | ND |
| -3 | 48 | 35 | | | | | Trichloroethene, tetrachloroethene |
| -4 | 49 | 36 | | | | | ✓ ✓ |
| -5 | 50 | 37 | | | | | ND |
| -4 | 51 | 38 | | | | | MS failed high |
| -5 | 52 | 39 | | | | | MSD failed high |
| D13-3E | 53 | 40 | | | | | ~~Need to reanalyze to confirm due to surrogate failure, due to carryover~~ RLS 12/27/07 |
| -5E | 54 | 41 | | | | | Trichloroethene, tetrachloromethe RLS 12/27/07 |
| -6E | 55 | 42 | | | | | (ND), ND for 6E too |
| -7E | 56 | 43 | | | | | ND |
| -14 | 57 | 44 | | | | | ND |
| -15E | 58 | 45 | | | | | Methylene chloride |
| E77-1A | 59 | 46 | | | | | ND |
| -2A | 60 | 47 | | | | | xylenes, benzene, styrene |
| -3A | 61 | 48 | | | | | xylenes, benzene, styrene |
| E13-1 | 62 | 49 | | | | | THMs, 2- + 4-Chlorotoluene |
| D13-2E | 63 | 50 | | | | | ✓ ND |
| BLKWL | 64 | 51 | | | | | |

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10033.D Vial: 21
Acq On : 27 Dec 2007 2:53 pm Operator: ALB
Sample : VSTD00.5 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:04 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10033.D
Acq On : 27 Dec 2007 2:53 pm
Sample : VSTD00.5 ICAL
Misc :
MS Integration Parame: rteint.p
Quant Time: Dec 28 9:04 2007

Vial: 21
Operator: ALB
Inst : MS12
Multiplr: 1.00
Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 08:21:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | Qlon | Response | Conc | Units | | Dsv(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 348513 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.47 | 176 | 954833 | 11.08 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 110.80% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1110654 | 11.09 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 110.90% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 9884 | 1.54 | ppb | | 88 |
| 3) Chloromethane | 0.99 | 50 | 18674 | Below Cal | | | 77 |
| 4) Vinyl chloride | 0.99 | 62 | 13294 | 0.86 | ppb | | 81 |
| 5) Bromomethane | 1.08 | 94 | 9433m | Below Cal | | | |
| 6) Chloroethane | 1.11 | 64 | 5913m | Below Cal | | | |
| 7) Trichlorofluoromethane | 1.14 | 101 | 9184 | 0.75 | ppb | # | 70 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 7297 | 0.70 | ppb | | 87 |
| 9) Methylene chloride | 1.49 | 84 | 14004 | 0.92 | ppb | | 86 |
| 10) Methyl-tertbutyl ether | 1.59 | 73 | 18433 | 0.51 | ppb | | 99 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 6826 | 0.50 | ppb | # | 83 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 15725 | 0.55 | ppb | | 98 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 7514 | 0.40 | ppb | | 85 |
| 14) cis-1,2-Dichloroethene | 2.07 | 96 | 9612 | 0.55 | ppb | # | 50 |
| 15) Chloroform | 2.22 | 83 | 14478 | 0.54 | ppb | | 93 |
| 16) Bromochloromethane | 2.18 | 128 | 4341 | 0.48 | ppb | | 86 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 10743 | 0.61 | ppb | | 80 |
| 18) 1,1-Dichloropropene | 2.42 | 75 | 11251 | 0.57 | ppb | | 89 |
| 19) Carbon tetrachloride | 2.30 | 117 | 8845 | 0.49 | ppb | | 86 |
| 20) Benzene | 2.60 | 78 | 30158 | 0.52 | ppb | | 96 |
| 21) 1,2-Dichloroethane | 2.77 | 62 | 10184 | 0.50 | ppb | | 90 |
| 22) Trichloroethene | 3.09 | 130 | 8112m | 0.51 | ppb | | |
| 23) 1,2-Dichloropropane | 3.62 | 63 | 8329 | 0.58 | ppb | # | 72 |
| 24) Bromodichloromethane | 3.75 | 83 | 9601 | 0.51 | ppb | # | 56 |
| 25) Dibromomethane | 3.51 | 93 | 5106 | 0.50 | ppb | # | 64 |
| 26) cis-1,3-Dichloropropene | 4.59 | 75 | 11200 | 0.48 | ppb | | 79 |
| 27) Toluene | 4.85 | 92 | 16131m | 0.49 | ppb | | |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 8737 | 0.42 | ppb | | 82 |
| 29) 1,1,2-Trichloroethane | 5.54 | 97 | 7382 | 0.56 | ppb | | 87 |
| 30) 1,2-Dibromoethane | 5.89 | 109 | 7393 | 0.51 | ppb | # | 78 |
| 32) 1,3-Dichloropropane | 5.79 | 76 | 11363 | 0.49 | ppb | | 98 |
| 33) Tetrachloroethene | 5.27 | 164 | 6823 | 0.62 | ppb | # | 63 |
| 34) Dibromochloromethane | 5.69 | 129 | 7452 | 0.48 | ppb | | 97 |
| 35) Chlorobenzene | 6.43 | 112 | 18475 | 0.53 | ppb | | 99 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 5672 | 0.48 | ppb | | 89 |
| 37) Ethylbenzene | 6.50 | 91 | 30811 | 0.54 | ppb | | 94 |
| 38) m+p-Xylenes | 6.65 | 91 | 47359 | 1.11 | ppb | | 95 |
| 39) o-Xylene | 7.02 | 91 | 23171 | 0.49 | ppb | | 85 |
| 40) Styrene | 7.07 | 104 | 18059m | 0.48 | ppb | | |
| 41) Bromoform | 7.06 | 173 | 4914 | 0.48 | ppb | | 92 |
| 42) Isopropylbenzene | 7.28 | 105 | 27023 | 0.56 | ppb | | 89 |
| 43) 1,1,2,2-Tetrachloroethane | 7.63 | 83 | 9862 | 0.54 | ppb | | 99 |
| 44) 1,2,3-Trichloropropane | 7.69 | 110 | 2449 | 0.50 | ppb | | 95 |
| 45) n-Propylbenzene | 7.57 | 91 | 37357 | 0.59 | ppb | | 90 |
| 46) Bromobenzene | 7.51 | 156 | 8782 | 0.54 | ppb | | 97 |
| 47) 2-Chlorotoluene | 7.64 | 91 | 22085m | 0.55 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 21291 | 0.54 | ppb | | 85 |
| 49) 1,3,5-Trimethylbenzene | 7.71 | 105 | 21671 | 0.51 | ppb | | 88 |
| 50) tert-Butylbenzene | 7.89 | 134 | 5495 | 0.54 | ppb | # | 83 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 22431 | 0.54 | ppb | | 91 |
| 52) sec-Butylbenzene | 7.99 | 105 | 31527 | 0.55 | ppb | | 96 |

(#) = qualifier out of range (m) = manual integration
N10033.D 524TEST.M Mon Jan 28 11:30:35 2008

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10033.D Vial: 21
Acq On : 27 Dec 2007 2:53 pm Operator: ALB
Sample : VSTD00.5 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:04 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 08:21:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

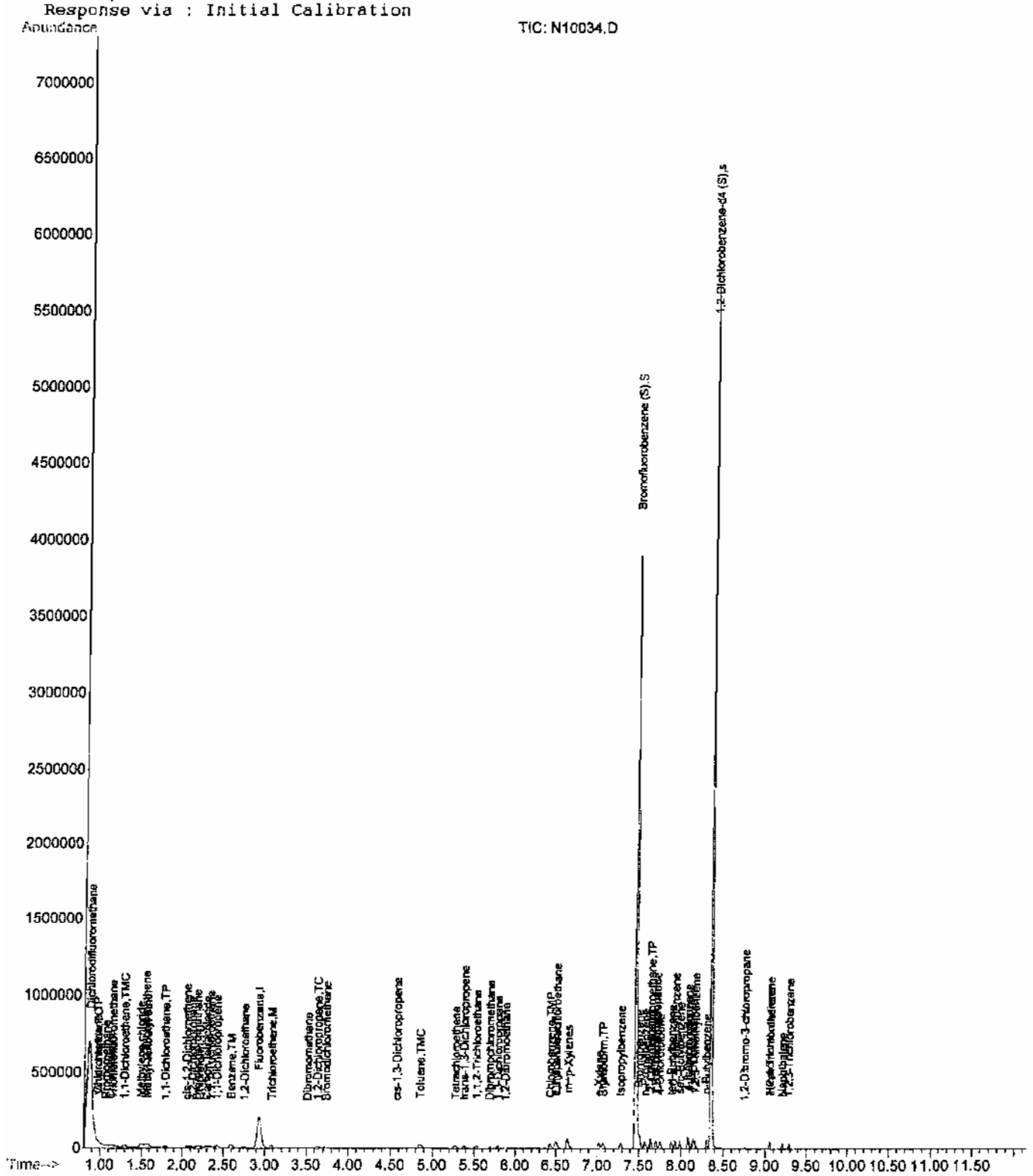
| Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 24611 | 0.56 ppb | | 88 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 14998 | 0.54 ppb | | 86 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 16375 | 0.57 ppb | | 88 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 19760 | 0.49 ppb | | 86 |
| 57) n-Butylbenzene | 8.30 | 134 | 5750 | 0.57 ppb | # | 82 |
| 59) 1,2-Dichlorobenzene | 8.36 | 146 | 15121 | 0.58 ppb | # | 83 |
| 60) 1,2-Dibromo-3-chloropropan | 8.76 | 75 | 1235 | 0.40 ppb | # | 47 |
| 61) 1,2,4-Trichlorobenzene | 9.07 | 180 | 8801 | 0.58 ppb | | 95 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 4032 | 0.70 ppb | | 84 |
| 63) Naphthalene | 9.21 | 128 | 15597 | 0.39 ppb | | 94 |
| 64) 1,2,3-Trichlorobenzene | 9.29 | 180 | 7931 | 0.57 ppb | | 87 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10034.D Vial: 22
Acq On : 27 Dec 2007 3:12 pm Operator: ALB
Sample : VSTD00.5 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:07 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10034.D
Acq On : 27 Dec 2007 3:12 pm
Sample : VSTD00.5 ICAL
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 28 9:07 2007

Vial: 22
Operator: ALB
Inst : MS12
Multiplr: 1.00
Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 341571 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 949231 | 11.24 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 112.40% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1104854 | 11.26 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 112.60% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.89 | 85 | 9822 | 1.56 | ppb | | 73 |
| 3) Chloromethane | 0.98 | 50 | 16277 | 0.88 | ppb | | 100 |
| 4) Vinyl chloride | 0.99 | 62 | 12079 | 0.80 | ppb | | 76 |
| 5) Bromomethane | 1.06 | 94 | 7426m | 1.33 | ppb | | |
| 6) Chloroethane | 1.12 | 64 | 4706m | 0.72 | ppb | | |
| 7) Trichlorofluoromethane | 1.15 | 101 | 9081 | 0.75 | ppb | | 100 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 6794 | 0.66 | ppb | | 84 |
| 9) Methylene chloride | 1.49 | 84 | 12705 | 0.85 | ppb | # | 70 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 17629 | 0.50 | ppb | | 81 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 7925 | 0.59 | ppb | # | 64 |
| 12) 1,1-Dichloroethane | 1.79 | 63 | 16312 | 0.58 | ppb | | 84 |
| 13) 2,2-Dichloropropane | 2.11 | 77 | 6997 | 0.38 | ppb | | 95 |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 9788 | 0.57 | ppb | # | 30 |
| 15) Chloroform | 2.22 | 83 | 13340 | 0.51 | ppb | | 81 |
| 16) Bromochloromethane | 2.18 | 128 | 4248 | 0.48 | ppb | # | 81 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 9556 | 0.56 | ppb | | 92 |
| 18) 1,1-Dichloropropene | 2.42 | 75 | 10507 | 0.54 | ppb | | 70 |
| 19) Carbon tetrachloride | 2.29 | 117 | 9442 | 0.54 | ppb | # | 71 |
| 20) Benzene | 2.60 | 78 | 30419 | 0.54 | ppb | | 93 |
| 21) 1,2-Dichloroethane | 2.76 | 62 | 10835 | 0.54 | ppb | | 86 |
| 22) Trichloroethene | 3.08 | 130 | 8521 | 0.55 | ppb | # | 83 |
| 23) 1,2-Dichloropropane | 3.62 | 63 | 7438 | 0.53 | ppb | | 81 |
| 24) Bromodichloromethane | 3.73 | 83 | 8426 | 0.45 | ppb | | 91 |
| 25) Dibromomethane | 3.51 | 93 | 4974 | 0.49 | ppb | # | 71 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 10351 | 0.45 | ppb | | 99 |
| 27) Toluene | 4.85 | 92 | 17923 | 0.56 | ppb | | 98 |
| 28) trans-1,3-Dichloropropene | 5.38 | 75 | 9041 | 0.44 | ppb | | 75 |
| 29) 1,1,2-Trichloroethane | 5.53 | 97 | 6026 | 0.46 | ppb | | 86 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 7398 | 0.52 | ppb | # | 71 |
| 32) 1,3-Dichloropropane | 5.79 | 76 | 12008 | 0.52 | ppb | | 92 |
| 33) Tetrachloroethene | 5.27 | 164 | 5487 | 0.51 | ppb | # | 79 |
| 34) Dibromochloromethane | 5.69 | 129 | 7393 | 0.49 | ppb | | 95 |
| 35) Chlorobenzene | 6.43 | 112 | 19822 | 0.58 | ppb | | 97 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 6077m | 0.52 | ppb | | |
| 37) Ethylbenzene | 6.50 | 91 | 29194 | 0.52 | ppb | | 94 |
| 38) m+p-Xylenes | 6.65 | 91 | 47136 | 1.12 | ppb | | 98 |
| 39) o-Xylene | 7.02 | 91 | 25037 | 0.54 | ppb | | 99 |
| 40) Styrene | 7.08 | 104 | 18382 | 0.50 | ppb | | 78 |
| 41) Bromoform | 7.06 | 173 | 4494 | 0.45 | ppb | | 97 |
| 42) Isopropylbenzene | 7.28 | 105 | 22889 | 0.49 | ppb | | 88 |
| 43) 1,1,2,2-Tetrachloroethane | 7.63 | 83 | 9969 | 0.56 | ppb | | 93 |
| 44) 1,2,3-Trichloropropane | 7.69 | 110 | 2540 | 0.53 | ppb | # | 39 |
| 45) n-Propylbenzene | 7.57 | 91 | 33266m | 0.54 | ppb | | |
| 46) Bromobenzene | 7.51 | 156 | 8944 | 0.57 | ppb | # | 80 |
| 47) 2-Chlorotoluene | 7.64 | 91 | 21699m | 0.56 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 22326 | 0.58 | ppb | | 91 |
| 49) 1,3,5-Trimethylbenzene | 7.71 | 105 | 21661 | 0.52 | ppb | | 91 |
| 50) tert-Butylbenzene | 7.89 | 134 | 4688 | 0.47 | ppb | # | 87 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 21955 | 0.54 | ppb | | 99 |
| 52) sec-Butylbenzene | 7.99 | 105 | 30244 | 0.54 | ppb | | 99 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10034.D Vial: 22
Acq On : 27 Dec 2007 3:12 pm Operator: ALB
Sample : VSTD00.5 ICAL Inst : MS12
Misc : Mnltiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:07 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

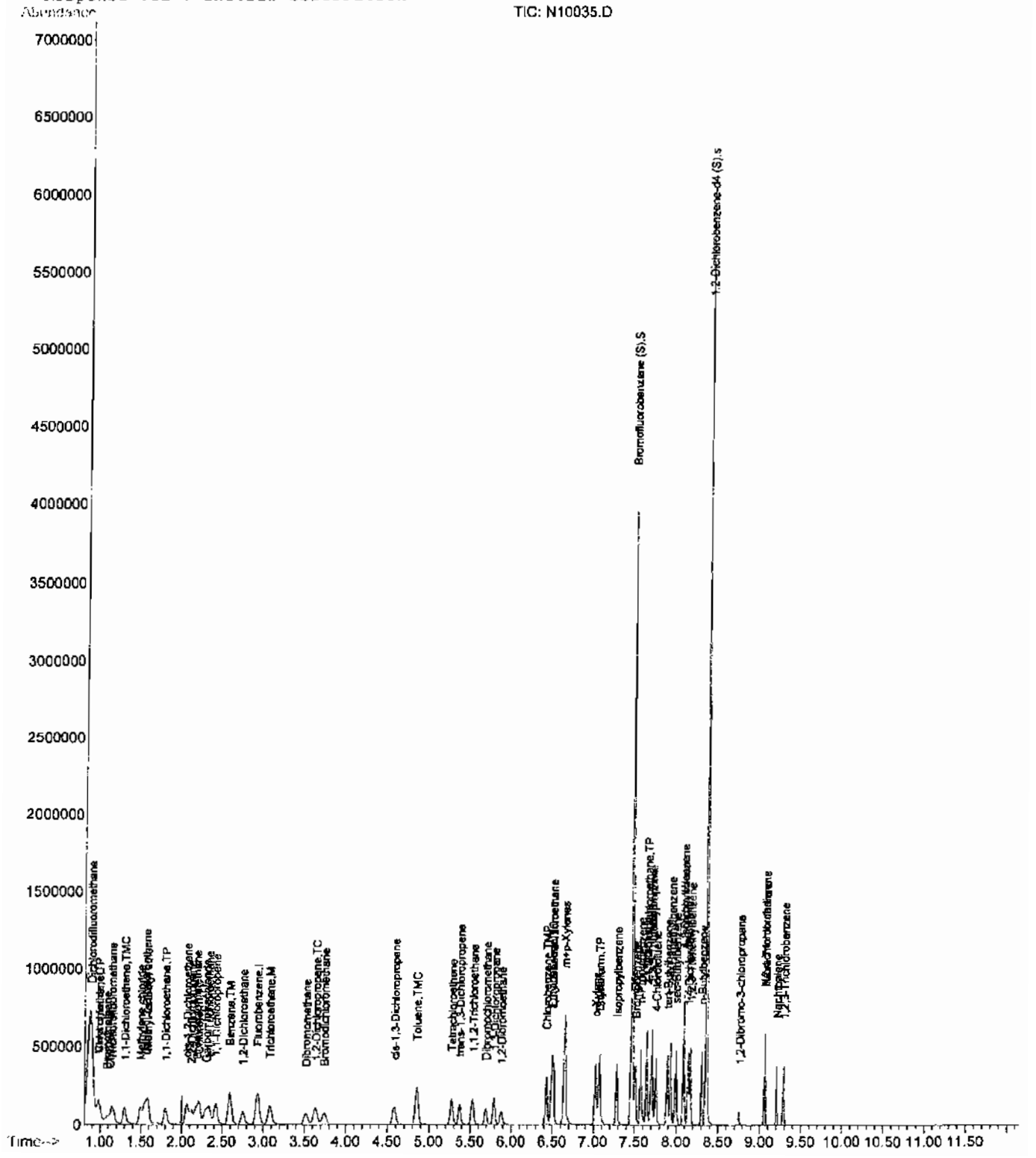
| Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 23140 | 0.54 | ppb | | 95 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 15683 | 0.58 | ppb | | 91 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 15552 | 0.55 | ppb | | 91 |
| 56) 1,2,3-Trimethylbenzene | 8.16 | 105 | 20451 | 0.52 | ppb | | 87 |
| 57) n-Butylbenzene | 8.30 | 134 | 5725 | 0.58 | ppb | # | 91 |
| 59) 1,2-Dichlorobenzene | 8.36 | 146 | 14138 | 0.55 | ppb | # | 73 |
| 60) 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 1135 | 0.37 | ppb | # | 86 |
| 61) 1,2,4-Trichlorobenzene | 9.07 | 180 | 8543 | 0.57 | ppb | | 93 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 3047 | 0.54 | ppb | # | 43 |
| 63) Naphthalene | 9.21 | 128 | 16764 | 0.43 | ppb | | 97 |
| 64) 1,2,3-Trichlorobenzene | 9.28 | 180 | 7181 | 0.53 | ppb | | 96 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10035.D Vial: 23
Acq On : 27 Dec 2007 3:31 pm Operator: ALB
Sample : VSTD005 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:09 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10035.D
Acq On : 27 Dec 2007 3:31 pm
Sample : VSTD005 ICAL
Misc :
MS Intogration Params: rteint.p
Quant Time: Dec 28 9:09 2007

Vial: 23
Operator: ALB
Inst : MS12
Multiplr: 1.00
Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 344045 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 894893 | 10.52 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 105.20% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1042633 | 10.55 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 105.50% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 107425 | 16.97 | ppb | | 89 |
| 3) Chloromethane | 0.97 | 50 | 141187 | 7.61 | ppb | | 99 |
| 4) Vinyl chloride | 0.98 | 62 | 135898 | 8.93 | ppb | | 94 |
| 5) Bromomethane | 1.07 | 94 | 43872m | 7.77 | ppb | | |
| 6) Chloroethane | 1.11 | 64 | 50722 | 7.66 | ppb | | 87 |
| 7) Trichlorofluoromethane | 1.15 | 101 | 104863 | 8.62 | ppb | | 97 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 57741 | 5.61 | ppb | # | 83 |
| 9) Methylene chloride | 1.50 | 84 | 77986 | 5.20 | ppb | # | 82 |
| 10) Methyl-tertbutyl ether | 1.59 | 73 | 170688 | 4.81 | ppb | | 95 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 71865 | 5.30 | ppb | # | 85 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 156144 | 5.55 | ppb | | 95 |
| 13) 2,2-Dichloropropane | 2.13 | 77 | 78096m | 4.21 | ppb | | |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 93896 | 5.40 | ppb | # | 59 |
| 15) Chloroform | 2.22 | 83 | 142666 | 5.39 | ppb | | 92 |
| 16) Bromochloromethane | 2.18 | 128 | 47797 | 5.37 | ppb | | 88 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 99177 | 5.73 | ppb | | 96 |
| 18) 1,1-Dichloropropene | 2.42 | 75 | 105589 | 5.40 | ppb | | 96 |
| 19) Carbon tetrachloride | 2.30 | 117 | 97593 | 5.52 | ppb | | 94 |
| 20) Benzene | 2.59 | 78 | 299935 | 5.27 | ppb | | 95 |
| 21) 1,2-Dichloroethane | 2.76 | 62 | 114298 | 5.65 | ppb | | 99 |
| 22) Trichloroethene | 3.08 | 130 | 82162 | 5.23 | ppb | | 91 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 76612 | 5.38 | ppb | | 93 |
| 24) Bromodichloromethane | 3.74 | 83 | 101160 | 5.42 | ppb | | 91 |
| 25) Dibromomethaue | 3.51 | 93 | 55701 | 5.49 | ppb | | 96 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 115590 | 5.00 | ppb | | 98 |
| 27) Toluene | 4.86 | 92 | 171489 | 5.29 | ppb | | 95 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 97537 | 4.72 | ppb | | 97 |
| 29) 1,1,2-Tricbloroethane | 5.53 | 97 | 69821 | 5.34 | ppb | | 95 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 75975 | 5.32 | ppb | | 99 |
| 32) 1,3-Dichloropropane | 5.79 | 76 | 119732 | 5.18 | ppb | | 98 |
| 33) Tetrachloroethene | 5.27 | 164 | 55800 | 5.12 | ppb | | 87 |
| 34) Dibromochloromethane | 5.69 | 129 | 77181 | 5.06 | ppb | | 84 |
| 35) Chlorobenzene | 6.42 | 112 | 188371 | 5.46 | ppb | | 96 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 63164 | 5.36 | ppb | | 92 |
| 37) Ethylbonzene | 6.49 | 91 | 302091 | 5.37 | ppb | | 98 |
| 38) m+p-Xylenes | 6.64 | 91 | 463032 | 10.96 | ppb | | 91 |
| 39) o-Xylene | 7.02 | 91 | 246305 | 5.24 | ppb | | 89 |
| 40) Styrene | 7.07 | 104 | 197760 | 5.38 | ppb | | 86 |
| 41) Bromoform | 7.06 | 173 | 49214 | 4.84 | ppb | | 90 |
| 42) Isopropylbenzene | 7.28 | 105 | 261116 | 5.49 | ppb | | 97 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 92827 | 5.15 | ppb | | 91 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 26160 | 5.42 | ppb | | 89 |
| 45) n-Propylbenzene | 7.57 | 91 | 324616 | 5.19 | ppb | | 100 |
| 46) Bromobenzene | 7.51 | 156 | 86933 | 5.46 | ppb | # | 80 |
| 47) 2-Chlorotoluene | 7.65 | 91 | 220614m | 5.61 | ppb | | |
| 48) 4-Chlorotoluene | 7.76 | 91 | 210711 | 5.45 | ppb | | 81 |
| 49) 1,3,5-Trimethylbenzene | 7.70 | 105 | 226707 | 5.39 | ppb | | 95 |
| 50) tert-Butylbenzene | 7.89 | 134 | 49396 | 4.91 | ppb | # | 94 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 222078m | 5.46 | ppb | | |
| 52) sec-Butylbenzene | 7.99 | 105 | 287188 | 5.09 | ppb | | 97 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10035.D Vial: 23
Acq On : 27 Dec 2007 3:31 pm Operator: ALB
Sample : VSTD005 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:09 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

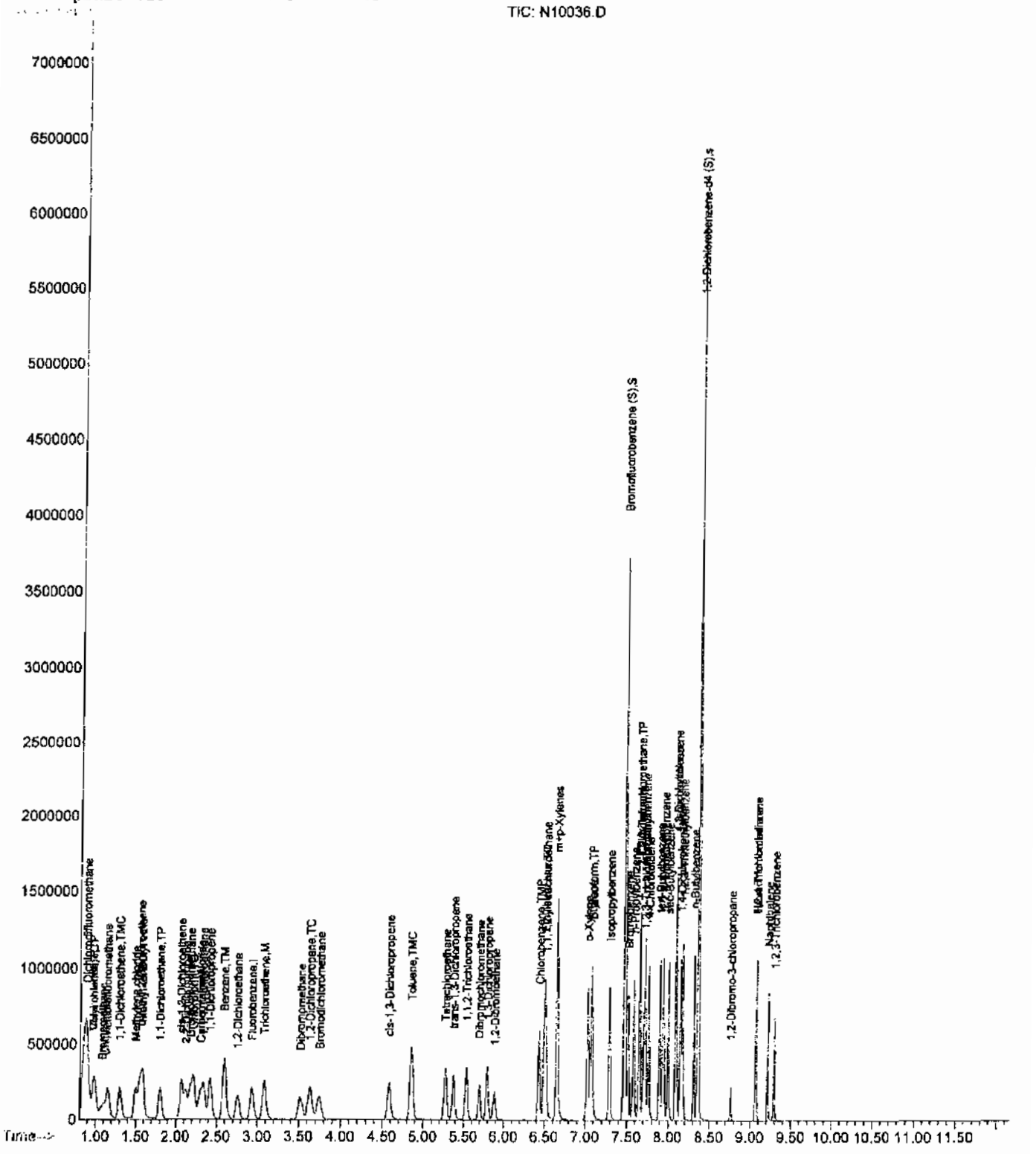
| Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 227339 | 5.23 | ppb | | 99 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 147557 | 5.38 | ppb | | 94 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 152103 | 5.36 | ppb | | 92 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 209157 | 5.26 | ppb | | 94 |
| 57) n-Butylbenzene | 8.30 | 134 | 54131 | 5.41 | ppb | # | 80 |
| 59) 1,2-Dichlorobenzene | 8.35 | 146 | 137611 | 5.34 | ppb | | 96 |
| 60) 1,2-Dibromo-3-chloropropan | 8.76 | 75 | 13718 | 4.46 | ppb | # | 48 |
| 61) 1,2,4-Trichlorobenzene | 9.06 | 180 | 80717 | 5.37 | ppb | | 98 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 28881 | 5.88 | ppb | | 93 |
| 63) Naphthalene | 9.20 | 128 | 169138 | 4.34 | ppb | | 100 |
| 64) 1,2,3-Trichlorobenzene | 9.29 | 180 | 74199 | 5.43 | ppb | | 89 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10036.D Vial: 24
Acq On : 27 Dec 2007 3:50 pm Operator: ALB
Sample : VSTD010 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:13 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10036.D
Acq On : 27 Dec 2007 3:50 pm
Sample : VSTD010 ICAL
Misc :
MS Intogration Params: rteint.p
Quant Time: Dec 28 9:13 2007

Vial: 24
Operator: ALB
Inst : MS12
Multiplr: 1.00
Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 348376 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.47 | 176 | 934985 | 10.85 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 108.50% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1090105 | 10.89 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 108.90% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 215875 | 33.68 | ppb | | 95 |
| 3) Chloromethane | 0.98 | 50 | 288141m | 15.33 | ppb | | |
| 4) Vinyl chloride | 0.97 | 62 | 267014 | 17.33 | ppb | | 99 |
| 5) Bromomethane | 1.07 | 94 | 79831m | 13.97 | ppb | | |
| 6) Chloroethane | 1.11 | 64 | 94427m | 14.09 | ppb | | |
| 7) Trichlorofluoromethane | 1.15 | 101 | 194533 | 15.80 | ppb | | 98 |
| 8) 1,1-Dichloroethene | 1.29 | 96 | 122037 | 11.71 | ppb | # | 84 |
| 9) Methylene chloride | 1.50 | 84 | 154264 | 10.15 | ppb | # | 79 |
| 10) Methyl-tertbutyl ether | 1.59 | 73 | 348237m | 9.70 | ppb | | |
| 11) trans-1,2-Dichloroethene | 1.56 | 96 | 143591 | 10.46 | ppb | # | 87 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 310017 | 10.88 | ppb | | 95 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 167704m | 8.92 | ppb | | |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 189828 | 10.79 | ppb | # | 56 |
| 15) Chloroform | 2.22 | 83 | 286082 | 10.66 | ppb | | 94 |
| 16) Bromochloromethane | 2.18 | 128 | 97381 | 10.80 | ppb | | 99 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 197978 | 11.29 | ppb | | 97 |
| 18) 1,1-Dichloropropene | 2.41 | 75 | 209296 | 10.58 | ppb | | 98 |
| 19) Carbon tetrachloride | 2.30 | 117 | 199229m | 11.13 | ppb | | |
| 20) Benzene | 2.59 | 78 | 606442 | 10.53 | ppb | | 96 |
| 21) 1,2-Dichloroethane | 2.76 | 62 | 224288 | 10.95 | ppb | | 95 |
| 22) Trichloroethene | 3.09 | 130 | 172350 | 10.84 | ppb | | 91 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 154432 | 10.72 | ppb | | 95 |
| 24) Bromodichloromethane | 3.74 | 83 | 208240 | 11.02 | ppb | | 97 |
| 25) Dibromomethane | 3.52 | 93 | 111187 | 10.83 | ppb | | 94 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 242315 | 10.34 | ppb | | 96 |
| 27) Toluene | 4.85 | 92 | 350079 | 10.66 | ppb | | 98 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 203951 | 9.75 | ppb | | 94 |
| 29) 1,1,2-Trichloroethane | 5.53 | 97 | 139686 | 10.55 | ppb | | 94 |
| 30) 1,2-Dibromoethane | 5.89 | 109 | 151170 | 10.45 | ppb | | 92 |
| 32) 1,3-Dichloropropane | 5.79 | 76 | 242413 | 10.36 | ppb | | 99 |
| 33) Tetrachloroethene | 5.27 | 164 | 121376 | 11.01 | ppb | | 91 |
| 34) Dibromochloromethane | 5.69 | 129 | 162240 | 10.50 | ppb | | 94 |
| 35) Chlorobenzene | 6.43 | 112 | 379918 | 10.87 | ppb | | 95 |
| 36) 1,1,1,2-Tetrachloroethane | 6.52 | 133 | 127030 | 10.65 | ppb | | 97 |
| 37) Ethylbenzene | 6.50 | 91 | 611312 | 10.74 | ppb | | 98 |
| 38) m+p-Xylenes | 6.64 | 91 | 933826 | 21.84 | ppb | | 95 |
| 39) o-Xylene | 7.02 | 91 | 508362 | 10.67 | ppb | | 94 |
| 40) Styrene | 7.07 | 104 | 397162 | 10.67 | ppb | | 91 |
| 41) Bromoform | 7.07 | 173 | 107911 | 10.48 | ppb | | 98 |
| 42) Isopropylbenzene | 7.28 | 105 | 522327 | 10.85 | ppb | | 95 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 185271 | 10.16 | ppb | | 95 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 51476 | 10.53 | ppb | | 78 |
| 45) n-Propylbenzene | 7.58 | 91 | 681976m | 10.77 | ppb | | |
| 46) Bromobenzene | 7.51 | 156 | 174032 | 10.80 | ppb | | 94 |
| 47) 2-Chlorotoluene | 7.65 | 91 | 435210m | 10.93 | ppb | | |
| 48) 4-Chlorotoluene | 7.76 | 91 | 412952 | 10.54 | ppb | | 91 |
| 49) 1,3,5-Trimethylbenzene | 7.71 | 105 | 459805 | 10.79 | ppb | | 92 |
| 50) tert-Butylbenzene | 7.89 | 134 | 105204 | 10.33 | ppb | # | 92 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 447693 | 10.87 | ppb | | 96 |
| 52) sec-Butylbenzene | 7.99 | 105 | 598699 | 10.47 | ppb | | 95 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10036.D Vial: 24
Acq On : 27 Dec 2007 3:50 pm Operator: ALB
Sample : VSTD010 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:13 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 471413 | 10.70 | ppb | | 96 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 306340 | 11.03 | ppb | | 93 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 299376 | 10.42 | ppb | | 95 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 427340 | 10.62 | ppb | | 97 |
| 57) n-Butylbenzene | 8.30 | 134 | 107244 | 10.58 | ppb | # | 78 |
| 59) 1,2-Dichlorobenzene | 8.36 | 146 | 273657 | 10.49 | ppb | | 96 |
| 60) 1,2-Dibromo-3-chloropropan | 8.76 | 75 | 29800 | 9.57 | ppb | | 94 |
| 61) 1,2,4-Trichlorobenzene | 9.07 | 180 | 160314 | 10.54 | ppb | | 99 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 62410 | 10.83 | ppb | | 100 |
| 63) Naphthalene | 9.21 | 128 | 373547 | 9.46 | ppb | | 97 |
| 64) 1,2,3-Trichlorobenzene | 9.30 | 180 | 144816 | 10.46 | ppb | | 97 |

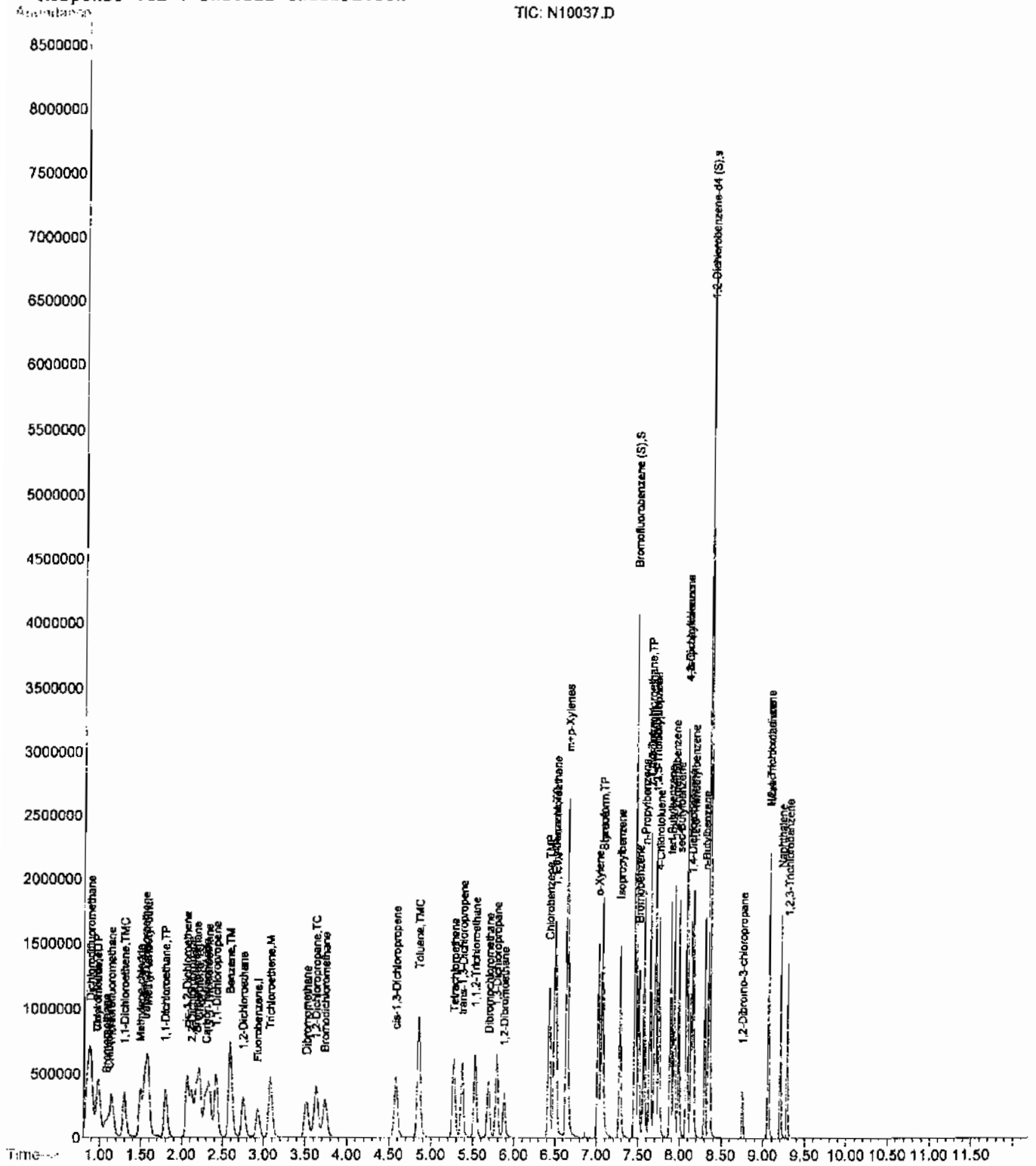
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10037.D Vial: 25
Acq On : 27 Dec 2007 4:09 pm Operator: ALB
Sample : VSTD020 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:15 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration

TIC: N10037.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10037.D Vial: 25
Acq On : 27 Dec 2007 4:09 pm Operator: ALB
Sample : VSTD020 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:15 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 353580 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 943383 | 10.79 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 107.90% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1085721 | 10.69 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 106.90% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 380172 | 58.44 | ppb | | 95 |
| 3) Chloromethane | 0.97 | 50 | 502066m | 26.32 | ppb | | |
| 4) Vinyl chloride | 0.98 | 62 | 469500 | 30.02 | ppb | | 97 |
| 5) Bromomethane | 1.07 | 94 | 133361m | 22.99 | ppb | | |
| 6) Chloroethane | 1.11 | 64 | 152888 | 22.48 | ppb | | 95 |
| 7) Trichlorofluoromethane | 1.14 | 101 | 326129 | 26.10 | ppb | | 98 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 204357 | 19.32 | ppb | # | 79 |
| 9) Methylene chloride | 1.49 | 84 | 279025 | 18.10 | ppb | # | 79 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 683183 | 18.75 | ppb | | 95 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 263335 | 18.91 | ppb | # | 83 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 555672 | 19.22 | ppb | | 96 |
| 13) 2,2-Dichloropropane | 2.13 | 77 | 325184m | 17.05 | ppb | | |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 351657 | 19.69 | ppb | # | 57 |
| 15) Chloroform | 2.22 | 83 | 517631 | 19.01 | ppb | | 98 |
| 16) Bromochloromethane | 2.18 | 128 | 183221 | 20.02 | ppb | | 95 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 368378 | 20.69 | ppb | | 94 |
| 18) 1,1-Dichloropropene | 2.42 | 75 | 376539 | 18.75 | ppb | | 99 |
| 19) Carbon tetrachloride | 2.30 | 117 | 359686 | 19.81 | ppb | | 97 |
| 20) Benzene | 2.59 | 78 | 1114098 | 19.05 | ppb | | 99 |
| 21) 1,2-Dichloroethane | 2.75 | 62 | 423912 | 20.38 | ppb | | 100 |
| 22) Trichloroethene | 3.08 | 130 | 308681 | 19.12 | ppb | | 92 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 287364 | 19.65 | ppb | | 99 |
| 24) Bromodichloromethane | 3.74 | 83 | 387380 | 20.20 | ppb | | 98 |
| 25) Dibromomethane | 3.51 | 93 | 208724 | 20.03 | ppb | | 100 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 455078 | 19.14 | ppb | | 100 |
| 27) Toluene | 4.85 | 92 | 647300 | 19.42 | ppb | | 100 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 408413 | 19.23 | ppb | | 91 |
| 29) 1,1,2-Trichloroethane | 5.52 | 97 | 268364 | 19.98 | ppb | | 94 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 296257 | 20.18 | ppb | | 96 |
| 32) 1,3-Dichloropropane | 5.78 | 76 | 460813 | 19.41 | ppb | | 98 |
| 33) Tetrachloroethene | 5.27 | 164 | 219614 | 19.63 | ppb | | 95 |
| 34) Dibromochloromethane | 5.69 | 129 | 314273 | 20.04 | ppb | | 97 |
| 35) Chlorobenzene | 6.42 | 112 | 698480 | 19.68 | ppb | | 95 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 239512 | 19.78 | ppb | | 96 |
| 37) Ethylbenzene | 6.49 | 91 | 1129333 | 19.54 | ppb | | 100 |
| 38) m+p-Xylenes | 6.64 | 91 | 1707656 | 39.34 | ppb | | 89 |
| 39) o-Xylene | 7.01 | 91 | 944802 | 19.55 | ppb | | 95 |
| 40) Styrene | 7.07 | 104 | 733207 | 19.40 | ppb | | 87 |
| 41) Bromoform | 7.06 | 173 | 213633 | 20.44 | ppb | | 98 |
| 42) Isopropylbenzene | 7.27 | 105 | 932978 | 19.10 | ppb | | 96 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 371873 | 20.09 | ppb | | 93 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 103039 | 20.76 | ppb | | 94 |
| 45) n-Propylbenzene | 7.57 | 91 | 1240614 | 19.30 | ppb | | 98 |
| 46) Bromobenzene | 7.51 | 156 | 321826 | 19.67 | ppb | # | 68 |
| 47) 2-Chlorotoluene | 7.65 | 91 | 809470m | 20.03 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 765671 | 19.26 | ppb | | 96 |
| 49) 1,3,5-Trimethylbenzene | 7.70 | 105 | 849437 | 19.63 | ppb | | 95 |
| 50) tert-Butylbenzene | 7.89 | 134 | 195859 | 18.94 | ppb | # | 91 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 820289 | 19.62 | ppb | | 93 |
| 52) sec-Butylbenzene | 7.99 | 105 | 1089688 | 18.78 | ppb | | 98 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10037.D Vial: 25
Acq On : 27 Dec 2007 4.09 pm Operator: ALB
Sample : VSTD020 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:15 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

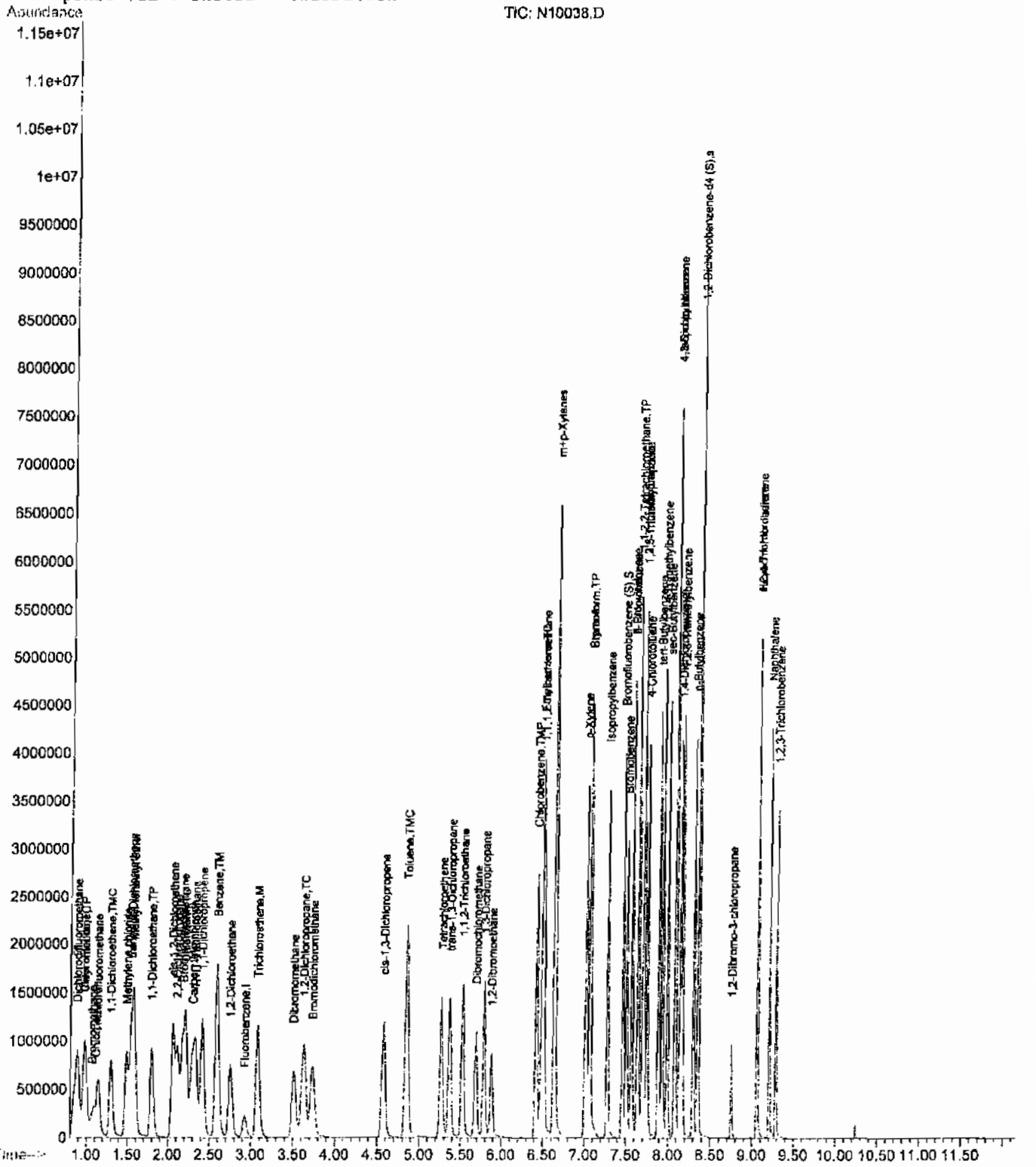
| Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 859894 | 19.24 ppb | | 97 |
| 54) 1,3-Dichlorobenzene | 8.08 | 146 | 553586 | 19.63 ppb | | 97 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 563711 | 19.34 ppb | | 90 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 804328 | 19.70 ppb | | 94 |
| 57) n-Butylbenzene | 8.30 | 134 | 194059 | 18.86 ppb | # | 81 |
| 59) 1,2-Dichlorobenzene | 8.35 | 146 | 506846 | 19.14 ppb | | 96 |
| 60) 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 58922 | 18.65 ppb | # | 77 |
| 61) 1,2,4-Trichlorobenzene | 9.06 | 180 | 294678 | 19.08 ppb | | 97 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 113455 | 19.40 ppb | | 97 |
| 63) Naphthalene | 9.20 | 128 | 723997 | 18.07 ppb | | 98 |
| 64) 1,2,3-Trichlorobenzene | 9.29 | 180 | 272625 | 19.41 ppb | | 93 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10038.D Vial: 26
Acq On : 27 Dec 2007 4:28 pm Operator: ALB
Sample : VSTD050 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:17 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response Via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10038.D
Acq On : 27 Dec 2007 4:28 pm
Sample : VSTD050 ICAL
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 28 9:17 2007

Vial: 26
Operator: ALB
Inst : MS12
Multiplr: 1.00

Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 344702 | 1.00 | ppb | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 917906 | 10.77 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 107.70% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1044596 | 10.55 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 105.50% | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 809347 | 127.63 | ppb | | 100 |
| 3) Chloromethane | 0.98 | 50 | 1138003m | 61.20 | ppb | | |
| 4) Vinyl chloride | 0.98 | 62 | 1054649 | 69.17 | ppb | | 100 |
| 5) Bromomethane | 1.07 | 94 | 275837 | 48.77 | ppb | | 97 |
| 6) Chloroethane | 1.11 | 64 | 298154m | 44.96 | ppb | | |
| 7) Trichlorofluoromethane | 1.14 | 101 | 564612 | 46.34 | ppb | | 98 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 458320 | 44.43 | ppb | # | 83 |
| 9) Methylene chloride | 1.50 | 84 | 668142 | 44.45 | ppb | # | 81 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 1609617 | 45.32 | ppb | | 94 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 626187 | 46.12 | ppb | # | 86 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 1358584 | 48.21 | ppb | | 95 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 817570m | 43.97 | ppb | | |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 846477 | 48.62 | ppb | # | 57 |
| 15) Chloroform | 2.22 | 83 | 1253483 | 47.22 | ppb | | 96 |
| 16) Bromochloromethane | 2.18 | 128 | 448237 | 50.24 | ppb | | 95 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 882858 | 50.87 | ppb | | 93 |
| 18) 1,1-Dichloropropene | 2.41 | 75 | 926563 | 47.32 | ppb | | 99 |
| 19) Carbon tetrachloride | 2.30 | 117 | 868449 | 49.06 | ppb | | 98 |
| 20) Benzene | 2.59 | 78 | 2672780 | 46.89 | ppb | | 100 |
| 21) 1,2-Dichloroethane | 2.75 | 62 | 1037675 | 51.18 | ppb | | 96 |
| 22) Trichloroethene | 3.08 | 130 | 763623 | 48.52 | ppb | | 96 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 705897 | 49.50 | ppb | | 95 |
| 24) Bromodichloromethane | 3.74 | 83 | 955034 | 51.08 | ppb | | 99 |
| 25) Dibromomethane | 3.52 | 93 | 518593 | 51.05 | ppb | | 95 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 1167428 | 50.35 | ppb | | 99 |
| 27) Toluene | 4.85 | 92 | 1565897 | 48.19 | ppb | | 96 |
| 28) trans-1,3-Dichloropropene | 5.36 | 75 | 1037997 | 50.14 | ppb | | 90 |
| 29) 1,1,2-Trichloroethane | 5.52 | 97 | 662125 | 50.56 | ppb | | 96 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 728581 | 50.91 | ppb | | 97 |
| 32) 1,3-Dichloropropane | 5.78 | 76 | 1145741 | 49.51 | ppb | | 99 |
| 33) Tetrachloroethene | 5.27 | 164 | 522027 | 47.85 | ppb | | 96 |
| 34) Dibromochloromethane | 5.69 | 129 | 798027 | 52.20 | ppb | | 97 |
| 35) Chlorobenzene | 6.42 | 112 | 1719410 | 49.70 | ppb | | 97 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 593132 | 50.26 | ppb | | 97 |
| 37) Ethylbenzene | 6.49 | 91 | 2663184 | 47.27 | ppb | | 96 |
| 38) m+p-Xylenes | 6.64 | 91 | 4036735 | 95.40 | ppb | | 92 |
| 39) o-Xylene | 7.01 | 91 | 2254098 | 47.83 | ppb | | 96 |
| 40) Styrene | 7.07 | 104 | 1775932 | 48.21 | ppb | | 88 |
| 41) Bromoform | 7.06 | 173 | 533142 | 52.33 | ppb | | 99 |
| 42) Isopropylbenzene | 7.27 | 105 | 2267978 | 47.64 | ppb | | 96 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 869490 | 48.18 | ppb | | 95 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 247355 | 51.12 | ppb | | 98 |
| 45) n-Propylbenzene | 7.57 | 91 | 2998455 | 47.85 | ppb | | 96 |
| 46) Bromobenzene | 7.51 | 156 | 769898 | 48.27 | ppb | # | 67 |
| 47) 2-Chlorotoluene | 7.57 | 91 | 2998455 | 76.12 | ppb | # | 44 |
| 48) 4-Chlorotoluene | 7.75 | 91 | 1853037 | 47.80 | ppb | | 96 |
| 49) 1,3,5-Trimethylbenzene | 7.70 | 105 | 2020495 | 47.90 | ppb | | 94 |
| 50) tert-Butylbenzene | 7.89 | 134 | 483267 | 47.94 | ppb | # | 90 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 2010886 | 49.35 | ppb | | 92 |
| 52) sec-Butylbenzene | 7.99 | 105 | 2668635 | 47.18 | ppb | | 98 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10038.D Vial: 26
Acq On : 27 Dec 2007 4:28 pm Operator: ALB
Sample : VSTD050 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:17 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

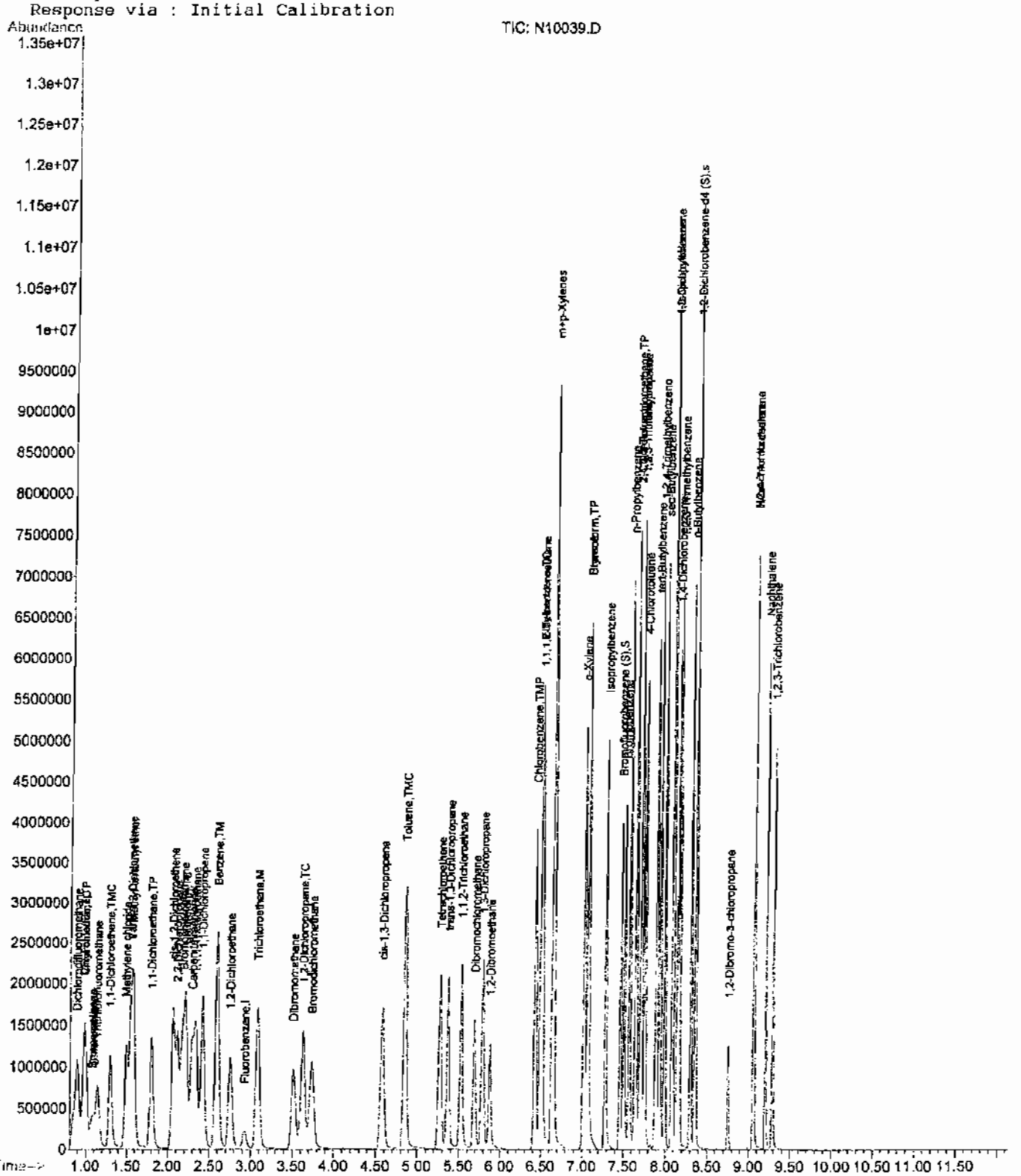
| Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 2048355 | 47.00 | ppb | | 97 |
| 54) 1,3-Dichlorobenzene | 8.08 | 146 | 1268503 | 46.15 | ppb | | 97 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 1369376 | 48.19 | ppb | | 91 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 1924115 | 48.33 | ppb | | 95 |
| 57) n-Butylbenzene | 8.30 | 134 | 481461 | 48.01 | ppb | # | 80 |
| 59) 1,2-Dichlorobenzene | 8.35 | 146 | 1195950 | 46.32 | ppb | | 98 |
| 60) 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 156340 | 50.76 | ppb | # | 78 |
| 61) 1,2,4-Trichlorobenzene | 9.06 | 180 | 703970 | 46.76 | ppb | | 99 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 267208 | 46.88 | ppb | | 95 |
| 63) Naphthalene | 9.20 | 128 | 1827500 | 46.78 | ppb | | 98 |
| 64) 1,2,3-Trichlorobenzene | 9.29 | 180 | 654035 | 47.77 | ppb | | 96 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10039.D Vial: 27
Acq On : 27 Dec 2007 4:47 pm Operator: ALB
Sample : VSTD075 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:19 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10039.D Vial: 27
Acq On : 27 Dec 2007 4:47 pm Operator: ALB
Sample : VSTD075 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:19 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 335022 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 897836 | 10.84 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 108.40% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 991047 | 10.30 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 103.00% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 1240257 | 201.23 | ppb | | 97 |
| 3) Chloromethane | 0.98 | 50 | 1693188m | 93.69 | ppb | | |
| 4) Vinyl chloride | 0.97 | 62 | 1623449 | 109.55 | ppb | | 98 |
| 5) Bromomethane | 1.07 | 94 | 395243 | 71.91 | ppb | | 97 |
| 6) Chloroethane | 1.10 | 64 | 385650m | 59.84 | ppb | | |
| 7) Trichlorofluoromethane | 1.14 | 101 | 737511 | 62.28 | ppb | | 99 |
| 8) 1,1-Dichloroethene | 1.29 | 96 | 686320m | 68.46 | ppb | | |
| 9) Methylene chloride | 1.49 | 84 | 973243 | 66.62 | ppb | # | 86 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 2251891 | 65.23 | ppb | | 94 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 939200m | 71.18 | ppb | | |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 1991440 | 72.70 | ppb | | 95 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 1232347m | 68.19 | ppb | | |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 1220164 | 72.11 | ppb | # | 59 |
| 15) Chloroform | 2.21 | 83 | 1786067 | 69.23 | ppb | | 95 |
| 16) Bromochloromethane | 2.18 | 128 | 647121 | 74.63 | ppb | | 100 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 1300070 | 77.08 | ppb | | 94 |
| 18) 1,1-Dichloropropene | 2.41 | 75 | 1412231 | 74.21 | ppb | | 97 |
| 19) Carbon tetrachloride | 2.29 | 117 | 1314946 | 76.42 | ppb | | 98 |
| 20) Benzene | 2.59 | 78 | 3933872 | 71.01 | ppb | | 97 |
| 21) 1,2-Dichloroethane | 2.75 | 62 | 1491155 | 75.67 | ppb | | 95 |
| 22) Trichloroethene | 3.08 | 130 | 1117548 | 73.06 | ppb | | 96 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 1009115 | 72.81 | ppb | | 99 |
| 24) Bromodichloromethane | 3.74 | 83 | 1395546m | 76.79 | ppb | | |
| 25) Dibromomethane | 3.51 | 93 | 731850 | 74.13 | ppb | | 98 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 1676399 | 74.40 | ppb | | 100 |
| 27) Toluene | 4.85 | 92 | 2249866 | 71.24 | ppb | | 96 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 1516715 | 75.38 | ppb | | 93 |
| 29) 1,1,2-Trichloroetbane | 5.52 | 97 | 936463 | 73.58 | ppb | | 95 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 1053093 | 75.72 | ppb | | 99 |
| 32) 1,3-Dichloropropane | 5.78 | 76 | 1630508 | 72.49 | ppb | | 98 |
| 33) Tetrachloroethene | 5.27 | 164 | 771679 | 72.78 | ppb | | 95 |
| 34) Dibromochloromethane | 5.69 | 129 | 1141579 | 76.83 | ppb | | 98 |
| 35) Chlorobenzene | 6.42 | 112 | 2439371 | 72.55 | ppb | | 97 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 827059 | 72.10 | ppb | | 95 |
| 37) Ethylbenzene | 6.49 | 91 | 3869164 | 70.65 | ppb | | 98 |
| 38) m+p-Xylenes | 6.64 | 91 | 5684574 | 138.23 | ppb | | 92 |
| 39) o-Xylene | 7.01 | 91 | 3221869 | 70.35 | ppb | | 96 |
| 40) Styrene | 7.07 | 104 | 2538405 | 70.90 | ppb | | 88 |
| 41) Bromoform | 7.06 | 173 | 740560 | 74.79 | ppb | | 96 |
| 42) Isopropylbenzene | 7.28 | 105 | 3263621 | 70.53 | ppb | | 99 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 1214062 | 69.22 | ppb | | 96 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 349215m | 74.26 | ppb | | |
| 45) n-Propylbenzene | 7.57 | 91 | 4283503 | 70.34 | ppb | | 97 |
| 46) Bromobenzene | 7.51 | 156 | 1103397 | 71.17 | ppb | # | 72 |
| 47) 2-Chlorotoluene | 7.65 | 91 | 2717819m | 70.99 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 2649968 | 70.34 | ppb | | 85 |
| 49) 1,3,5-Trimethylbenzene | 7.70 | 105 | 2919342 | 71.21 | ppb | | 96 |
| 50) tert-Butylbenzene | 7.89 | 134 | 693160 | 70.74 | ppb | # | 87 |
| 51) 1,2,4-Trimethylbenzone | 7.93 | 105 | 2887563 | 72.91 | ppb | | 91 |
| 52) sec-Butylbenzene | 7.99 | 105 | 3953688 | 71.91 | ppb | | 99 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10039.D Vial: 27
Acq On : 27 Dec 2007 4:47 pm Operator: ALB
Sample : VSTD075 ICAL Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 9:19 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:01:00 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

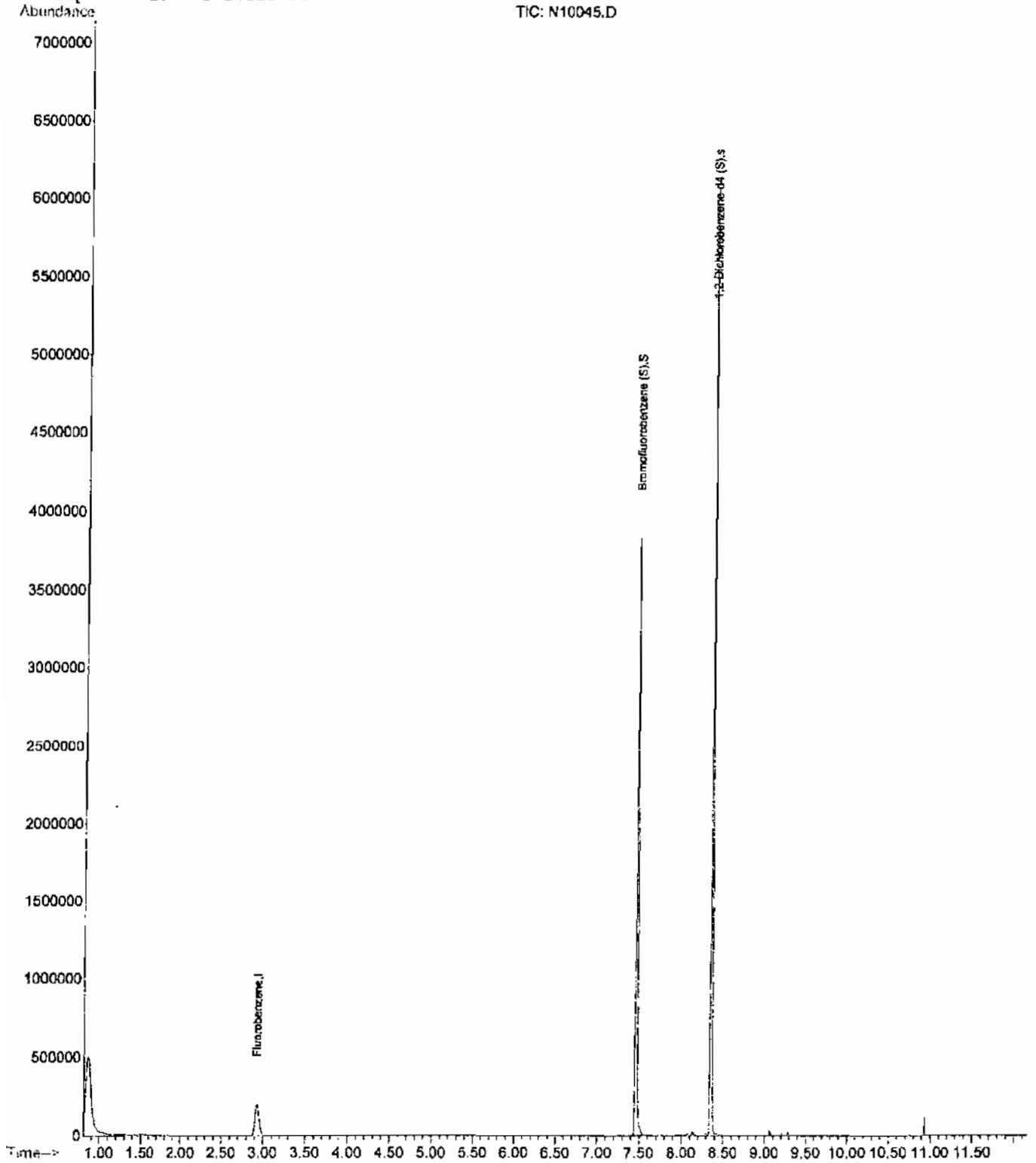
| Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.07 | 119 | 3029414 | 71.52 | ppb | | 98 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 1758437 | 65.82 | ppb | | 92 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 1924527 | 69.69 | ppb | | 92 |
| 56) 1,2,3-Trimethylbenzene | 8.17 | 105 | 2802438 | 72.43 | ppb | | 95 |
| 57) n-Butylbsnzene | 8.30 | 134 | 727208 | 74.61 | ppb | # | 84 |
| 59) 1,2-Dichlorobenzene | 8.35 | 146 | 1692807 | 67.45 | ppb | | 96 |
| 60) 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 214046 | 71.50 | ppb | # | 79 |
| 61) 1,2,4-Trichlorobenzene | 9.06 | 180 | 976857 | 66.77 | ppb | | 96 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 378097 | 68.24 | ppb | | 97 |
| 63) Naphthalene | 9.20 | 128 | 2552714 | 67.23 | ppb | | 99 |
| 64) 1,2,3-Trichlorobenzene | 9.29 | 180 | 928824 | 69.79 | ppb | | 95 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10045.D Vial: 33
Acq On : 27 Dec 2007 6:40 pm Operator: ALB
Sample : VBLK1227.2 Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:03 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10045.D Vial: 33
Acq On : 27 Dec 2007 6:40 pm Operator: ALB
Sample : VBLK1227.2 Inst : MS12
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:03 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 341452 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.47 | 176 | 916228 | 10.02 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 100.20% | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1082211 | 10.31 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 103.10% | | |

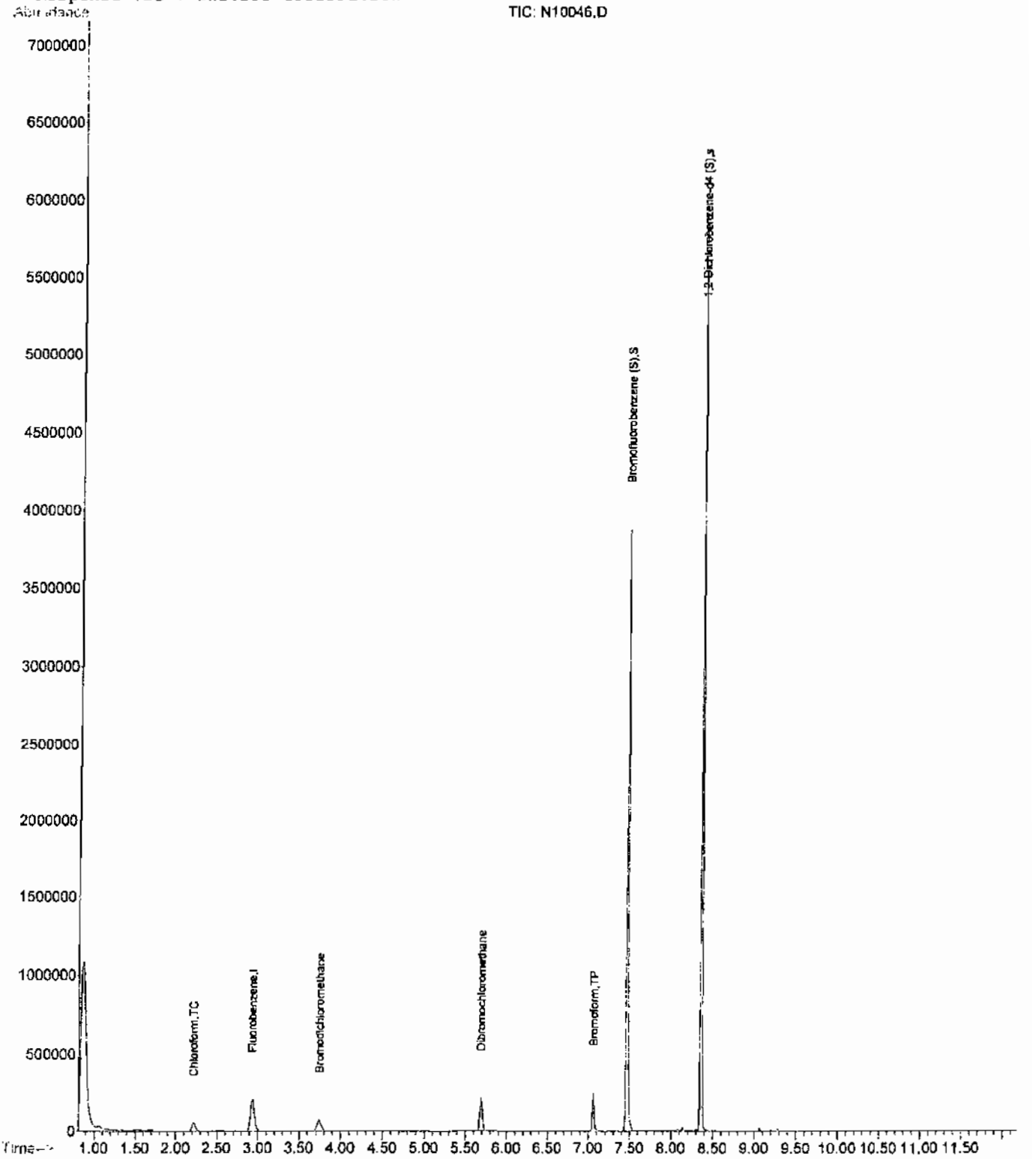
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10046.D Vial: 34
Acq On : 27 Dec 2007 6:59 pm Operator: ALB
Sample : E712D62-1 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:06 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



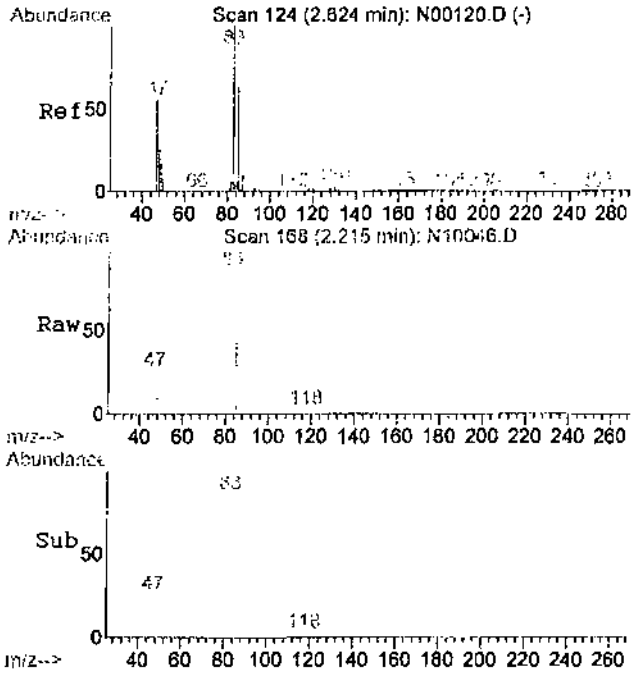
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10046.D Vial: 34
Acq On : 27 Dec 2007 6:59 pm Operator: ALB
Sample : E712D62-1 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:06 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 350847 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 943810 | 10.04 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 100.40% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1102399 | 10.22 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 102.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 15) Chloroform | 2.22 | 83 | 56268 | 2.09 | ppb | 94 |
| 24) Bromodichloromethane | 3.74 | 83 | 96990 | 4.97 | ppb | 91 |
| 34) Dibromochloromethane | 5.69 | 129 | 152300 | 9.61 | ppb | 99 |
| 41) Bromoform | 7.06 | 173 | 114282 | 11.07 | ppb | 93 |

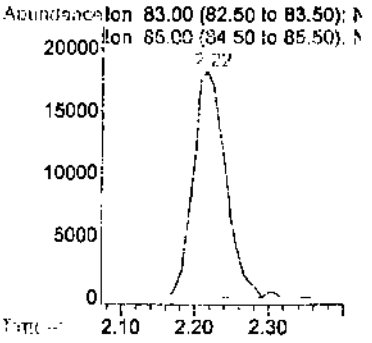
(#) = qualifier out of range (m) = manual integration

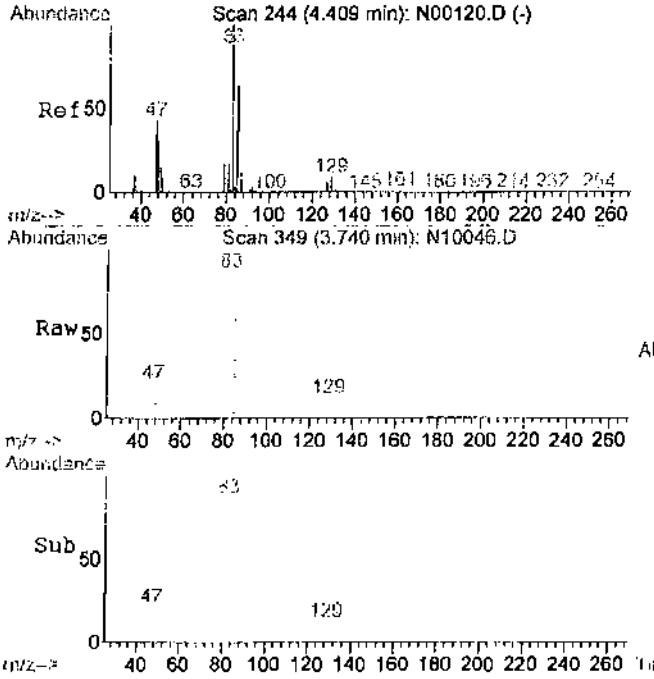



#15
Chloroform
Concen: 2.09 ppb
RT: 2.22 min Scan# 168
Delta R.T. 0.00 min
Lab File: N10046.D
Acq: 27 Dec 2007 6:59 pm

Tgt Ion: 83 Resp: 56268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 48.8 | 88.8 |

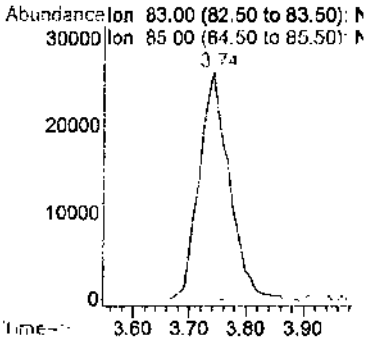


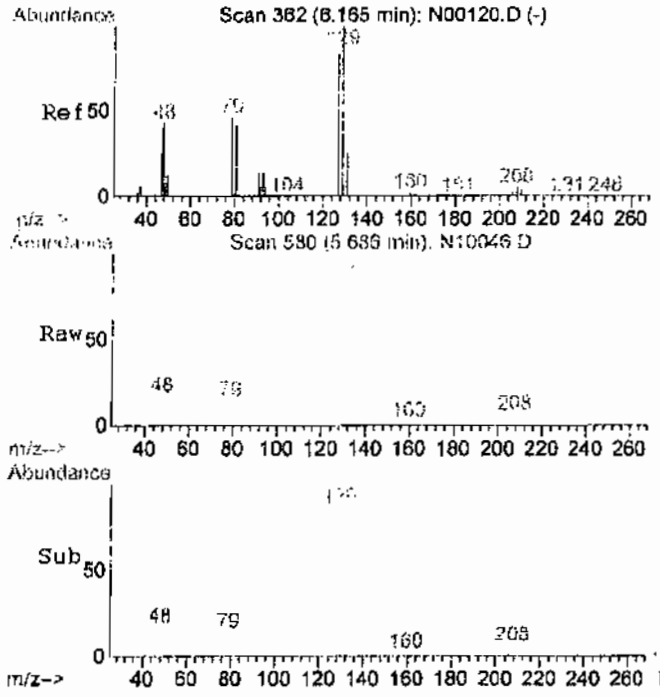




#24
Bromodichloromethane
Concen: 4.97 ppb
RT: 3.74 min Scan# 349
Delta R.T. 0.00 min
Lab File: N10046.D
Acq: 27 Dec 2007 6:59 pm

Tgt Ion: 83 Resp: 96990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.0 | 44.0 | 84.0 |

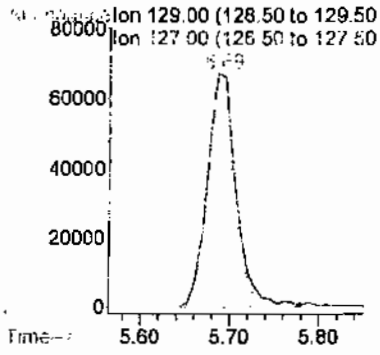


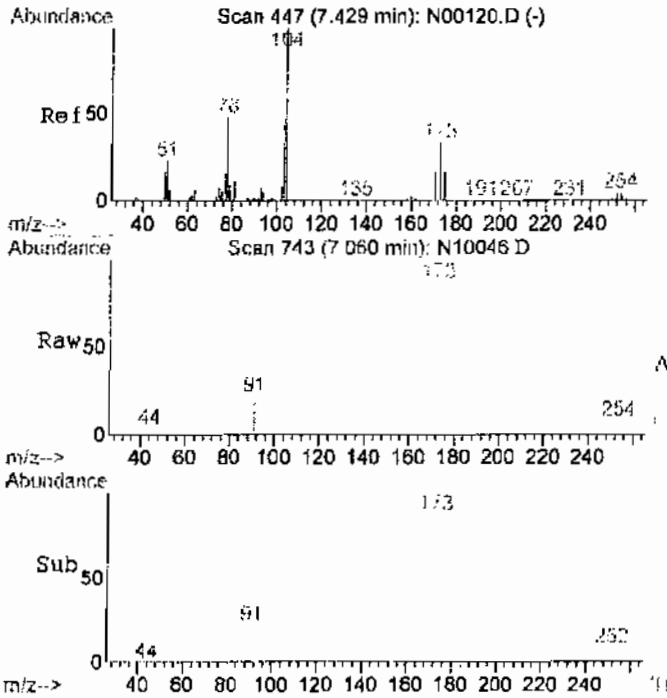



#34
Dibromochloromethane
Concen: 9.61 ppb
RT: 5.69 min Scan# 580
Delta R.T. -0.00 min
Lab File: N10046.D
Acq: 27 Dec 2007 6:59 pm

Tgt Ion:129 Resp: 152300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.0 | 55.1 | 95.1 |

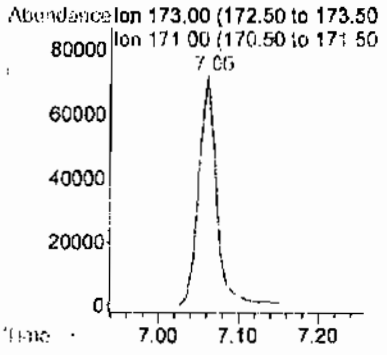



#41
Bromoform
Concen: 11.07 ppb
RT: 7.06 min Scan# 743
Delta R.T. 0.00 min
Lab File: N10046.D
Acq: 27 Dec 2007 6:59 pm

Tgt Ion:173 Resp: 114282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 171 | 54.2 | 29.6 | 69.6 |

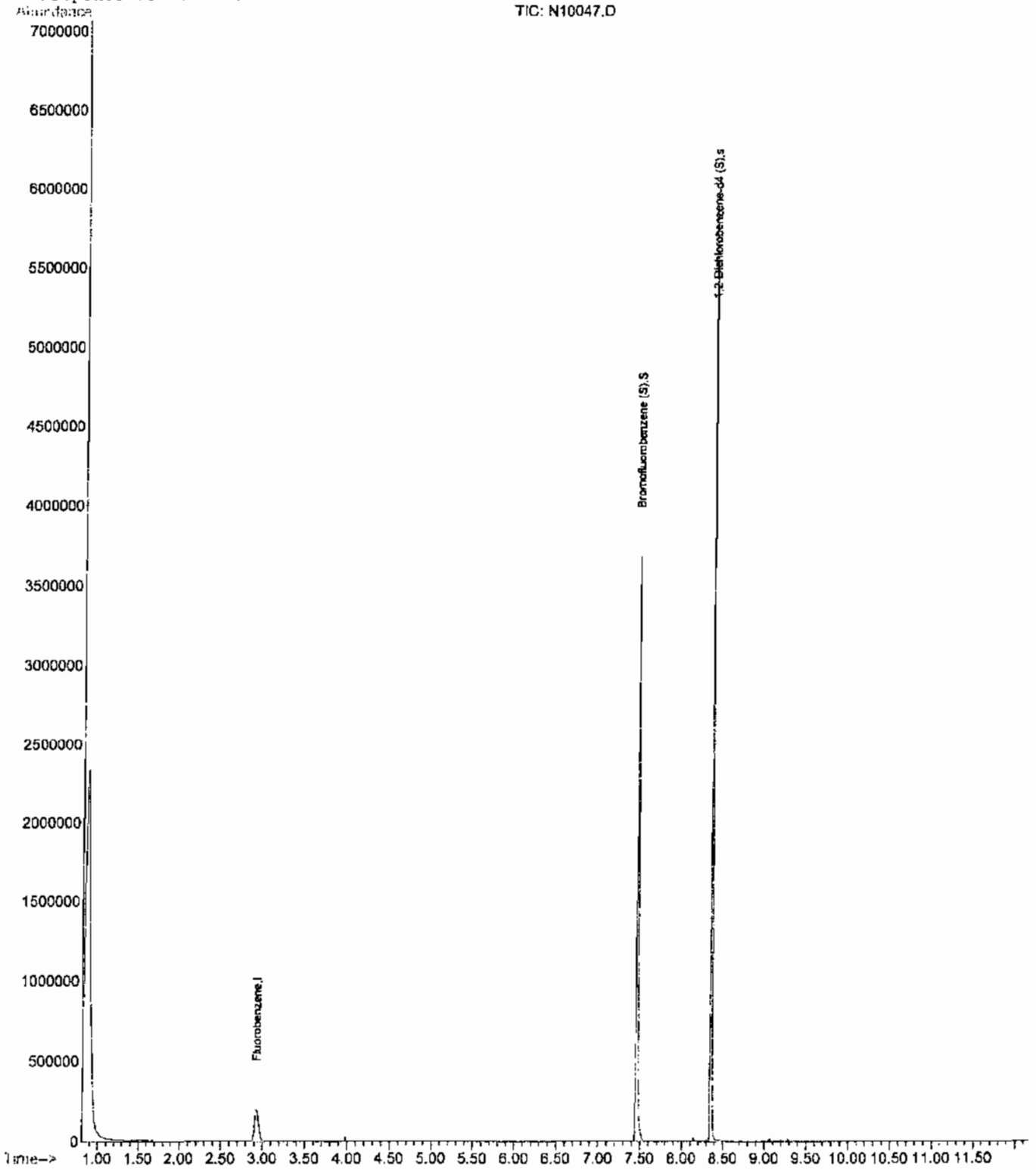


Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10047.D Vial: 35
Acq On : 27 Dec 2007 7:18 pm Operator: ALB
Sample : E712D62-2 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:07 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration

TIC: N10047.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10047.D Vial: 35
Acq On : 27 Dec 2007 7:18 pm Operator: ALB
Sample : E712D62-2 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:07 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 355906 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 942318 | 9.88 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 98.80% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1105195 | 10.10 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 101.00% | | | |

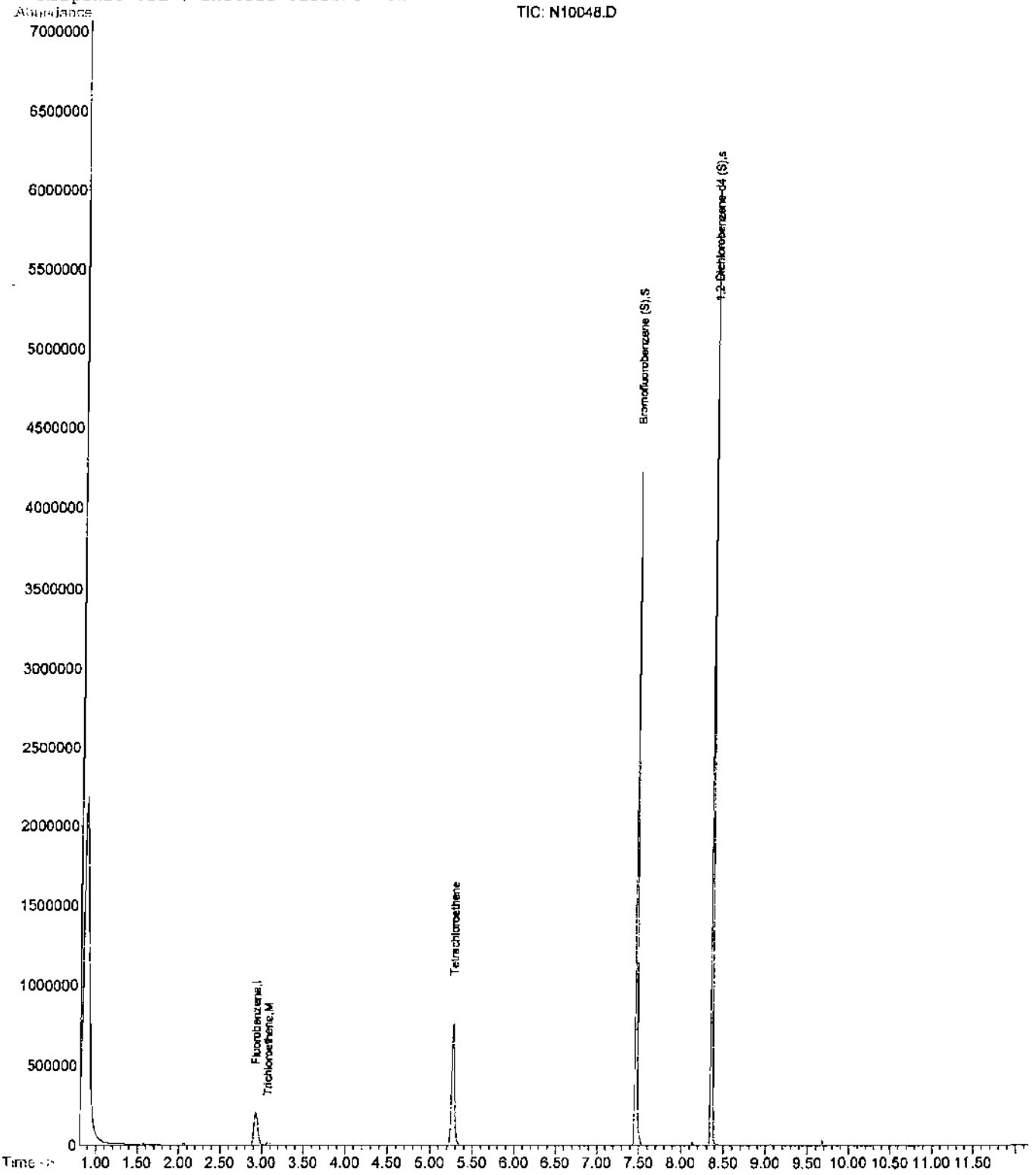
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10048.D Vial: 36
Acq On : 27 Dec 2007 7:37 pm Operator: ALB
Sample : E712D62-3 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:12 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



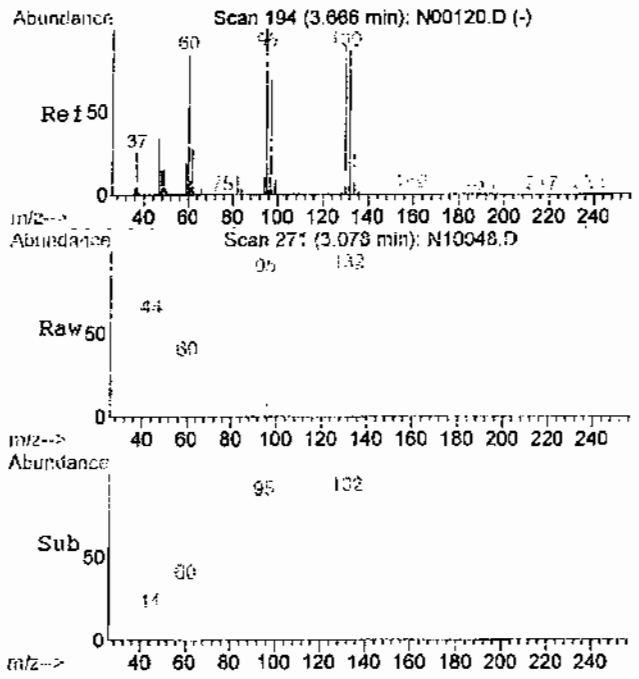
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10048.D Vial: 36
Acq On : 27 Dec 2007 7:37 pm Operator: ALB
Sample : E712D62-3 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:12 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 343624 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 956381 | 10.39 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 103.90% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1116829 | 10.57 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 105.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 22) Trichloroethene | 3.08 | 130 | 11049 | 0.69 | ppb | 92 |
| 33) Tetrachloroethene | 5.27 | 164 | 281417 | 25.66 | ppb | 91 |

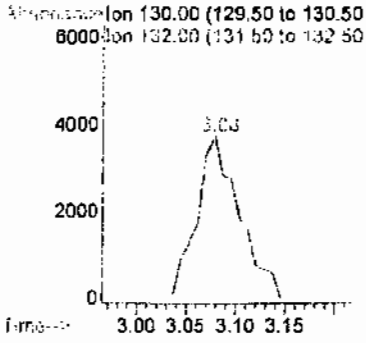
(#) = qualifier out of range (m) = manual integration

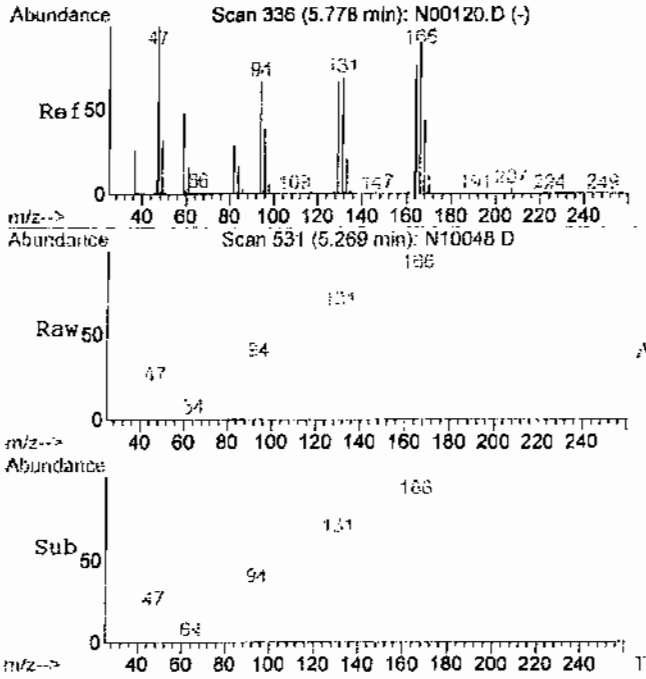



#22
Trichloroethene
Concen: 0.69 ppb
RT: 3.08 min Scan# 271
Delta R.T. -0.00 min
Lab File: N10048.D
Acq: 27 Dec 2007 7:37 pm

Tgt Ion:130 Resp: 11049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 132 | 101.2 | 77.3 | 117.3 |
| 95 | 84.6 | 76.7 | 116.7 |

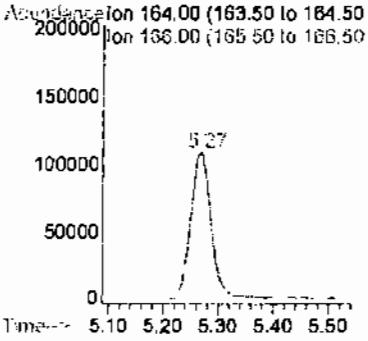



#33
Tetrachloroethene
Concen: 25.66 ppb
RT: 5.27 min Scan# 531
Delta R.T. -0.00 min
Lab File: N10048.D
Acq: 27 Dec 2007 7:37 pm

Tgt Ion:164 Resp: 281417

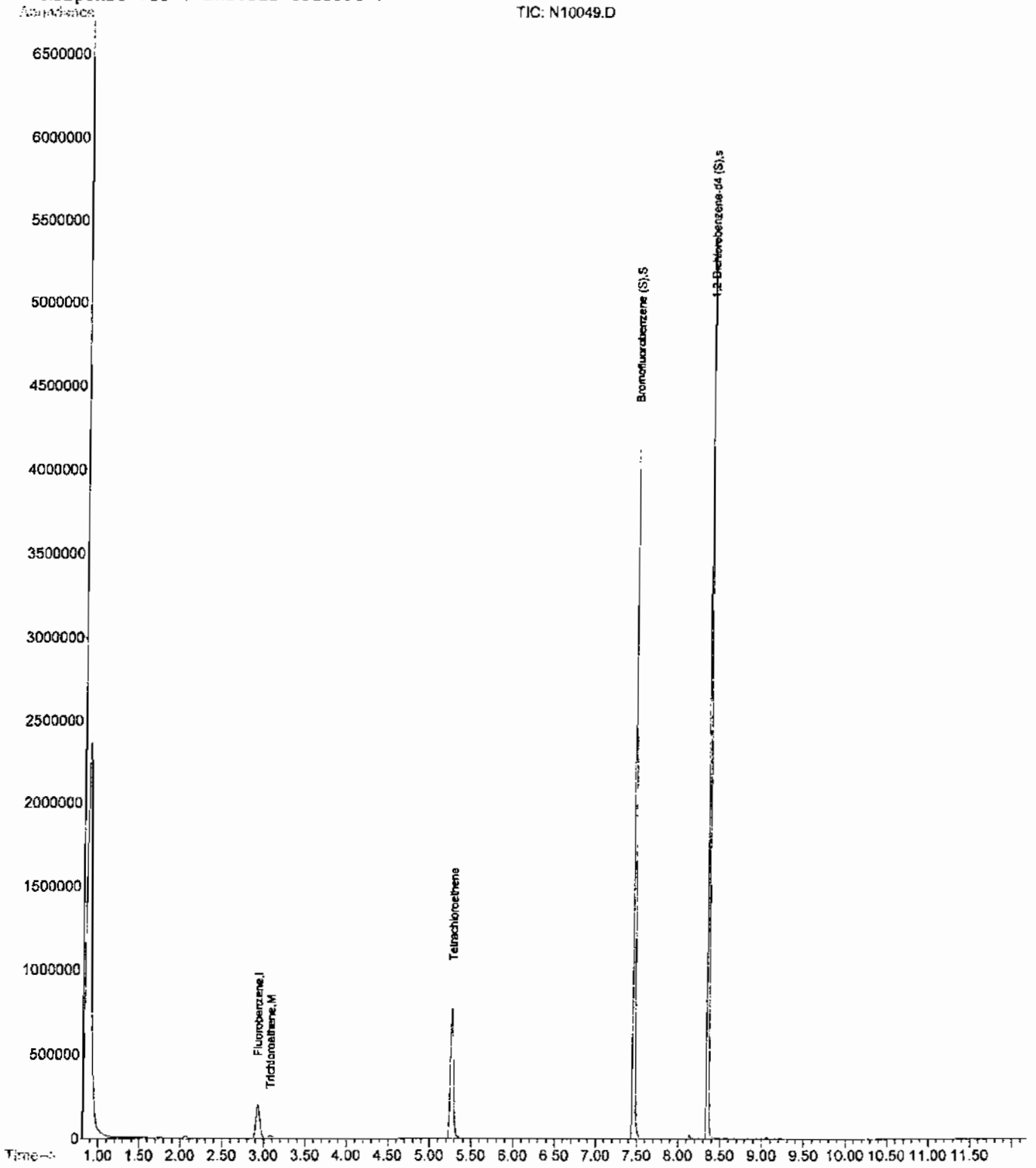
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.1 | 105.6 | 145.6 |
| 129 | 81.3 | 74.8 | 114.8 |



Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10049.D Vial: 37
Acq On : 27 Dec 2007 7:56 pm Operator: ALB
Sample : E712D62-6 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:16 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



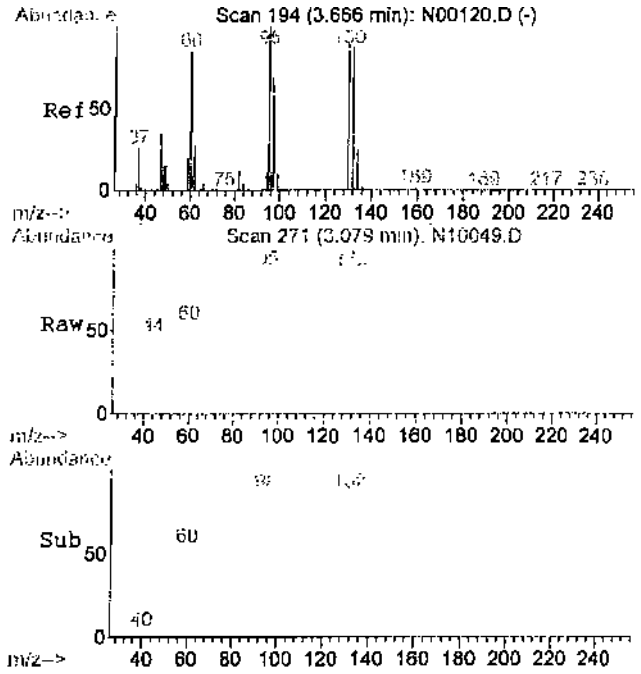
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10049.D Vial: 37
Acq On : 27 Dec 2007 7:56 pm Operator: ALB
Sample : E712D62-6 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:16 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 347527 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 938253 | 10.08 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 100.80% | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1091655 | 10.21 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 102.10% | | |
| **Target Compounds** | | | | | | Qvalue |
| 22) Trichloroethene | 3.08 | 130 | 10600 | 0.65 | ppb | 86 |
| 33) Tetrachloroethene | 5.27 | 164 | 269240 | 24.28 | ppb | 97 |

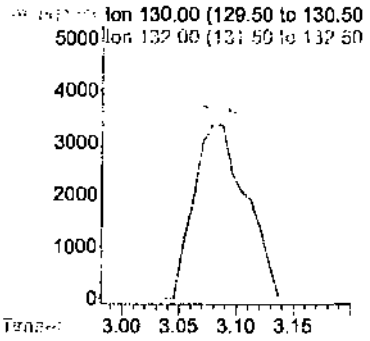
(#) = qualifier out of range (m) = manual integration

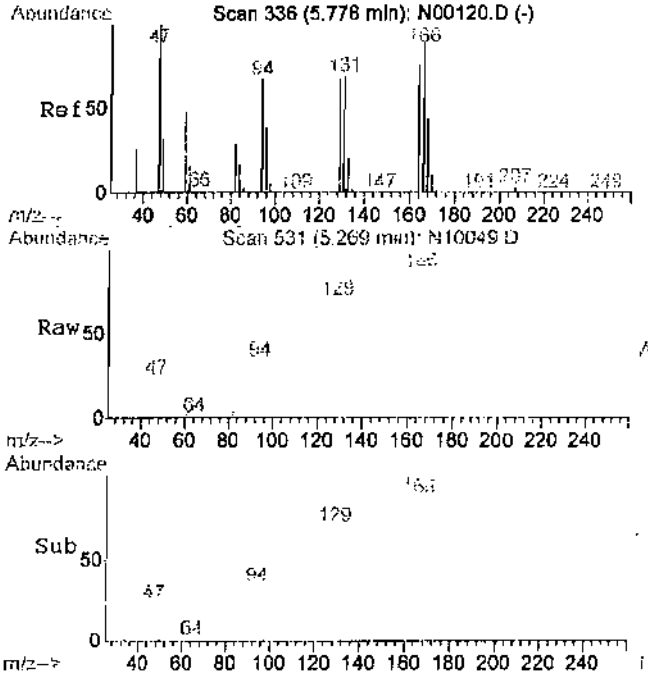



#22
Trichloroethene
Concen: 0.65 ppb
RT: 3.08 min Scan# 271
Delta R.T. -0.00 min
Lab File: N10049.D
Acq: 27 Dec 2007 7:56 pm

Tgt Ion:130 Resp: 10600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 132 | 111.9 | 77.3 | 117.3 |
| 95 | 109.0 | 76.7 | 116.7 |

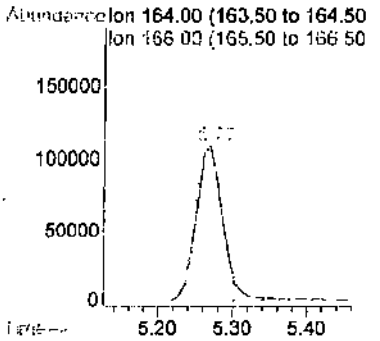



#33
Tetrachloroethene
Concen: 24.28 ppb
RT: 5.27 min Scan# 531
Delta R.T. -0.00 min
Lab File: N10049.D
Acq: 27 Dec 2007 7:56 pm

Tgt Ion:164 Resp: 269240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.2 | 105.6 | 145.6 |
| 129 | 67.7 | 74.8 | 114.8 |

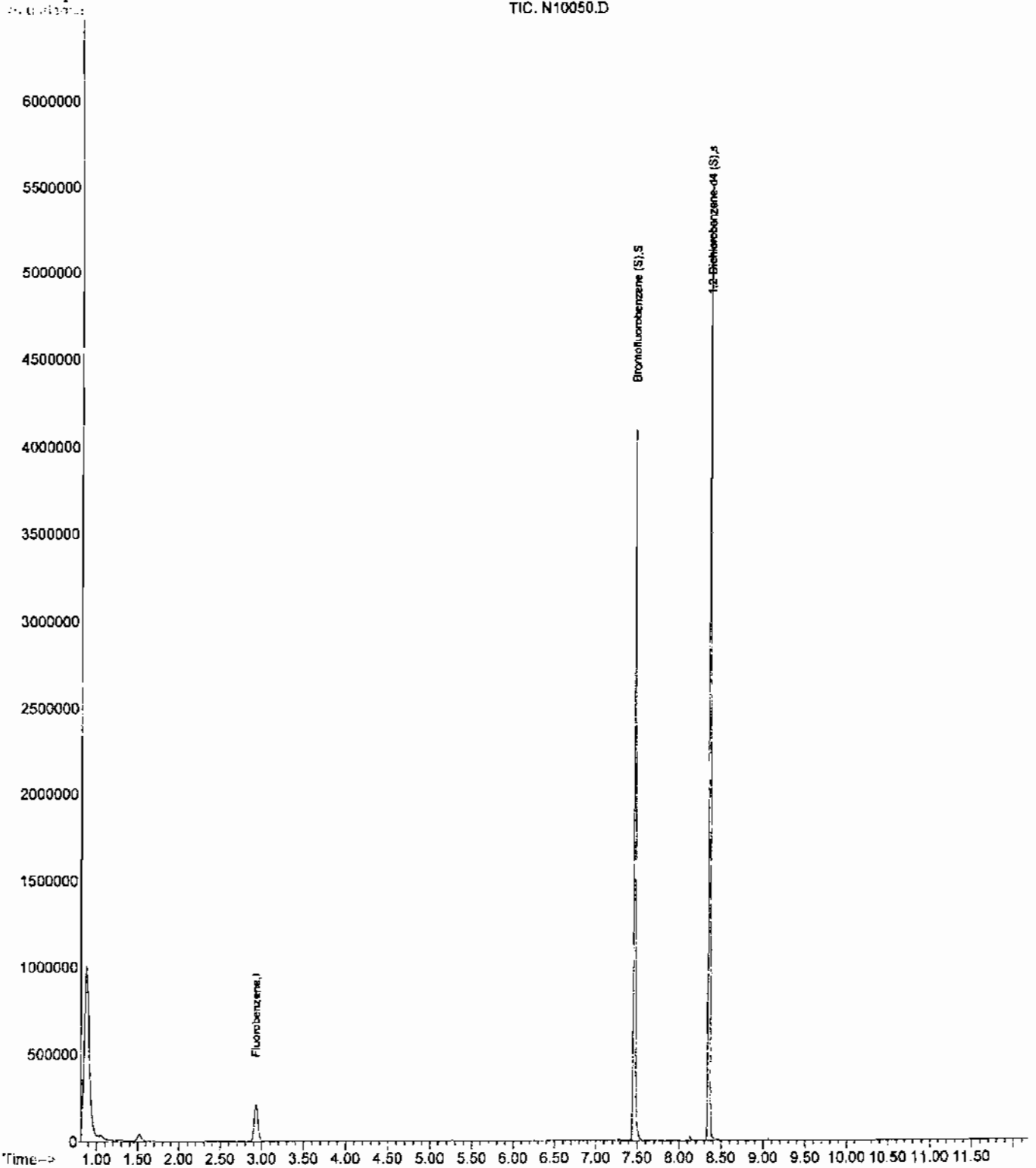


Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10050.D  Vial: 38
Acq On : 27 Dec 2007 8:15 pm  Operator: ALB
Sample : E712D62-7  Inst : MS12
Misc : 524.2()  Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:18 2007  Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration

TIC. N10050.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10050.D Vial: 38
Acq On : 27 Dec 2007 8:15 pm Operator: ALB
Sample : E712D62-7 Inst : MS12
Misc : 524.2() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:18 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 346418 | 1.00 | ppb | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 942354 | 10.15 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 101.50% | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1085607 | 10.19 | ppb | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 101.90% | | |

Target Compounds Qvalue

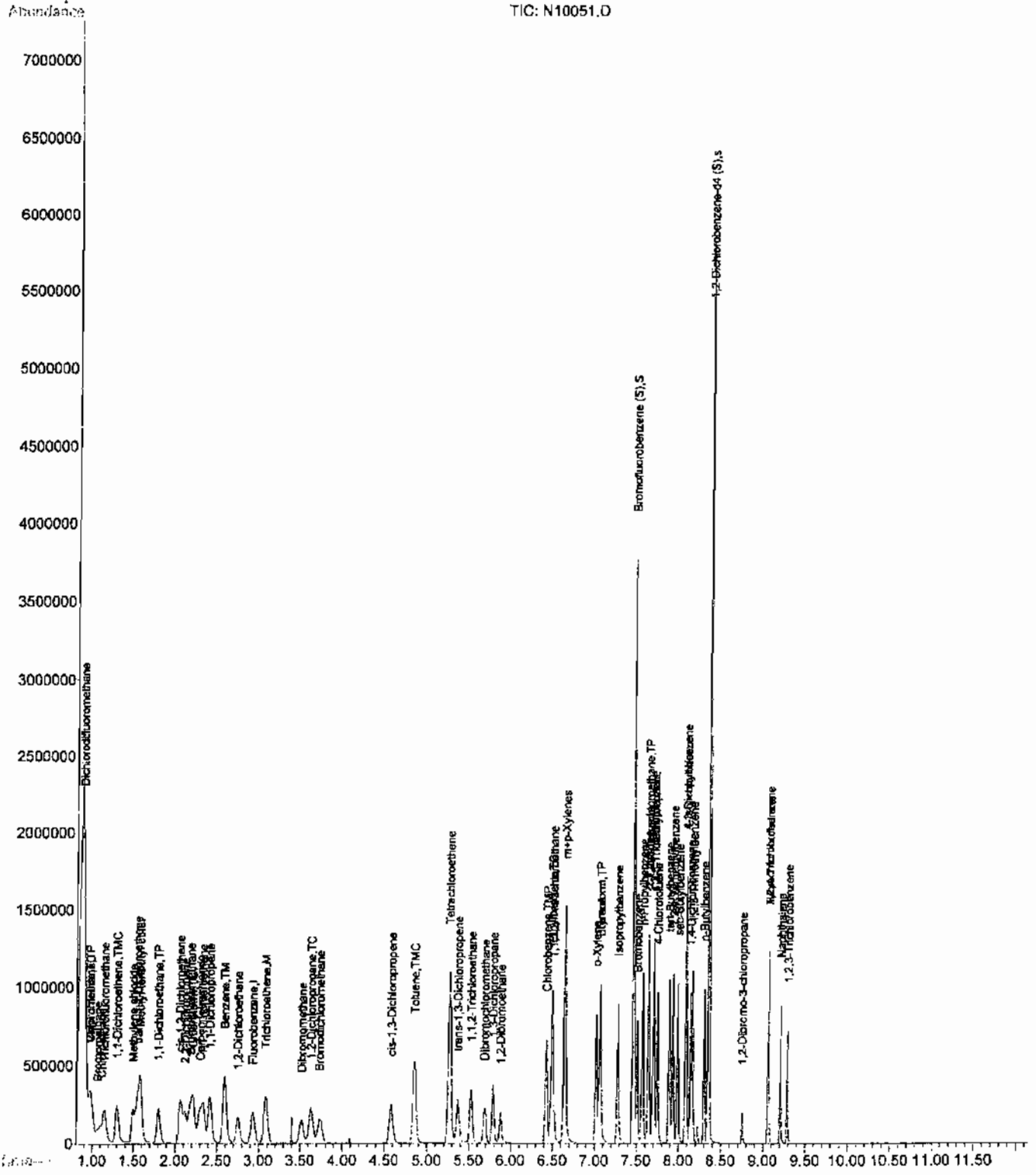
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10051.D Vial: 39
Acq On : 27 Dec 2007 8:34 pm Operator: ALB
Sample : E712D62-4 Inst : MS12
Misc : 524.2() E712D62-3MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:22 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration

TIC: N10051.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10051.D
Acq On : 27 Dec 2007 8:34 pm
Sample : E712D62-4
Misc : 524.2() E712D62-3MS
MS Integration Params: rteint.p
Quant Time: Dec 28 10:22 2007

Vial: 39
Operator: ALB
Inst : MS12
Multiplr: 1.00

Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 318676 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 885786 | 10.37 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 103.70% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1036494 | 10.58 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 105.80% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.90 | 85 | 259810 | 14.73 | ppb | | 94 |
| 3) Chloromethane | 0.98 | 50 | 286765m | 11.62 | ppb | | |
| 4) Vinyl chloride | 0.98 | 62 | 288703 | 12.99 | ppb | | 96 |
| 5) Bromomethane | 1.07 | 94 | 86998m | 14.64 | ppb | | |
| 6) Chloroethane | 1.11 | 64 | 94444 | 14.36 | ppb | | 91 |
| 7) Trichlorofluoromethane | 1.14 | 101 | 201755 | 15.26 | ppb | | 96 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 139130 | 13.70 | ppb | # | 87 |
| 9) Methylene chloride | 1.50 | 84 | 162557 | 12.46 | ppb | # | 85 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 477313 | 15.44 | ppb | | 96 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 158920 | 12.45 | ppb | # | 79 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 331754 | 12.20 | ppb | | 96 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 178481 | 12.13 | ppb | | 92 |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 205585 | 12.34 | ppb | # | 55 |
| 15) Chloroform | 2.22 | 83 | 306607 | 12.54 | ppb | | 95 |
| 16) Bromochloromethane | 2.18 | 128 | 103900 | 12.36 | ppb | | 97 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 225528 | 13.05 | ppb | | 95 |
| 18) 1,1-Dichloropropene | 2.41 | 75 | 237445 | 12.91 | ppb | | 96 |
| 19) Carbon tetrachloride | 2.30 | 117 | 221914m | 12.94 | ppb | | |
| 20) Benzene | 2.59 | 78 | 654599 | 12.38 | ppb | | 98 |
| 21) 1,2-Dichloroethane | 2.75 | 62 | 234244 | 11.80 | ppb | | 95 |
| 22) Trichloroethene | 3.08 | 130 | 200819 | 13.52 | ppb | | 94 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 162318 | 12.02 | ppb | | 95 |
| 24) Bromodichloromethane | 3.74 | 83 | 212298 | 11.98 | ppb | | 97 |
| 25) Dibromomethane | 3.51 | 93 | 114428 | 11.83 | ppb | | 98 |
| 26) cis-1,3-Dichloropropene | 4.58 | 75 | 248335 | 11.80 | ppb | | 96 |
| 27) Toluene | 4.85 | 92 | 374876 | 12.23 | ppb | | 91 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 197141 | 10.71 | ppb | | 90 |
| 29) 1,1,2-Trichloroethane | 5.52 | 97 | 142903 | 11.72 | ppb | | 96 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 159421 | 11.68 | ppb | | 98 |
| 32) 1,3-Dichloropropane | 5.78 | 76 | 250533 | 11.62 | ppb | | 99 |
| 33) Tetrachloroethene | 5.27 | 164 | 402058 | 39.54 | ppb | | 96 |
| 34) Dibromochloromethane | 5.68 | 129 | 159455 | 11.08 | ppb | | 97 |
| 35) Chlorobenzene | 6.42 | 112 | 394451 | 11.78 | ppb | | 96 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 130311 | 11.69 | ppb | | 93 |
| 37) Ethylbenzene | 6.49 | 91 | 652659 | 12.41 | ppb | | 96 |
| 38) m+p-Xylenes | 6.64 | 91 | 1006664 | 25.02 | ppb | | 91 |
| 39) o-Xylene | 7.01 | 91 | 519030 | 11.80 | ppb | | 96 |
| 40) Styrene | 7.06 | 104 | 411616 | 12.03 | ppb | | 91 |
| 41) Bromoform | 7.06 | 173 | 106824 | 11.39 | ppb | | 100 |
| 42) Isopropylbenzene | 7.28 | 105 | 579869 | 13.17 | ppb | | 96 |
| 43) 1,1,2,2-Tetrachloroethane | 7.64 | 83 | 198101 | 11.77 | ppb | | 91 |
| 44) 1,2,3-Trichloropropane | 7.70 | 110 | 55150 | 11.84 | ppb | | 94 |
| 45) n-Propylbenzene | 7.57 | 91 | 754537 | 12.93 | ppb | | 100 |
| 46) Bromobenzene | 7.51 | 156 | 180033 | 11.81 | ppb | # | 62 |
| 47) 2-Chlorotoluene | 7.65 | 91 | 444868m | 10.78 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 431266 | 11.72 | ppb | | 95 |
| 49) 1,3,5-Trimethylbenzene | 7.70 | 105 | 485354 | 12.28 | ppb | | 93 |
| 50) tert-Butylbenzene | 7.89 | 134 | 113763 | 12.62 | ppb | # | 81 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 464158 | 11.91 | ppb | | 89 |
| 52) sec-Butylbenzene | 7.99 | 105 | 637429 | 12.22 | ppb | | 98 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10051.D Vial: 39
Acq On : 27 Dec 2007 8:34 pm Operator: ALB
Sample : E712D62-4 Inst : MS12
Misc : 524.2() E712D62-3MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:22 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

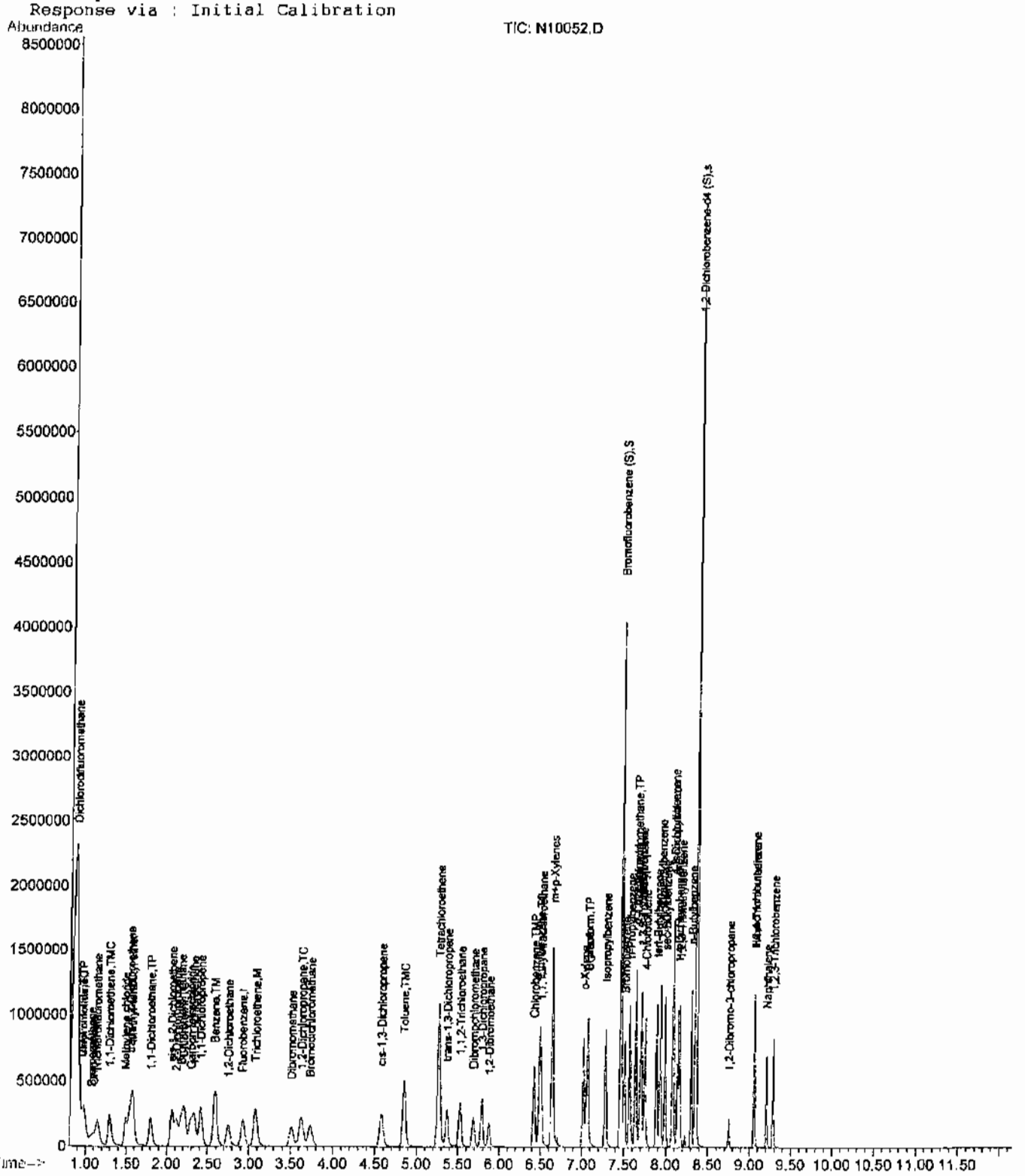
| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 53) | 4-Isopropyltoluene | 8.08 | 119 | 485603 | 11.97 | ppb | | 97 |
| 54) | 1,3-Dichlorobenzene | 8.08 | 146 | 303305 | 11.72 | ppb | | 96 |
| 55) | 1,4-Dichlorobenzene | 8.14 | 146 | 301535 | 11.33 | ppb | | 91 |
| 56) | 1,2,3-Trimethylbenzene | 8.16 | 105 | 448311 | 12.04 | ppb | | 95 |
| 57) | n-Butylbenzene | 8.30 | 134 | 117991 | 12.34 | ppb | # | 76 |
| 59) | 1,2-Dichlorobenzene | 8.35 | 146 | 276691 | 11.58 | ppb | | 96 |
| 60) | 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 30523 | 11.71 | ppb | # | 78 |
| 61) | 1,2,4-Trichlorobenzene | 9.06 | 180 | 164954 | 11.75 | ppb | | 96 |
| 62) | Hexachlorobutadiene | 9.06 | 225 | 66462 | 12.62 | ppb | | 98 |
| 63) | Naphthalene | 9.20 | 128 | 368595 | 11.31 | ppb | | 98 |
| 64) | 1,2,3-Trichlorobenzene | 9.29 | 180 | 146856 | 11.51 | ppb | | 95 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\122707A\N10052.D Vial: 40
Acq On : 27 Dec 2007 8:53 pm Operator: ALB
Sample : E712D62-5 Inst : MS12
Misc : 524.2() E712D62-3MSD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:24 2007 Quant Results File: 524TEST.RES

Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Jan 25 10:36:51 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10052.D
Acq On : 27 Dec 2007 8:53 pm
Sample : E712D62-5
Misc : 524.2() E712D62-3MSD
MS Integration Params: rteint.p
Quant Time: Dec 28 10:24 2007

Vial: 40
Operator: ALB
Inst : MS12
Multiplr: 1.00

Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 2.93 | 96 | 337762 | 1.00 | ppb | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 31) Bromofluorobenzene (S) | 7.46 | 176 | 920023 | 10.17 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 101.70% | | | |
| 58) 1,2-Dichlorobenzene-d4 (S) | 8.35 | 152 | 1104292 | 10.63 | ppb | | 0.00 |
| Spiked Amount 10.000 | | | Recovery = | 106.30% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.89 | 85 | 240036 | 12.84 | ppb | | 96 |
| 3) Chloromethane | 0.98 | 50 | 259197m | 9.91 | ppb | | |
| 4) Vinyl chloride | 0.98 | 62 | 248740 | 10.56 | ppb | | 97 |
| 5) Bromomethane | 1.07 | 94 | 82299m | 12.69 | ppb | | |
| 6) Chloroethane | 1.10 | 64 | 85407 | 11.43 | ppb | | 97 |
| 7) Trichlorofluoromethane | 1.15 | 101 | 180561 | 12.09 | ppb | | 98 |
| 8) 1,1-Dichloroethene | 1.30 | 96 | 135240 | 12.57 | ppb | # | 80 |
| 9) Methylene chloride | 1.49 | 84 | 162946 | 11.73 | ppb | # | 87 |
| 10) Methyl-tertbutyl ether | 1.58 | 73 | 461904 | 14.10 | ppb | | 97 |
| 11) trans-1,2-Dichloroethene | 1.55 | 96 | 152484 | 11.27 | ppb | | 89 |
| 12) 1,1-Dichloroethane | 1.80 | 63 | 335657 | 11.65 | ppb | | 96 |
| 13) 2,2-Dichloropropane | 2.12 | 77 | 175407 | 11.25 | ppb | | 97 |
| 14) cis-1,2-Dichloroethene | 2.06 | 96 | 201166 | 11.39 | ppb | # | 55 |
| 15) Chloroform | 2.22 | 83 | 299996 | 11.58 | ppb | | 94 |
| 16) Bromochloromethane | 2.17 | 128 | 102062 | 11.45 | ppb | | 93 |
| 17) 1,1,1-Trichloroethane | 2.34 | 97 | 217000 | 11.84 | ppb | | 94 |
| 18) 1,1-Dichloropropene | 2.42 | 75 | 230061 | 11.81 | ppb | | 91 |
| 19) Carbon tetrachloride | 2.30 | 117 | 219600 | 12.09 | ppb | | 94 |
| 20) Benzene | 2.60 | 78 | 639965 | 11.42 | ppb | | 100 |
| 21) 1,2-Dichloroethane | 2.76 | 62 | 231582 | 11.01 | ppb | | 99 |
| 22) Trichloroethene | 3.08 | 130 | 190388 | 12.10 | ppb | | 90 |
| 23) 1,2-Dichloropropane | 3.63 | 63 | 160083 | 11.19 | ppb | | 96 |
| 24) Bromodichloromethane | 3.74 | 83 | 209334 | 11.15 | ppb | | 95 |
| 25) Dibromomethane | 3.51 | 93 | 109680 | 10.70 | ppb | | 99 |
| 26) cis-1,3-Dichloropropene | 4.57 | 75 | 246486 | 11.05 | ppb | | 93 |
| 27) Toluene | 4.84 | 92 | 355049 | 10.93 | ppb | | 94 |
| 28) trans-1,3-Dichloropropene | 5.37 | 75 | 196246 | 10.06 | ppb | | 91 |
| 29) 1,1,2-Trichloroethane | 5.53 | 97 | 140645 | 10.88 | ppb | | 97 |
| 30) 1,2-Dibromoethane | 5.88 | 109 | 155898 | 10.78 | ppb | | 94 |
| 32) 1,3-Dichloropropane | 5.79 | 76 | 252245 | 11.04 | ppb | | 99 |
| 33) Tetrachloroethene | 5.27 | 164 | 387893 | 35.99 | ppb | | 97 |
| 34) Dibromochloromethane | 5.69 | 129 | 160005 | 10.49 | ppb | | 97 |
| 35) Chlorobenzene | 6.42 | 112 | 381902 | 10.76 | ppb | | 94 |
| 36) 1,1,1,2-Tetrachloroethane | 6.51 | 133 | 132675 | 11.22 | ppb | | 99 |
| 37) Ethylbenzene | 6.49 | 91 | 632310 | 11.34 | ppb | | 94 |
| 38) m+p-Xylenes | 6.64 | 91 | 954422 | 22.38 | ppb | | 88 |
| 39) o-Xylene | 7.02 | 91 | 514698 | 11.04 | ppb | | 98 |
| 40) Styrene | 7.07 | 104 | 408878 | 11.27 | ppb | | 87 |
| 41) Bromoform | 7.06 | 173 | 108791 | 10.95 | ppb | | 98 |
| 42) Isopropylbenzene | 7.28 | 105 | 553539 | 11.86 | ppb | | 96 |
| 43) 1,1,2,2-Tetrachloroethane | 7.63 | 83 | 191462 | 10.73 | ppb | | 95 |
| 44) 1,2,3-Trichloropropane | 7.69 | 110 | 54777 | 11.10 | ppb | | 95 |
| 45) n-Propylbenzene | 7.57 | 91 | 712748 | 11.52 | ppb | | 97 |
| 46) Bromobenzene | 7.51 | 156 | 174216 | 10.78 | ppb | # | 81 |
| 47) 2-Chlorotoluene | 7.64 | 91 | 452486m | 10.35 | ppb | | |
| 48) 4-Chlorotoluene | 7.75 | 91 | 427080 | 10.95 | ppb | | 87 |
| 49) 1,3,5-Trimethylbenzene | 7.71 | 105 | 473551 | 11.30 | ppb | | 89 |
| 50) tert-Butylbenzene | 7.89 | 134 | 109479 | 11.46 | ppb | | 94 |
| 51) 1,2,4-Trimethylbenzene | 7.93 | 105 | 464377 | 11.24 | ppb | | 95 |
| 52) sec-Butylbenzene | 7.99 | 105 | 612143 | 11.07 | ppb | | 97 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\122707A\N10052.D Vial: 40
Acq On : 27 Dec 2007 8:53 pm Operator: ALB
Sample : E712D62-5 Inst : MS12
Misc : 524.2() E712D62-3MSD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 10:24 2007 Quant Results File: 524TEST.RES

Quant Method : C:\HPCHEM\1\METHODS\524TEST.M (RTE Integrator)
Title : 524.2 Purgeable Organics
Last Update : Fri Dec 28 09:41:13 2007
Response via : Initial Calibration
DataAcq Meth : 524TEST

| Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|
| 53) 4-Isopropyltoluene | 8.08 | 119 | 473468 | 11.01 ppb | | 92 |
| 54) 1,3-Dichlorobenzene | 8.09 | 146 | 297963 | 10.86 ppb | | 93 |
| 55) 1,4-Dichlorobenzene | 8.14 | 146 | 299740 | 10.62 ppb | | 92 |
| 56) 1,2,3-Trimethylbenzene | 8.16 | 105 | 396396 | 10.05 ppb | | 95 |
| 57) n-Butylbenzene | 8.30 | 134 | 108202 | 10.67 ppb | | 97 |
| 59) 1,2-Dichlorobenzene | 8.36 | 146 | 281610 | 11.12 ppb | | 92 |
| 60) 1,2-Dibromo-3-chloropropan | 8.75 | 75 | 29128 | 10.54 ppb | # | 66 |
| 61) 1,2,4-Trichlorobenzene | 9.07 | 180 | 160014 | 10.75 ppb | | 94 |
| 62) Hexachlorobutadiene | 9.06 | 225 | 64163 | 11.50 ppb | | 99 |
| 63) Naphthalene | 9.21 | 128 | 375228 | 10.86 ppb | | 97 |
| 64) 1,2,3-Trichlorobenzene | 9.28 | 180 | 146354 | 10.82 ppb | | 100 |

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