HC·V
HAMPTONCLARKE·VERITECH

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# Project: 14368.35 Pendaflex

**Client PO:** Not Available

**Report To:** EA Engineering, Science & Technology
6712 Brooklawn Pkwy.
Suite 104
Syracuse, NY 13211

Attn: D.Crandall

**Received Date:** 7/24/2009

**Report Date:** 8/11/2009

**Deliverables:** NYDOH-CatB

**Lab ID:** AC45984

**Lab Project No:** 9072410

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC Institute standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Jeri Ross - Quality Assurance Director OR Stanley Gilewicz - Laboratory Director

| | | | | | | |
|---|---|---|---|---|---|---|
| NJ | (07071 and 07069) | NY | (ELAP11408 and 11939) | CT | (PH-0671) | USACE |
| PA | (68-00463 and 68-04409) | KY | (90124) | WV | (353) | |

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# SDG Narrative

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# SDG Narrative

## Client: EA Engineering
## Project: 14368.35 Pendaflex

**Hampton-Clarke/Veritech (HC·V) received the following samples on July 24, 2009:**

| Client ID | HCV Sample ID | Matrix | Analysis |
|---|---|---|---|
| 1-30-185-Trip Blank | AC45984-001 | Aqueous | VO (8260B) |
| 1-30-185-GP09 (100) | AC45984-002 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (85) | AC45984-003 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (70) | AC45984-004 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (55) | AC45984-005 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (40) | AC45984-006 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (40) MS | AC45984-007 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (40) MSD | AC45984-008 | Aqueous | VO (8260B) |
| 1-30-185- GP09 (25) | AC45984-009 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (100) | AC45984-010 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (85) | AC45984-011 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (70) | AC45984-012 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (55) | AC45984-013 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (40) | AC45984-014 | Aqueous | VO (8260B) |
| 1-30-185- GP010 (25) | AC45984-015 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (100) | AC45984-016 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (85) | AC45984-017 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (70) | AC45984-018 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (55) | AC45984-019 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (40) | AC45984-020 | Aqueous | VO (8260B) |
| 1-30-185- GP011 (25) | AC45984-021 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (100) | AC45984-022 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (85) | AC45984-023 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (70) | AC45984-024 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (55) | AC45984-025 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (40) | AC45984-026 | Aqueous | VO (8260B) |
| 1-30-185- GP012 (25) | AC45984-027 | Aqueous | VO (8260B) |

## Volatile Organic Analysis:

Data conforms to method requirements.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Robyn Nelson

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

8/12/09
Date

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-I

## SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

| NYSDEC Sample ID/Code | Laboratory Sample ID/Code | Analytical Requirements | | | | | |
|---|---|---|---|---|---|---|---|
| | | VOA GC/MS (Method #) | BNA GC/MS (Method #) | VOA GC (Method #) | Pest PCBs (Method #) | Metals (Method #) | Other (Method #) |
| 1-30-185-Trip Blank | AC45984-001 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185-GP09 (100) | AC45984-002 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (85) | AC45984-003 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (70) | AC45984-004 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (55) | AC45984-005 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (40) | AC45984-006 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (40) MS | AC45984-007 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (40) MSD | AC45984-008 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP09 (25) | AC45984-009 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (100) | AC45984-010 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (85) | AC45984-011 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (70) | AC45984-012 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (55) | AC45984-013 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (40) | AC45984-014 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP010 (25) | AC45984-015 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (100) | AC45984-016 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (85) | AC45984-017 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (70) | AC45984-018 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (55) | AC45984-019 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (40) | AC45984-020 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP011 (25) | AC45984-021 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (100) | AC45984-022 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (85) | AC45984-023 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (70) | AC45984-024 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (55) | AC45984-025 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (40) | AC45984-026 | 8260B | NA | NA | NA | NA | NA |
| 1-30-185- GP012 (25) | AC45984-027 | 8260B | NA | NA | NA | NA | NA |
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## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIb

## SAMPLE PREPARATION AND ANALYSIS SUMMARY
## VOLATILE (VOA)
## ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|
| AC45984-001 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/30/09 |
| AC45984-002 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-003 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-004 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-005 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-006 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/30/09 |
| AC45984-007 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/30/09 |
| AC45984-008 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/30/09 |
| AC45984-009 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-010 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-011 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-012 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-013 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/29/09 |
| AC45984-014 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-015 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-016 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/29/09 |
| AC45984-017 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-018 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-019 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-020 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-021 | Aqueous | 7/23/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-022 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-023 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-024 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-025 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-026 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |
| AC45984-027 | Aqueous | 7/24/09 | 7/24/09 | NA | 7/31/09 |

# Reporting Limit Definitions

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## REPORTING LIMIT DEFINITIONS

**RL** = Reporting Limit

**PQL** = Practical Quantitation Limit

**MDL** = Method Detection Limit

**CRQL**= Contract Required Quantitation Limit

For Clean Water Act and SW846 Organic methods, the RL = PQL. The PQL is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act Metals method, the RL = PQL. The PQL is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act and SW846 Wet Chemistry methods, the RL = PQL. The PQL is defined as a value 3 to 5 times the MDL.

CLP Organics and Inorganics reported to CRQL.

# Data Package Summary Forms

# Veritech Report Of Analysis

**Lab#: AC45984-001 Collection Date: 7/23/2009**
**Sample ID: 1-30-185- TRIP BLANK**

| TestGroup/Analyte | DF | Units | RL | Result |
|---|---|---|---|---|
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

**Lab#: AC45984-002 Collection Date: 7/23/2009**
**Sample ID: 1-30-185-GP09 (100)**

| TestGroup/Analyte | DF | Units | RL | Result |
|---|---|---|---|---|
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| **1,1-Dichloroethane** | **1** | **ug/l** | **1.0** | **1.1** |
| **1,1-Dichloroethene** | **1** | **ug/l** | **1.0** | **13** |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **100** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| **Trichloroethene** | **1** | **ug/l** | **1.0** | **56** |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-003 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (85) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **4.9** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **1.5** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-004 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (70) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| **1,1-Dichloroethene** | **1** | **ug/l** | **1.0** | **2.0** |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **31** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| **Trichloroethene** | **1** | **ug/l** | **1.0** | **8.5** |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-005 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (55) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **3.1** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| **Trichloroethene** | **1** | **ug/l** | **1.0** | **1.0** |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-006 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (40) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **2.0** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-007 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (40) MS | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | 24 |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | 17 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | 24 |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | 19 |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | 22 |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | 21 |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | 17 |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | 17 |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | 16 |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | 19 |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | 18 |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | 19 |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | 19 |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | 21 |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | 21 |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | 19 |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | 19 |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | 20 |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | 17 |
| 1,4-Dioxane | 1 | ug/l | 50 | 910 |
| 2-Butanone | 1 | ug/l | 1.0 | 15 |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | 14 |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | 20 |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | 15 |
| Acetone | 1 | ug/l | 5.0 | 85 |
| Acrolein | 1 | ug/l | 5.0 | 110 |
| Acrylonitrile | 1 | ug/l | 1.0 | 19 |
| Benzene | 1 | ug/l | 0.50 | 22 |
| Bromochloromethane | 1 | ug/l | 1.0 | 19 |
| Bromodichloromethane | 1 | ug/l | 1.0 | 18 |
| Bromoform | 1 | ug/l | 1.0 | 15 |
| Bromomethane | 1 | ug/l | 1.0 | 18 |
| Carbon disulfide | 1 | ug/l | 1.0 | 22 |
| Carbon tetrachloride | 1 | ug/l | 1.0 | 25 |
| Chlorobenzene | 1 | ug/l | 1.0 | 21 |
| Chloroethane | 1 | ug/l | 1.0 | 19 |
| Chloroform | 1 | ug/l | 1.0 | 21 |
| Chloromethane | 1 | ug/l | 1.0 | 19 |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | 22 |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | 16 |
| Cyclohexane | 1 | ug/l | 1.0 | 21 |
| Dibromochloromethane | 1 | ug/l | 1.0 | 19 |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | 17 |
| Ethylbenzene | 1 | ug/l | 1.0 | 18 |
| Isopropylbenzene | 1 | ug/l | 1.0 | 16 |
| m&p-Xylenes | 1 | ug/l | 1.0 | 45 |
| Methyl Acetate | 1 | ug/l | 1.0 | 20 |
| Methylcyclohexane | 1 | ug/l | 1.0 | 20 |
| Methylene chloride | 1 | ug/l | 1.0 | 23 |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | 19 |
| n-Butylbenzene | 1 | ug/l | 1.0 | 18 |
| n-Propylbenzene | 1 | ug/l | 1.0 | 18 |
| o-Xylene | 1 | ug/l | 1.0 | 22 |
| sec-Butylbenzene | 1 | ug/l | 1.0 | 17 |
| Styrene | 1 | ug/l | 1.0 | 21 |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | 80 |
| t-Butylbenzene | 1 | ug/l | 1.0 | 17 |
| Tetrachloroethene | 1 | ug/l | 1.0 | 27 |
| Toluene | 1 | ug/l | 1.0 | 22 |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | 22 |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | 15 |
| Trichloroethene | 1 | ug/l | 1.0 | 22 |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | 23 |
| Vinyl chloride | 1 | ug/l | 1.0 | 16 |
| Xylenes (Total) | 1 | ug/l | 1 | 67 |

| Lab#: AC45984-008 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (40) MSD | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | 21 |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | 17 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | 22 |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | 18 |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | 21 |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | 19 |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | 17 |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | 16 |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | 16 |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | 18 |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | 15 |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | 18 |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | 17 |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | 22 |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | 18 |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | 17 |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | 19 |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | 19 |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | 16 |
| 1,4-Dioxane | 1 | ug/l | 50 | 800 |
| 2-Butanone | 1 | ug/l | 1.0 | 18 |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | 12 |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | 19 |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | 14 |
| Acetone | 1 | ug/l | 5.0 | 83 |
| Acrolein | 1 | ug/l | 5.0 | 100 |
| Acrylonitrile | 1 | ug/l | 1.0 | 15 |
| Benzene | 1 | ug/l | 0.50 | 20 |
| Bromochloromethane | 1 | ug/l | 1.0 | 19 |
| Bromodichloromethane | 1 | ug/l | 1.0 | 17 |
| Bromoform | 1 | ug/l | 1.0 | 14 |
| Bromomethane | 1 | ug/l | 1.0 | 18 |
| Carbon disulfide | 1 | ug/l | 1.0 | 22 |
| Carbon tetrachloride | 1 | ug/l | 1.0 | 21 |
| Chlorobenzene | 1 | ug/l | 1.0 | 19 |
| Chloroethane | 1 | ug/l | 1.0 | 19 |
| Chloroform | 1 | ug/l | 1.0 | 20 |
| Chloromethane | 1 | ug/l | 1.0 | 18 |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | 20 |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | 14 |
| Cyclohexane | 1 | ug/l | 1.0 | 19 |
| Dibromochloromethane | 1 | ug/l | 1.0 | 18 |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | 16 |
| Ethylbenzene | 1 | ug/l | 1.0 | 17 |
| Isopropylbenzene | 1 | ug/l | 1.0 | 16 |
| m&p-Xylenes | 1 | ug/l | 1.0 | 43 |
| Methyl Acetate | 1 | ug/l | 1.0 | 19 |
| Methylcyclohexane | 1 | ug/l | 1.0 | 19 |
| Methylene chloride | 1 | ug/l | 1.0 | 21 |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | 19 |
| n-Butylbenzene | 1 | ug/l | 1.0 | 17 |
| n-Propylbenzene | 1 | ug/l | 1.0 | 18 |
| o-Xylene | 1 | ug/l | 1.0 | 21 |
| sec-Butylbenzene | 1 | ug/l | 1.0 | 15 |
| Styrene | 1 | ug/l | 1.0 | 20 |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | 82 |
| t-Butylbenzene | 1 | ug/l | 1.0 | 17 |
| Tetrachloroethene | 1 | ug/l | 1.0 | 25 |
| Toluene | 1 | ug/l | 1.0 | 22 |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | 21 |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | 13 |
| Trichloroethene | 1 | ug/l | 1.0 | 20 |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | 21 |
| Vinyl chloride | 1 | ug/l | 1.0 | 15 |
| Xylenes (Total) | 1 | ug/l | 1 | 64 |

| Lab#: AC45984-009 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP09 (25) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-010 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (100) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **1.9** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| **Toluene** | **1** | **ug/l** | **1.0** | **2.5** |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-011 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (85) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| **Bromodichloromethane** | **1** | **ug/l** | **1.0** | **1.2** |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **7.5** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| **Toluene** | **1** | **ug/l** | **1.0** | **1.0** |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-012 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (70) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **6.5** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| **Toluene** | **1** | **ug/l** | **1.0** | **1.1** |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-013 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (55) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 1.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **4.0** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| **Toluene** | **1** | **ug/l** | **1.0** | **1.1** |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-014 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (40) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-015 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP10 (25) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-016 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (100) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 1.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-017 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (85) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **2.2** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-018 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (70) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **1.0** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-019 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (55) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **2.0** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-020 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (40) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-021 Collection Date: 7/23/2009<br>Sample ID: 1-30-185-GP11 (25) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **1.7** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| **Tetrachloroethene** | **1** | **ug/l** | **1.0** | **2.5** |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-022 Collection Date: 7/24/2009<br>Sample ID: 1-30-185-GP12 (100) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-023 Collection Date: 7/24/2009<br>Sample ID: 1-30-185-GP12 (85) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **2.6** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-024 Collection Date: 7/24/2009<br>Sample ID: 1-30-185-GP12 (70) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-025 Collection Date: 7/24/2009<br>Sample ID: 1-30-185-GP12 (55) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

| Lab#: AC45984-026 Collection Date: 7/24/2009<br>Sample ID: 1-30-185-GP12 (40) | | | | |
|---|---|---|---|---|
| **TestGroup/Analyte** | **DF** | **Units** | **RL** | **Result** |
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| Chloroform | 1 | ug/l | 1.0 | ND |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

**Lab#: AC45984-027 Collection Date: 7/24/2009**
**Sample ID: 1-30-185-GP12 (25)**

| TestGroup/Analyte | DF | Units | RL | Result |
|---|---|---|---|---|
| **Volatile Organics (no search) 8260** | | | | |
| 1,1,1-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2,2-Tetrachloroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1 | ug/l | 1.0 | ND |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethane | 1 | ug/l | 1.0 | ND |
| 1,1-Dichloroethene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,3-Trichloropropane | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2,4-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromo-3-chloropropane | 1 | ug/l | 1.0 | ND |
| 1,2-Dibromoethane | 1 | ug/l | 1.0 | ND |
| 1,2-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,2-Dichloroethane | 1 | ug/l | 0.50 | ND |
| 1,2-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,3,5-Trimethylbenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,3-Dichloropropane | 1 | ug/l | 1.0 | ND |
| 1,4-Dichlorobenzene | 1 | ug/l | 1.0 | ND |
| 1,4-Dioxane | 1 | ug/l | 50 | ND |
| 2-Butanone | 1 | ug/l | 1.0 | ND |
| 2-Chloroethylvinylether | 1 | ug/l | 1.0 | ND |
| 2-Hexanone | 1 | ug/l | 5.0 | ND |
| 4-Isopropyltoluene | 1 | ug/l | 1.0 | ND |
| 4-Methyl-2-pentanone | 1 | ug/l | 1.0 | ND |
| Acetone | 1 | ug/l | 5.0 | ND |
| Acrolein | 1 | ug/l | 5.0 | ND |
| Acrylonitrile | 1 | ug/l | 1.0 | ND |
| Benzene | 1 | ug/l | 0.50 | ND |
| Bromochloromethane | 1 | ug/l | 1.0 | ND |
| Bromodichloromethane | 1 | ug/l | 1.0 | ND |
| Bromoform | 1 | ug/l | 1.0 | ND |
| Bromomethane | 1 | ug/l | 1.0 | ND |
| Carbon disulfide | 1 | ug/l | 1.0 | ND |
| Carbon tetrachloride | 1 | ug/l | 1.0 | ND |
| Chlorobenzene | 1 | ug/l | 1.0 | ND |
| Chloroethane | 1 | ug/l | 1.0 | ND |
| **Chloroform** | **1** | **ug/l** | **1.0** | **1.7** |
| Chloromethane | 1 | ug/l | 1.0 | ND |
| cis-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| cis-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Cyclohexane | 1 | ug/l | 1.0 | ND |
| Dibromochloromethane | 1 | ug/l | 1.0 | ND |
| Dichlorodifluoromethane | 1 | ug/l | 1.0 | ND |
| Ethylbenzene | 1 | ug/l | 1.0 | ND |
| Isopropylbenzene | 1 | ug/l | 1.0 | ND |
| m&p-Xylenes | 1 | ug/l | 1.0 | ND |
| Methyl Acetate | 1 | ug/l | 1.0 | ND |
| Methylcyclohexane | 1 | ug/l | 1.0 | ND |
| Methylene chloride | 1 | ug/l | 1.0 | ND |
| Methyl-t-butyl ether | 1 | ug/l | 0.50 | ND |
| n-Butylbenzene | 1 | ug/l | 1.0 | ND |
| n-Propylbenzene | 1 | ug/l | 1.0 | ND |
| o-Xylene | 1 | ug/l | 1.0 | ND |
| sec-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Styrene | 1 | ug/l | 1.0 | ND |
| t-Butyl Alcohol | 1 | ug/l | 5.0 | ND |
| t-Butylbenzene | 1 | ug/l | 1.0 | ND |
| Tetrachloroethene | 1 | ug/l | 1.0 | ND |
| Toluene | 1 | ug/l | 1.0 | ND |
| trans-1,2-Dichloroethene | 1 | ug/l | 1.0 | ND |
| trans-1,3-Dichloropropene | 1 | ug/l | 1.0 | ND |
| Trichloroethene | 1 | ug/l | 1.0 | ND |
| Trichlorofluoromethane | 1 | ug/l | 1.0 | ND |
| Vinyl chloride | 1 | ug/l | 1.0 | ND |
| Xylenes (Total) | 1 | ug/l | 1 | ND |

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-001
Client Id: 1-30-185- TRIP BLANK
Data File: 6M44191.D
Analysis Date: 07/30/09 15:49
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-002
Client Id: 1-30-185-GP09 (100)
Data File: 6M44253.D
Analysis Date: 07/31/09 11:15
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| **75-34-3** | **1,1-Dichloroethane** | **1.0** | **1.1** | 67-66-3 | Chloroform | 1.0 | U |
| **75-35-4** | **1,1-Dichloroethene** | **1.0** | **13** | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **100** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **56** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 170

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-003
Client Id: 1-30-185-GP09 (85)
Data File: 6M44258.D
Analysis Date: 07/31/09 12:34
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **4.9** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **1.5** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 6.4

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-004
Client Id: 1-30-185-GP09 (70)
Data File: 6M44259.D
Analysis Date: 07/31/09 12:50
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56‡23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| **75-35-4** | **1,1-Dichloroethene** | **1.0** | **2.0** | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **31** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **8.5** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 42

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-005
Client Id: 1-30-185-GP09 (55)
Data File: 6M44275.D
Analysis Date: 07/31/09 17:04
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **3.1** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **1.0** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 4.1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-006
Client Id: 1-30-185-GP09 (40)
Data File: 6M44190.D
Analysis Date: 07/30/09 15:33
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **2.0** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-007(MS:AC45
Client Id: 1-30-185-GP09 (40) MS
Data File: 6M44188.D
Analysis Date: 07/30/09 15:02
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | 24 | 75-15-0 | Carbon Disulfide | 1.0 | 22 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | 17 | 56-23-5 | Carbon Tetrachloride | 1.0 | 25 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-triflu | 1.0 | 24 | 108-90-7 | Chlorobenzene | 1.0 | 21 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | 19 | 75-00-3 | Chloroethane | 1.0 | 19 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | 22 | 67-66-3 | Chloroform | 1.0 | 21 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 21 | 74-87-3 | Chloromethane | 1.0 | 19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | 17 | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | 22 |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | 17 | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | 16 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | 16 | 110-82-7 | Cyclohexane | 1.0 | 21 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | 19 | 124-48-1 | Dibromochloromethane | 1.0 | 19 |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 1.0 | 18 | 75-71-8 | Dichlorodifluoromethane | 1.0 | 17 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | 19 | 100-41-4 | Ethylbenzene | 1.0 | 18 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | 19 | 98-82-8 | Isopropylbenzene | 1.0 | 16 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | 21 | 136777612 | m&p-Xylenes | 1.0 | 45 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | 21 | 79-20-9 | Methyl Acetate | 1.0 | 20 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | 19 | 108-87-2 | Methylcyclohexane | 1.0 | 20 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | 19 | 75-09-2 | Methylene Chloride | 1.0 | 23 |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | 20 | 1634-04-4 | Methyl-t-butyl ether | 0.50 | 19 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | 17 | 104-51-8 | n-Butylbenzene | 1.0 | 18 |
| 123-91-1 | 1,4-Dioxane | 50 | 910 | 103-65-1 | n-Propylbenzene | 1.0 | 18 |
| 78-93-3 | 2-Butanone | 1.0 | 15 | 95-47-6 | o-Xylene | 1.0 | 22 |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | 17 |
| 591-78-6 | 2-Hexanone | 5.0 | 14 | 100-42-5 | Styrene | 1.0 | 21 |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | 20 | 75-65-0 | t-Butyl Alcohol | 5.0 | 80 |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | 15 | 98-06-6 | t-Butylbenzene | 1.0 | 17 |
| 67-64-1 | Acetone | 5.0 | 85 | 127-18-4 | Tetrachloroethene | 1.0 | 27 |
| 107-02-8 | Acrolein | 5.0 | 110 | 108-88-3 | Toluene | 1.0 | 22 |
| 107-13-1 | Acrylonitrile | 1.0 | 19 | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | 22 |
| 71-43-2 | Benzene | 0.50 | 22 | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | 15 |
| 74-97-5 | Bromochloromethane | 1.0 | 19 | 79-01-6 | Trichloroethene | 1.0 | 22 |
| 75-27-4 | Bromodichloromethane | 1.0 | 18 | 75-69-4 | Trichlorofluoromethane | 1.0 | 23 |
| 75-25-2 | Bromoform | 1.0 | 15 | 75-01-4 | Vinyl Chloride | 1.0 | 16 |
| 74-83-9 | Bromomethane | 1.0 | 18 | 1330-20-7 | Xylenes (Total) | 1 | 67 |

Worksheet #: 125219

***Total Target Concentration*** 2400

*U - Indicates the compound was analyzed but not detected.*
*B - Indicates the analyte was found in the blank as well as in the sample.*
*E - Indicates the analyte concentration exceeds the calibration range of the instrument.*
*R - Retention Time Out*
*J - Indicates an estimated value when a compound is detected at less than the specified detection limit.*
*d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.*

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-008(MSD:AC
Client Id: 1-30-185-GP09 (40) MSD
Data File: 6M44189.D
Analysis Date: 07/30/09 15:17
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | 21 | 75-15-0 | Carbon Disulfide | 1.0 | 22 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | 17 | 56-23-5 | Carbon Tetrachloride | 1.0 | 21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-triflu | 1.0 | 22 | 108-90-7 | Chlorobenzene | 1.0 | 19 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | 18 | 75-00-3 | Chloroethane | 1.0 | 19 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | 21 | 67-66-3 | Chloroform | 1.0 | 20 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 19 | 74-87-3 | Chloromethane | 1.0 | 18 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | 17 | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | 20 |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | 16 | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | 14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | 16 | 110-82-7 | Cyclohexane | 1.0 | 19 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | 18 | 124-48-1 | Dibromochloromethane | 1.0 | 18 |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 1.0 | 15 | 75-71-8 | Dichlorodifluoromethane | 1.0 | 16 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | 18 | 100-41-4 | Ethylbenzene | 1.0 | 17 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | 17 | 98-82-8 | Isopropylbenzene | 1.0 | 16 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | 22 | 136777612 | m&p-Xylenes | 1.0 | 43 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | 18 | 79-20-9 | Methyl Acetate | 1.0 | 19 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | 17 | 108-87-2 | Methylcyclohexane | 1.0 | 19 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | 19 | 75-09-2 | Methylene Chloride | 1.0 | 21 |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | 19 | 1634-04-4 | Methyl-t-butyl ether | 0.50 | 19 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | 16 | 104-51-8 | n-Butylbenzene | 1.0 | 17 |
| 123-91-1 | 1,4-Dioxane | 50 | 800 | 103-65-1 | n-Propylbenzene | 1.0 | 18 |
| 78-93-3 | 2-Butanone | 1.0 | 18 | 95-47-6 | o-Xylene | 1.0 | 21 |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | 15 |
| 591-78-6 | 2-Hexanone | 5.0 | 12 | 100-42-5 | Styrene | 1.0 | 20 |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | 19 | 75-65-0 | t-Butyl Alcohol | 5.0 | 82 |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | 14 | 98-06-6 | t-Butylbenzene | 1.0 | 17 |
| 67-64-1 | Acetone | 5.0 | 83 | 127-18-4 | Tetrachloroethene | 1.0 | 25 |
| 107-02-8 | Acrolein | 5.0 | 100 | 108-88-3 | Toluene | 1.0 | 22 |
| 107-13-1 | Acrylonitrile | 1.0 | 15 | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | 21 |
| 71-43-2 | Benzene | 0.50 | 20 | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | 13 |
| 74-97-5 | Bromochloromethane | 1.0 | 19 | 79-01-6 | Trichloroethene | 1.0 | 20 |
| 75-27-4 | Bromodichloromethane | 1.0 | 17 | 75-69-4 | Trichlorofluoromethane | 1.0 | 21 |
| 75-25-2 | Bromoform | 1.0 | 14 | 75-01-4 | Vinyl Chloride | 1.0 | 15 |
| 74-83-9 | Bromomethane | 1.0 | 18 | 1330-20-7 | Xylenes (Total) | 1 | 64 |

Worksheet #: 125219

***Total Target Concentration*** 2200

*U - Indicates the compound was analyzed but not detected.*
*B - Indicates the analyte was found in the blank as well as in the sample.*
*E - Indicates the analyte concentration exceeds the calibration range of the instrument.*
*R - Retention Time Out*
*J - Indicates an estimated value when a compound is detected at less than the specified detection limit.*
*d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.*

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-009
Client Id: 1-30-185-GP09 (25)
Data File: 6M44261.D
Analysis Date: 07/31/09 13:21
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-010
Client Id: 1-30-185-GP10 (100)
Data File: 6M44262.D
Analysis Date: 07/31/09 13:37
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.9** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **2.5** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125220

***Total Target Concentration*** 4.4

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-011
Client Id: 1-30-185-GP10 (85)
Data File: 6M44263.D
Analysis Date: 07/31/09 13:53
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **7.5** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.0** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| **75-27-4** | **Bromodichloromethane** | **1.0** | **1.2** | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 9.7

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-012
Client Id: 1-30-185-GP10 (70)
Data File: 6M44264.D
Analysis Date: 07/31/09 14:09
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **6.5** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.1** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 7.6

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-013
Client Id: 1-30-185-GP10 (55)
Data File: 6M44101.D
Analysis Date: 07/29/09 11:43
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **4.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 1.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.1** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 5.1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-014
Client Id: 1-30-185-GP10 (40)
Data File: 6M44265.D
Analysis Date: 07/31/09 14:25
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-015
Client Id: 1-30-185-GP10 (25)
Data File: 6M44266.D
Analysis Date: 07/31/09 14:41
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1 0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-016
Client Id: 1-30-185-GP11 (100)
Data File: 6M44102.D
Analysis Date: 07/29/09 11:58
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 1.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-017
Client Id: 1-30-185-GP11 (85)
Data File: 6M44267.D
Analysis Date: 07/31/09 14:57
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.2** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2.2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-018
Client Id: 1-30-185-GP11 (70)
Data File: 6M44268.D
Analysis Date: 07/31/09 15:12
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-019
Client Id: 1-30-185-GP11 (55)
Data File: 6M44269.D
Analysis Date: 07/31/09 15:28
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-020
Client Id: 1-30-185-GP11 (40)
Data File: 6M44270.D
Analysis Date: 07/31/09 15:44
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-021
Client Id: 1-30-185-GP11 (25)
Data File: 6M44271.D
Analysis Date: 07/31/09 16:00
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.7** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **2.5** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 4.2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-022
Client Id: 1-30-185-GP12 (100)
Data File: 6M44272.D
Analysis Date: 07/31/09 16:16
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-023
Client Id: 1-30-185-GP12 (85)
Data File: 6M44273.D
Analysis Date: 07/31/09 16:31
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.6** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2.6

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-024
Client Id: 1-30-185-GP12 (70)
Data File: 6M44277.D
Analysis Date: 07/31/09 17:39
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-025
Client Id: 1-30-185-GP12 (55)
Data File: 6M44278.D
Analysis Date: 07/31/09 17:55
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-026
Client Id: 1-30-185-GP12 (40)
Data File: 6M44279.D
Analysis Date: 07/31/09 18:10
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-027
Client Id: 1-30-185-GP12 (25)
Data File: 6M44280.D
Analysis Date: 07/31/09 18:26
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.7** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 1.7

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

# Chain of Custody Forms

0051

**Veritech/Division of Hampton-Clarke** — **CHAIN OF CUSTODY RECORD**

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

Ph: 800-426-9992
Fax: 973-439-1458

Project#(Lab Use Only) 9072410

Page 1 of 3

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

## Customer Information

1a) Customer: EA Engineering
Address: 6712 Brooklawn Pky - Ste 104
Syracuse NY 13211
1b) Email/Cell/Fax/Ph: dcrandall@eaest.com
1c) Send Invoice To: Dave Crandall
1d) Send Report To: same

## Project Information

2a) Project: 14368.35 Perdaflex
2b) Project Manager: Dan Cullivan
2c) Location (City/State): Garden City, NY
2d) Quote#/PO# (If Applicable):

| Turnaround Time | Report type | Electronic Deliv |
|---|---|---|
| 24-Hour(100%) | Data Sum | (Hazsite/Csv) |
| 48-Hour(75%) | Waste | Equis |
| 72-Hour (50%) | Red-NJ/NY/PA | Excel-NJCC |
| 4 Day (TPH) | CLP | Excel-Nytagm |
| 1-Week(25%) | (Full/Cat-B) | Excel-PAActII |
| 10 Days(10%) | Cat-A | (PDF) |
| (Standard) | Other: NJSDE | Other: |
| Other: | | |

Expedited TAT Not always available (Please check with lab)!

## 7) Analysis Request

FOR LAB USE ONLY

Batch# AC45984

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Check if Contingent===> <===Check if Contingent

| Lab Sample# | 4) Customer Sample ID | 5) Matrix | 6) Sample Date | 6) Sample Time | Sample Type: Composite(C) | Sample Type: Grab(G) | VOC | 8) # Of Bottles: None | MeOH | Encore | NaOH | HCl | $H_2SO_4$ | $HNO_3$ | Other: | 9) Methanol Bottle Numbers (If applicable) / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -001 | I-30-185-[redacted] Tripblank | Ot | | | | X | X | | | | | 3 | | | | |
| -002 | I-30-185-GP09 (100) | GW | 7-23-09 | 0910 | | X | X | | | | | 3 | | | | |
| -003 | I-30-185-GP09 (85) | GW | 7-23-09 | 0916 | | X | X | | | | | 3 | | | | |
| -004 | I-30-185-GP09 (70) | GW | 7-23-09 | 0930 | | X | X | | | | | 3 | | | | |
| -005 | I-30-185-GP09 (55) | GW | 7-23-09 | 0938 | | X | X | | | | | 3 | | | | |
| -006-008 | I-30-185-GP09 (40) | GW | 7-23-09 | 0955 | | X | X | | | | | 9 | | | | 3+6 MS/MSD |
| -009 | I-30-185-GP09 (25) | GW | 7-23-09 | 1000 | | X | X | | | | | 3 | | | | |
| -010 | I-30-185-GP10 (100) | GW | 7-23-09 | 1250 | | X | X | | | | | 3 | | | | |
| -011 | I-30-185-GP10 (85) | GW | 7-23-09 | 1259 | | X | X | | | | | 3 | | | | |
| -012 | I-30-185-GP10 (70) | GW | 7-23-09 | 1367 | | X | X | | | | | 3 | | | | |

| 10) Relinquished By: | Accepted By | Date | Time |
|---|---|---|---|
| | | 7/24/09 | 1150 |

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Date: 7/24/09

Cooler Tmp 2.7°

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

**Veritech/Division of Hampton-Clarke** — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458

75 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

Project#(Lab Use Only)

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SC2 COC

3) Reporting Requirements(please circle)

**Customer Information**

1a) Customer: EA Engineering
Address: 6712 Brooklawn Pkwy Ste. 104 Syracuse NY 13211
1b) Email/Cell/Fax/Ph: dcrandall@eaest.com
1c) Send Invoice To: Dave Crandall
1d) Send Report To: same

**Project Information**

2a) Project: 14368.35 Pendaflex
2b) Project Manager: Dan Cullinan
2c) Location (City/State): Garden City, NY
2d) Quote#/PO# (If Applicable):

| Turnaround Time | Report type | Electronic Deliv |
|---|---|---|
| 24-Hour(100%) | Data Sum | (Hazsite/Csv) |
| 48-Hour(75%) | Waste | Equis |
| 72-Hour (50%) | Red-NJ/NY/PA | Excel-NJCC |
| 4 Day (TPH) | CLP | Excel-Nytagm |
| 1-Week(25%) | (Full/Cat-B) | Excel-PAActII |
| 10 Days(10%) | Cat-A | (PDF) |
| (Standard) | Other: NYSDEC | Other: |
| Other: | | |

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC45984

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

| Lab Sample# | 4) Customer Sample ID | 5) Matrix | 6) Sample Date | 6) Sample Time | Sample Type: Composite(C) | Sample Type: Grab(G) | VOC | 8) # Of Bottles: None | MeOH | Encore | NaOH | HCl | $H_2SO_4$ | $HNO_3$ | Other: | 9) Methanol Bottle Numbers (If applicable) / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -013 | I-30-185-GP10(55) | GW | 7-23-09 | 1313 | | X | X | | | | | 3 | | | | |
| -014 | I-30-185-GP10(40) | GW | 7-23-09 | 1323 | | X | X | | | | | 3 | | | | |
| -015 | I-30-185-GP10(25) | GW | 7-23-09 | 1330 | | X | X | | | | | 3 | | | | |
| -016 | I-30-185-GP11(100) | GW | 7-23-09 | 1454 | | X | X | | | | | 3 | | | | |
| -017 | I-30-185-GP11(85) | GW | 7-23-09 | 1505 | | X | X | | | | | 3 | | | | |
| -018 | I-30-185-GP11(70) | GW | 7-23-09 | 1517 | | X | X | | | | | 3 | | | | |
| -019 | I-30-185-GP11(55) | GW | 7-23-09 | 1524 | | X | X | | | | | 3 | | | | |
| -020 | I-30-185-GP11(40) | GW | 7-23-09 | 1530 | | X | X | | | | | 3 | | | | |
| -021 | I-30-185-GP11(25) | GW | 7-23-09 | 1540 | | X | X | | | | | 3 | | | | |
| | ~~I-30-185~~ | | | | | | | | | | | | | | | |

| 10) Relinquished By: | Accepted By | Date | Time |
|---|---|---|---|
| | | 7/24/09 | 11:30 |

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Date: 7/24/09

Cooler Tmp 2-7

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5 sample will be assessed for storage should sample not be activated for any analysis

**Veritech/Division of Hampton-Clarke** — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458 — Project#(Lab Use Only) — Page 3 of 3

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

SEVERN TRENT LABORATORIES

## Customer Information

1a) Customer: EA Engineering
Address: 6712 Brooklawn Pkwy Ste. 104 Syracuse NY 13211
1b) Email/Cell/Fax/Ph: dcrandall@eaest.com
1c) Send Invoice To: Dave Crandall
1d) Send Report To: Same.

## Project Information

2a) Project: 14368.35 Perdaflex
2b) Project Manager: Dan Cullican
2c) Location (City/State): Garden City, NY
2d) Quote#/PO# (If Applicable):

## 3) Reporting Requirements (please circle)

| Turnaround Time | Report type | Electronic Deliv |
|---|---|---|
| 24-Hour(100%) | Data Sum | Hazsite/Csv |
| 48-Hour(75%) | Waste | Equis |
| 72-Hour (50%) | Red-NJ/NY/PA | Excel-NJCC |
| 4 Day (TPH) | CLP | Excel-Nytagm |
| 1-Week(25%) | Full/Cat-B | Excel-PAActII |
| 10 Days(10%) | Cat-A | PDF |
| Standard | Other NJSDEL | Other: |
| Other: | | |

Expedited TAT Not always available (Please check with lab)!

## 7) Analysis Request

Check if Contingent===> <===Check if Contingent

FOR LAB USE ONLY

Batch# AC45984

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

| Lab Sample# | 4) Customer Sample ID | 5) Matrix | 6) Sample Date | 6) Sample Time | Sample Type: Composite(C) | Sample Type: Grab(G) | 8) # Of Bottles: None | MeOH | Encore | NaOH | HCl | $H_2SO_4$ | $HNO_3$ | Other: | 9) Methanol Bottle Numbers (If applicable) / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -022 | I-30-185-GP12 (100) | GW | 7-24-09 | 0920 | | X | | | | | 4 VOA | | | | |
| -023 | I-30-185-GP12 (85) | GW | 7-24-09 | 0925 | | X | | | | | 4 VOA | | | | |
| -024 | I-30-185-GP12 (70) | GW | 7-24-09 | 0940 | | X | | | | | 4 VOA | | | | |
| -025 | I-30-185-GP12 (55) | GW | 7-24-09 | 0949 | | X | | | | | 4 VOA | | | | |
| -026 | I-30-185-GP12 (40) | GW | 7-24-09 | 0958 | | X | | | | | 4 VOA | | | | |
| -027 | I-30-185-GP12 (25) | GW | 7-24-09 | 1007 | | X | | | | | 4 VOA | | | | |
| | ~~I-30-185~~ | | | | | | | | | | | | | | |
| | ~~I-30-185~~ | | | | | | | | | | | | | | |
| | ~~I-30-185~~ | | | | | | | | | | | | | | |
| | ~~I-30-185~~ | | | | | | | | | | | | | | |

| 10) Relinquished By: | Accepted By | Date | Time |
|---|---|---|---|
| | | 7/24/09 | 1150 |

Comments, Notes, Special Requirements, HAZARDS

Cooler Tmp 2.7°

11) Sampler: Date: 7/24/09

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

# CONDITION UPON RECEIPT

Batch Number AC45984 Entered By: Frantz

Date Entered 7/24/2009 12:20:00 PM

| | | |
|---|---|---|
| 1 | Yes | Is there a corresponding COC included with the samples? |
| 2 | Yes | Are the samples in a container such as a cooler or Ice chest? |
| 3 | Yes | Are the COC seals intact? |
| 4 | Yes | Please specify the Temperature inside the container (in degC)<br>2.7 |
| 5 | Yes | Are the samples refrigerated (where required)/have they arrived on ice? |
| 6 | Yes | Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples: |
| 7 | Yes | Are all of the sample bottles intact? If no, specify sample numbers broken/leaking |
| 8 | Yes | Are all of the sample labels or numbers legible? If no specify: |
| 9 | Yes | Do the contents match the COC? If no, specify |
| 10 | Yes | Is there enough sample sent for the analyses listed on the COC? If no, specify: |
| 11 | NO | Are samples preserved correctly? |
| 12 | NA | Are all soils preserved in methanol accompanied by dry soil? |
| 13 | NA | Other comments ...Specify |
| 14 | NA | Corrective actions (Specify item number and corrective action taken). |

# PRESERVATION DOCUMENT

Batch Number AC45984

Entered By: Frantz

Date Entered 7/24/2009 12:19:00 PM

| Lab#: | Container Siz | Container Typ | Paramete | Preservative | PH |
|---|---|---|---|---|---|
| AC45984-001 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-002 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-003 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-004 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-005 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-006 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-007 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-008 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-009 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-010 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-011 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-012 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-013 | 40ml | G | VO+10 | HCL | 7 |
| AC45984-014 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-015 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-016 | 40ml | G | VO+10 | HCL | 3 |
| AC45984-017 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-018 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-019 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-020 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-021 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-022 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-023 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-024 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-025 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-026 | 40ml | G | VO+10 | HCL | 1 |
| AC45984-027 | 40ml | G | VO+10 | HCL | 1 |

# Internal Chain of Custody



| Lab#: | DateTime: | Loc or User | Bot Nu | A/M | Analysis |
|---|---|---|---|---|---|
| AC45984-001 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-001 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-001 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-001 | 07/30/09 14:50 | SG | 3 | A | VOA |
| AC45984-002 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-002 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-002 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-002 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-003 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-003 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-003 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-003 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-004 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-004 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-004 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-004 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-005 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-005 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-005 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-005 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-006 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-006 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-006 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-006 | 07/30/09 14:50 | SG | 3 | A | VOA |
| AC45984-007 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-007 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-007 | 07/30/09 14:50 | SG | 1 | A | VOA |
| AC45984-007 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-008 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-008 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-008 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-008 | 07/30/09 14:50 | SG | 3 | A | VOA |
| AC45984-009 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-009 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-009 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-009 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-010 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-010 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-010 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-010 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-011 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-011 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-011 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-011 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-012 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-012 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-012 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-012 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-013 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-013 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-013 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-013 | 07/29/09 09:33 | SG | 3 | A | VOA |
| AC45984-014 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-014 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-014 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-014 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-015 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-015 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-015 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-015 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-016 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-016 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-016 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-016 | 07/29/09 09:33 | SG | 3 | A | VOA |
| AC45984-017 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-017 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-017 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-017 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-018 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-018 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-018 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-018 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-019 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-019 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-019 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-019 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-020 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-020 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-020 | 07/27/09 13:39 | WP | 2 | A | VOA |
| AC45984-020 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-021 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-021 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-021 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-021 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-021 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-021 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-022 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-022 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-022 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-022 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-022 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-022 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-023 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-023 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-023 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-023 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-023 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-023 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-024 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-024 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-024 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-024 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-024 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-024 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-025 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-025 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-025 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-025 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-025 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-025 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-026 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-026 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-026 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-026 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-026 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-026 | 07/31/09 10:06 | SG | 3 | A | VOA |
| AC45984-027 | 07/24/09 11:50 | FRAN | 0 | M | Received |
| AC45984-027 | 07/24/09 12:19 | FRAN | 0 | M | Login |
| AC45984-027 | 07/27/09 14:11 | SG | 2 | A | VOA |
| AC45984-027 | 07/27/09 14:14 | R22 | 2 | M | NONE |
| AC45984-027 | 07/27/09 14:17 | SG | 2 | A | VOA |
| AC45984-027 | 07/31/09 10:06 | SG | 3 | A | VOA |

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

# GC/MS Volatile Data

# GC/MS Volatile Data
# QC Summary

# FORM2

## Surrogate Recovery

Method: EPA 8260B

| Dfile | Sample# | Matrix | Date/Time | Surr Dil | Dilute Out Flag | Column1 S1 Recov | Column1 S2 Recov | Column1 S3 Recov | Column1 S4 Recov | Column0 S5 Recov | Column0 S6 Recov |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M43972.D | DAILY BLANK | Aqueous | 07/27/09 09:21 | 1 | | 116 | 110 | 97 | 102 | | |
| 6M44092.D | DAILY BLANK | Aqueous | 07/29/09 09:17 | 1 | | 118 | 120 | 94 | 100 | | |
| 6M44186.D | DAILY BLANK | Aqueous | 07/30/09 14:29 | 1 | | 97 | 108 | 90 | 97 | | |
| 6M44249.D | DAILY BLANK | Aqueous | 07/31/09 10:06 | 1 | | 102 | 103 | 100 | 98 | | |
| 6M44191.D | AC45984-001 | Aqueous | 07/30/09 15:49 | 1 | | 106 | 104 | 92 | 96 | | |
| 6M44253.D | AC45984-002 | Aqueous | 07/31/09 11:15 | 1 | | 99 | 97 | 99 | 94 | | |
| 6M44258.D | AC45984-003 | Aqueous | 07/31/09 12:34 | 1 | | 107 | 106 | 99 | 97 | | |
| 6M44259.D | AC45984-004 | Aqueous | 07/31/09 12:50 | 1 | | 101 | 101 | 95 | 94 | | |
| 6M44275.D | AC45984-005 | Aqueous | 07/31/09 17:04 | 1 | | 111 | 101 | 96 | 96 | | |
| 6M44190.D | AC45984-006 | Aqueous | 07/30/09 15:33 | 1 | | 107 | 106 | 100 | 97 | | |
| 6M44188.D | AC45984-007( | Aqueous | 07/30/09 15:02 | 1 | | 104 | 92 | 103 | 95 | | |
| 6M44189.D | AC45984-008( | Aqueous | 07/30/09 15:17 | 1 | | 102 | 102 | 106 | 99 | | |
| 6M44261.D | AC45984-009 | Aqueous | 07/31/09 13:21 | 1 | | 105 | 104 | 95 | 92 | | |
| 6M44262.D | AC45984-010 | Aqueous | 07/31/09 13:37 | 1 | | 101 | 107 | 102 | 95 | | |
| 6M44263.D | AC45984-011 | Aqueous | 07/31/09 13:53 | 1 | | 110 | 109 | 94 | 96 | | |
| 6M44264.D | AC45984-012 | Aqueous | 07/31/09 14:09 | 1 | | 102 | 98 | 96 | 100 | | |
| 6M44101.D | AC45984-013 | Aqueous | 07/29/09 11:43 | 1 | | 112 | 118 | 95 | 103 | | |
| 6M44265.D | AC45984-014 | Aqueous | 07/31/09 14:25 | 1 | | 101 | 98 | 95 | 98 | | |
| 6M44266.D | AC45984-015 | Aqueous | 07/31/09 14:41 | 1 | | 110 | 98 | 99 | 93 | | |
| 6M44102.D | AC45984-016 | Aqueous | 07/29/09 11:58 | 1 | | 121 | 116 | 95 | 98 | | |
| 6M44267.D | AC45984-017 | Aqueous | 07/31/09 14:57 | 1 | | 100 | 102 | 95 | 98 | | |
| 6M44268.D | AC45984-018 | Aqueous | 07/31/09 15:12 | 1 | | 104 | 100 | 98 | 93 | | |
| 6M44269.D | AC45984-019 | Aqueous | 07/31/09 15:28 | 1 | | 117 | 112 | 92 | 93 | | |
| 6M44270.D | AC45984-020 | Aqueous | 07/31/09 15:44 | 1 | | 112 | 102 | 97 | 97 | | |
| 6M44271.D | AC45984-021 | Aqueous | 07/31/09 16:00 | 1 | | 104 | 98 | 96 | 95 | | |
| 6M44272.D | AC45984-022 | Aqueous | 07/31/09 16:16 | 1 | | 114 | 105 | 93 | 101 | | |
| 6M44273.D | AC45984-023 | Aqueous | 07/31/09 16:31 | 1 | | 111 | 116 | 100 | 95 | | |
| 6M44277.D | AC45984-024 | Aqueous | 07/31/09 17:39 | 1 | | 106 | 97 | 100 | 98 | | |
| 6M44278.D | AC45984-025 | Aqueous | 07/31/09 17:55 | 1 | | 110 | 108 | 100 | 99 | | |
| 6M44279.D | AC45984-026 | Aqueous | 07/31/09 18:10 | 1 | | 110 | 106 | 98 | 99 | | |
| 6M44280.D | AC45984-027 | Aqueous | 07/31/09 18:26 | 1 | | 115 | 104 | 95 | 95 | | |
| 6M43978.D | MBS12886 | Aqueous | 07/27/09 11:01 | 1 | | 114 | 110 | 104 | 98 | | |
| 6M43994.D | AC45937-001( | Aqueous | 07/27/09 15:14 | 1 | | 109 | 112 | 94 | 100 | | |
| 6M43999.D | AC45937-001( | Aqueous | 07/27/09 16:39 | 1 | | 118 | 112 | 101 | 98 | | |
| 6M44000.D | AC45937-001( | Aqueous | 07/27/09 16:54 | 1 | | 118 | 121 | 98 | 104 | | |
| 6M44008.D | MBS12890 | Aqueous | 07/27/09 19:00 | 1 | | 118 | 121 | 105 | 103 | | |
| 6M44094.D | MBS12905 | Aqueous | 07/29/09 09:52 | 1 | | 120 | 109 | 101 | 104 | | |
| 6M44125.D | MBS12911 | Aqueous | 07/29/09 18:12 | 1 | | 108 | 116 | 98 | 93 | | |
| 6M44187.D | MBS12922 | Aqueous | 07/30/09 14:45 | 1 | | 107 | 104 | 103 | 95 | | |
| 6M44198.D | MBS12927 | Aqueous | 07/30/09 17:40 | 1 | | 105 | 108 | 102 | 98 | | |
| 6M44250.D | MBS12933 | Aqueous | 07/31/09 10:27 | 1 | | 97 | 96 | 102 | 100 | | |
| 6M44276.D | MBS12936 | Aqueous | 07/31/09 17:23 | 1 | | 104 | 102 | 100 | 90 | | |
| 6M44286.D | MBS12937 | Aqueous | 07/31/09 20:01 | 1 | | 98 | 97 | 105 | 94 | | |

**Flags:** SD=Surrogate diluted out

*=Surrogate out

**Method:** 8260

### Aqueous Limits

| Compound | Spike Amt | Limits |
|---|---|---|
| S1=Dibromofluoromethane | 30 | 74-137 |
| S2=1,2-Dichloroethane-d4 | 30 | 78-128 |
| S3=Toluene-d8 | 30 | 74-114 |
| S4=Bromofluorobenzene | 30 | 83-115 |

# Form3

MBS Data

**Method:** 8260

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Data File:==>** | | | | | 6M44008.D | | | 6M44094.D | | | 6M44125.D | | | 6M44198.D | | | 6M44250.D | | |
| **Data/Batch/Sample ID:==>** | | | | | MBS12890-Aq | | | MBS12905-Aq | | | MBS12911-Aq | | | MBS12927-Aq | | | MBS12933-Aq | | |
| **Date/Time:==>** | | | | | 07/27/09 19:00 | | | 07/29/09 09:52 | | | 07/29/09 18:12 | | | 07/30/09 17:40 | | | 07/31/09 10:27 | | |
| Compound | Limit(s) Soil | Aq | Col | Mr | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec |
| 1,1-Dichloroethane | | 44-134 | 1 | 0 | 19.22 | 20 | 96 | 18.7 | 20 | 94 | 17.82 | 20 | 89 | 24.03 | 20 | 120 | 18 | 20 | 90 |
| 1,1-Dichloroethene | | 21-133 | 1 | 0 | 17.47 | 20 | 87 | 17.48 | 20 | 87 | 17.07 | 20 | 85 | 24.48 | 20 | 122 | 18.26 | 20 | 91 |
| 1,2-Dichlorobenzen | | 50-126 | 1 | 0 | 16.81 | 20 | 84 | 14.57 | 20 | 73 | 14.95 | 20 | 75 | 22.05 | 20 | 110 | 18.2 | 20 | 91 |
| 1,2-Dichloroethane | | 43-144 | 1 | 0 | 17.76 | 20 | 89 | 15.34 | 20 | 77 | 16.42 | 20 | 82 | 25.92 | 20 | 130 | 18.53 | 20 | 93 |
| 1,4-Dichlorobenzen | | 45-128 | 1 | 0 | 14.75 | 20 | 74 | 13.73 | 20 | 69 | 13.26 | 20 | 66 | 19.49 | 20 | 97 | 16.27 | 20 | 81 |
| 2-Butanone | | 25-157 | 1 | 0 | 13.93 | 20 | 70 | 13.96 | 20 | 70 | 14.65 | 20 | 73 | 23.8 | 20 | 119 | 16.93 | 20 | 85 |
| Benzene | | 49-135 | 1 | 0 | 15.49 | 20 | 77 | 12.72 | 20 | 64 | 14.57 | 20 | 73 | 25.58 | 20 | 128 | 20.15 | 20 | 101 |
| Carbon Tetrachlorid | | 42-146 | 1 | 0 | 18.16 | 20 | 91 | 16.87 | 20 | 84 | 14.17 | 20 | 71 | 26.99 | 20 | 135 | 20.15 | 20 | 101 |
| Chlorobenzene | | 51-129 | 1 | 0 | 17.33 | 20 | 87 | 15.21 | 20 | 76 | 16.1 | 20 | 81 | 21.71 | 20 | 109 | 17.39 | 20 | 87 |
| Chloroform | | 40-148 | 1 | 0 | 20.61 | 20 | 103 | 18.9 | 20 | 94 | 18.15 | 20 | 91 | 23.53 | 20 | 118 | 17.32 | 20 | 87 |
| n-Propylbenzene | | 45-135 | 1 | 0 | 14.77 | 20 | 74 | 12.68 | 20 | 63 | 13.71 | 20 | 69 | 20.88 | 20 | 104 | 18.59 | 20 | 93 |
| sec-Butylbenzene | | 43-123 | 1 | 0 | 13.81 | 20 | 69 | 12.73 | 20 | 64 | 13.82 | 20 | 69 | 19.88 | 20 | 99 | 17.32 | 20 | 87 |
| Tetrachloroethene | | 42-138 | 1 | 0 | 21.02 | 20 | 105 | 19.86 | 20 | 99 | 17.5 | 20 | 88 | 25.38 | 20 | 127 | 19.21 | 20 | 96 |
| Toluene | | 53-129 | 1 | 0 | 18 | 20 | 90 | 15.53 | 20 | 78 | 16.57 | 20 | 83 | 24.11 | 20 | 121 | 19.69 | 20 | 98 |
| Trichloroethene | | 46-127 | 1 | 0 | 19.76 | 20 | 99 | 17.47 | 20 | 87 | 17.32 | 20 | 87 | 23.61 | 20 | 118 | 18.47 | 20 | 92 |
| Vinyl Chloride | | 21-137 | 1 | 0 | 12.43 | 20 | 62 | 16.48 | 20 | 82 | 16.38 | 20 | 82 | 19.29 | 20 | 96 | 14.68 | 20 | 73 |

***Flags/Notes:*** **** - Values outside of limits for this column/run***

# Form3

MBS Data

**Method:** 8260

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Data File:==>** | | | | | 6M44276.D | | | 6M44286.D | | | | | | | | | | |
| **Data/Batch/Sample ID:==>** | | | | | MBS12936-Aq | | | MBS12937-Aq | | | | | | | | | | |
| **Date/Time:==>** | | | | | 07/31/09 17:23 | | | 07/31/09 20:01 | | | | | | | | | | |
| Compound | Limit(s) Soil | Aq | Col | Mr | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec |
| 1,1-Dichloroethane | | 44-134 | 1 | 0 | 18.23 | 20 | 91 | 19.66 | 20 | 98 | | | | | | | | | |
| 1,1-Dichloroethene | | 21-133 | 1 | 0 | 18.32 | 20 | 92 | 20.05 | 20 | 100 | | | | | | | | | |
| 1,2-Dichlorobenzen | | 50-126 | 1 | 0 | 14.73 | 20 | 74 | 18.82 | 20 | 94 | | | | | | | | | |
| 1,2-Dichloroethane | | 43-144 | 1 | 0 | 19.52 | 20 | 98 | 21.58 | 20 | 108 | | | | | | | | | |
| 1,4-Dichlorobenzen | | 45-128 | 1 | 0 | 13.89 | 20 | 69 | 16.63 | 20 | 83 | | | | | | | | | |
| 2-Butanone | | 25-157 | 1 | 0 | 12.93 | 20 | 65 | 17.6 | 20 | 88 | | | | | | | | | |
| Benzene | | 49-135 | 1 | 0 | 18.81 | 20 | 94 | 21.63 | 20 | 108 | | | | | | | | | |
| Carbon Tetrachlorid | | 42-146 | 1 | 0 | 20.84 | 20 | 104 | 20.72 | 20 | 104 | | | | | | | | | |
| Chlorobenzene | | 51-129 | 1 | 0 | 17.59 | 20 | 88 | 19.09 | 20 | 95 | | | | | | | | | |
| Chloroform | | 40-148 | 1 | 0 | 18.92 | 20 | 95 | 20.02 | 20 | 100 | | | | | | | | | |
| n-Propylbenzene | | 45-135 | 1 | 0 | 13.79 | 20 | 69 | 19.69 | 20 | 98 | | | | | | | | | |
| sec-Butylbenzene | | 43-123 | 1 | 0 | 12.56 | 20 | 63 | 18.4 | 20 | 92 | | | | | | | | | |
| Tetrachloroethene | | 42-138 | 1 | 0 | 20.1 | 20 | 100 | 20.08 | 20 | 100 | | | | | | | | | |
| Toluene | | 53-129 | 1 | 0 | 19.57 | 20 | 98 | 22.3 | 20 | 112 | | | | | | | | | |
| Trichloroethene | | 46-127 | 1 | 0 | 19.38 | 20 | 97 | 18.39 | 20 | 92 | | | | | | | | | |
| Vinyl Chloride | | 21-137 | 1 | 0 | 14.31 | 20 | 72 | 14.71 | 20 | 74 | | | | | | | | | |

***Flags/Notes:*** **** - Values outside of limits for this column/run***

# FORM 3

Spike Recovery

Batch Number: MBS12886
Mbs Name: MBS12886
Ns Name: AC45937-001(T)
Ms Name: AC45937-001(T:M
Msd Name: AC45937-001(T:M

Mbs File: 6M43978.D
Non Spk'd File: 6M43994.D
Spike File: 6M43999.D
Spike Dup File: 6M44000.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/27/09 11:01
Non Spk'd Date: 07/27/09 15:14
Spike Date : 07/27/09 16:39
Spike Dup Date: 07/27/09 16:54

| Compound | C# | Co | Mr | Conc Exp | Lo Llm | Hi Lim | Rpd Llm | Mbs Conc | Sample Conc | Spike Conc | Spike Dup Conc | Mbs Rec | MS Rec | Msd Rec | Rpd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 6 | 1 | 0 | 20 | 21 | 137 | 30 | 12.83 | 0.00 | 13.48 | 13.46 | 64 | 67 | 67 | 0.15 |
| 1,1-Dichloroethene | 19 | 1 | 0 | 20 | 21 | 133 | 34 | 15.63 | 0.00 | 17.08 | 17.39 | 78 | 85 | 87 | 1.8 |
| 1,1-Dichloroethane | 22 | 1 | 0 | 20 | 44 | 134 | 30 | 19.18 | 0.00 | 20.32 | 19.71 | 96 | 102 | 99 | 3 |
| Chloroform | 29 | 1 | 0 | 20 | 40 | 148 | 37 | 18.43 | 0.00 | 20.48 | 21.22 | 92 | 102 | 106 | 3.5 |
| 1,2-Dichloroethane | 33 | 1 | 0 | 20 | 43 | 144 | 34 | 16.11 | 0.00 | 18.80 | 18.36 | 81 | 94 | 92 | 2.4 |
| 2-Butanone | 34 | 1 | 0 | 20 | 25 | 157 | 47 | 12.50 | 0.00 | 15.25 | 16.17 | 62 | 76 | 81 | 5.9 |
| Carbon Tetrachloride | 36 | 1 | 0 | 20 | 42 | 146 | 32 | 15.52 | 0.00 | 17.95 | 17.86 | 78 | 90 | 89 | 0.5 |
| Trichloroethene | 42 | 1 | 0 | 20 | 46 | 127 | 30 | 18.04 | 0.00 | 19.15 | 19.96 | 90 | 96 | 100 | 4.1 |
| Benzene | 43 | 1 | 0 | 20 | 49 | 135 | 29 | 15.45 | 0.00 | 15.52 | 15.67 | 77 | 78 | 78 | 0.96 |
| Tetrachloroethene | 55 | 1 | 0 | 20 | 42 | 138 | 27 | 20.75 | 0.00 | 23.30 | 21.27 | 104 | 116 | 106 | 9.1 |
| Toluene | 57 | 1 | 0 | 20 | 53 | 129 | 33 | 18.36 | 0.00 | 18.89 | 18.30 | 92 | 94 | 91 | 3.2 |
| Chlorobenzene | 59 | 1 | 0 | 20 | 51 | 129 | 30 | 18.32 | 0.00 | 18.93 | 18.10 | 92 | 95 | 91 | 4.5 |
| 1,4-Dichlorobenzene | 70 | 1 | 0 | 20 | 45 | 128 | 30 | 14.30 | 0.00 | 14.86 | 16.11 | 72 | 74 | 81 | 8.1 |
| 1,2-Dichlorobenzene | 71 | 1 | 0 | 20 | 50 | 126 | 34 | 15.77 | 0.00 | 15.95 | 17.31 | 79 | 80 | 87 | 8.2 |
| n-Propylbenzene | 78 | 1 | 0 | 20 | 45 | 135 | 32 | 15.08 | 0.00 | 14.97 | 15.64 | 75 | 75 | 78 | 4.4 |
| sec-Butylbenzene | 83 | 1 | 0 | 20 | 43 | 123 | 33 | 14.78 | 0.00 | 14.30 | 14.72 | 74 | 72 | 74 | 2.9 |

**Note:**

**Rp = Failed Rpd Criteria** **Mo = Failed Recovery Criteria**

**^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

# FORM 3

Spike Recovery

Batch Number: MBS12922
Mbs Name: MBS12922
Ns Name: AC45984-006
Ms Name: AC45984-007(MS:
Msd Name: AC45984-008(MSD

Mbs File: 6M44187.D
Non Spk'd File: 6M44190.D
Spike File: 6M44188.D
Spike Dup File: 6M44189.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/30/09 14:45
Non Spk'd Date: 07/30/09 15:33
Spike Date : 07/30/09 15:02
Spike Dup Date: 07/30/09 15:17

| Compound | C# | Co | Mr | Conc Exp | Lo Llm | Hi Lim | Rpd Llm | Mbs Conc | Sample Conc | Spike Conc | Spike Dup Conc | Mbs Rec | MS Rec | Msd Rec | Rpd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 6 | 1 | 0 | 20 | 21 | 137 | 30 | 14.01 | 0.00 | 15.94 | 14.55 | 70 | 80 | 73 | 9.1 |
| 1,1-Dichloroethene | 19 | 1 | 0 | 20 | 21 | 133 | 34 | 18.68 | 0.00 | 20.71 | 19.49 | 93 | 104 | 97 | 6.1 |
| 1,1-Dichloroethane | 22 | 1 | 0 | 20 | 44 | 134 | 30 | 21.32 | 0.00 | 22.07 | 20.82 | 107 | 110 | 104 | 5.8 |
| Chloroform | 29 | 1 | 0 | 20 | 40 | 148 | 37 | 20.35 | 0.00 | 21.25 | 20.31 | 102 | 106 | 102 | 4.5 |
| 1,2-Dichloroethane | 33 | 1 | 0 | 20 | 43 | 144 | 34 | 25.02 | 0.00 | 21.42 | 21.52 | 125 | 107 | 108 | 0.47 |
| 2-Butanone | 34 | 1 | 0 | 20 | 25 | 157 | 47 | 19.21 | 0.00 | 14.59 | 18.16 | 96 | 73 | 91 | 22 |
| Carbon Tetrachloride | 36 | 1 | 0 | 20 | 42 | 146 | 32 | 20.40 | 0.00 | 24.62 | 21.40 | 102 | 123 | 107 | 14 |
| Trichloroethene | 42 | 1 | 0 | 20 | 46 | 127 | 30 | 19.71 | 0.00 | 21.87 | 20.04 | 99 | 109 | 100 | 8.7 |
| Benzene | 43 | 1 | 0 | 20 | 49 | 135 | 29 | 21.75 | 0.00 | 22.36 | 20.45 | 109 | 112 | 102 | 8.9 |
| Tetrachloroethene | 55 | 1 | 0 | 20 | 42 | 138 | 27 | 17.93 | 2.01 | 26.79 | 25.42 | 90 | 124 | 117 | 5.2 |
| Toluene | 57 | 1 | 0 | 20 | 53 | 129 | 33 | 20.53 | 0.00 | 22.45 | 22.18 | 103 | 112 | 111 | 1.2 |
| Chlorobenzene | 59 | 1 | 0 | 20 | 51 | 129 | 30 | 18.64 | 0.00 | 20.53 | 19.15 | 93 | 103 | 96 | 7 |
| 1,4-Dichlorobenzene | 70 | 1 | 0 | 20 | 45 | 128 | 30 | 15.03 | 0.00 | 17.27 | 16.35 | 75 | 86 | 82 | 5.5 |
| 1,2-Dichlorobenzene | 71 | 1 | 0 | 20 | 50 | 126 | 34 | 16.40 | 0.00 | 18.55 | 17.31 | 82 | 93 | 87 | 6.9 |
| n-Propylbenzene | 78 | 1 | 0 | 20 | 45 | 135 | 32 | 15.08 | 0.00 | 18.03 | 17.83 | 75 | 90 | 89 | 1.1 |
| sec-Butylbenzene | 83 | 1 | 0 | 20 | 43 | 123 | 33 | 13.43 | 0.00 | 17.08 | 15.01 | 67 | 85 | 75 | 13 |

**Note:**

**Rp = Failed Rpd Criteria** **Mo = Failed Recovery Criteria**

**^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

# FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M43972.D
Matrix: Aqueous

Blank Analysis Date: 07/27/09 09:21
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

| Sample Number | Data File | Analysis Date |
|---|---|---|
| AC45937-001(T:M | 6M44000.D | 07/27/09 16:54 |
| AC45937-001(T:M | 6M43999.D | 07/27/09 16:39 |
| AC45937-001(T) | 6M43994.D | 07/27/09 15:14 |
| MBS12886 | 6M43978.D | 07/27/09 11:01 |
| MBS12890 | 6M44008.D | 07/27/09 19:00 |

# FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M44092.D
Matrix: Aqueous

Blank Analysis Date: 07/29/09 09:17
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

| Sample Number | Data File | Analysis Date |
|---|---|---|
| AC45984-013 | 6M44101.D | 07/29/09 11:43 |
| AC45984-016 | 6M44102.D | 07/29/09 11:58 |
| MBS12911 | 6M44125.D | 07/29/09 18:12 |
| MBS12905 | 6M44094.D | 07/29/09 09:52 |

# FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M44186.D
Matrix: Aqueous

Blank Analysis Date: 07/30/09 14:29
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

| Sample Number | Data File | Analysis Date |
|---|---|---|
| AC45984-001 | 6M44191.D | 07/30/09 15:49 |
| AC45984-006 | 6M44190.D | 07/30/09 15:33 |
| AC45984-007(MS: | 6M44188.D | 07/30/09 15:02 |
| AC45984-008(MSD | 6M44189.D | 07/30/09 15:17 |
| MBS12927 | 6M44198.D | 07/30/09 17:40 |
| MBS12922 | 6M44187.D | 07/30/09 14:45 |

# FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M44249.D
Matrix: Aqueous

Blank Analysis Date: 07/31/09 10:06
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

| Sample Number | Data File | Analysis Date |
|---|---|---|
| AC45984-002 | 6M44253.D | 07/31/09 11:15 |
| AC45984-003 | 6M44258.D | 07/31/09 12:34 |
| AC45984-004 | 6M44259.D | 07/31/09 12:50 |
| AC45984-005 | 6M44275.D | 07/31/09 17:04 |
| AC45984-009 | 6M44261.D | 07/31/09 13:21 |
| AC45984-010 | 6M44262.D | 07/31/09 13:37 |
| AC45984-011 | 6M44263.D | 07/31/09 13:53 |
| AC45984-012 | 6M44264.D | 07/31/09 14:09 |
| AC45984-014 | 6M44265.D | 07/31/09 14:25 |
| AC45984-015 | 6M44266.D | 07/31/09 14:41 |
| AC45984-017 | 6M44267.D | 07/31/09 14:57 |
| AC45984-018 | 6M44268.D | 07/31/09 15:12 |
| AC45984-019 | 6M44269.D | 07/31/09 15:28 |
| AC45984-020 | 6M44270.D | 07/31/09 15:44 |
| AC45984-021 | 6M44271.D | 07/31/09 16:00 |
| AC45984-022 | 6M44272.D | 07/31/09 16:16 |
| AC45984-023 | 6M44273.D | 07/31/09 16:31 |
| AC45984-024 | 6M44277.D | 07/31/09 17:39 |
| AC45984-025 | 6M44278.D | 07/31/09 17:55 |
| AC45984-026 | 6M44279.D | 07/31/09 18:10 |
| AC45984-027 | 6M44280.D | 07/31/09 18:26 |
| MBS12933 | 6M44250.D | 07/31/09 10:27 |
| MBS12936 | 6M44276.D | 07/31/09 17:23 |
| MBS12937 | 6M44286.D | 07/31/09 20:01 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43654.D
**Instrument:** GCMS 6 **Analysis Date:** 07/20/09 08:41
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.179 to 4.258 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.6 | 3217 | PASS |
| 75 | 95 | 30 | 60 | 45.7 | 8344 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 18240 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1088 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 90.2 | 16459 | PASS |
| 175 | 174 | 5 | 9 | 5.6 | 919 | PASS |
| 176 | 174 | 95 | 101 | 99.5 | 16381 | PASS |
| 177 | 176 | 5 | 9 | 5.6 | 919 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M43655.D | PREPBLK | 07/20/09 08:59 |
| 6M43656.D | CAL @ 1 PPB | 07/20/09 09:15 |
| 6M43657.D | CAL @ 0.5 PPB | 07/20/09 09:31 |
| 6M43658.D | CAL @ 5 PPB | 07/20/09 09:47 |
| 6M43659.D | CAL @ 500 PPB | 07/20/09 10:03 |
| 6M43660.D | CAL @ 250 PPB | 07/20/09 10:19 |
| 6M43661.D | CAL @ 100 PPB | 07/20/09 10:35 |
| 6M43662.D | CAL @ 50 PPB | 07/20/09 10:51 |
| 6M43663.D | CAL @ 20 PPB | 07/20/09 11:06 |
| 6M43664.D | CAL @ 10 PPB | 07/20/09 11:22 |
| 6M43665.D | BLK | 07/20/09 11:38 |
| 6M43666.D | ICV | 07/20/09 11:54 |
| 6M43667.D | ICV | 07/20/09 12:10 |
| 6M43668.D | BLK | 07/20/09 12:27 |
| 6M43669.D | DAILY BLANK | 07/20/09 12:42 |
| 6M43670.D | DAILY BLANK | 07/20/09 12:58 |
| 6M43671.D | MBS12817 | 07/20/09 13:14 |
| 6M43672.D | MBS12818 | 07/20/09 13:30 |
| 6M43673.D | AC45849-006 | 07/20/09 13:46 |
| 6M43674.D | AC45833-021 | 07/20/09 14:02 |
| 6M43675.D | AC45833-020 | 07/20/09 14:18 |
| 6M43676.D | AC45833-022 | 07/20/09 14:34 |
| 6M43677.D | AC45833-019 | 07/20/09 14:50 |
| 6M43678.D | AC45833-018 | 07/20/09 15:05 |
| 6M43679.D | AC45833-017 | 07/20/09 15:21 |
| 6M43680.D | AC45833-016 | 07/20/09 15:37 |
| 6M43681.D | AC45833-015 | 07/20/09 15:53 |
| 6M43682.D | AC45833-014 | 07/20/09 16:09 |
| 6M43683.D | AC45833-013 | 07/20/09 16:25 |
| 6M43684.D | AC45840-011 | 07/20/09 16:41 |
| 6M43685.D | AC45849-005 | 07/20/09 16:57 |
| 6M43686.D | AC45849-001 | 07/20/09 17:12 |
| 6M43687.D | AC45849-002 | 07/20/09 17:28 |
| 6M43688.D | AC45840-010 | 07/20/09 17:44 |
| 6M43689.D | AC45839-001 | 07/20/09 18:00 |
| 6M43690.D | AC45849-003(100 | 07/20/09 18:19 |
| 6M43691.D | AC45849-004(100 | 07/20/09 18:39 |
| 6M43692.D | AC45840-002(100 | 07/20/09 19:00 |
| 6M43693.D | MBS12820 | 07/20/09 19:17 |
| 6M43694.D | AC45840-010(MS) | 07/20/09 19:33 |
| 6M43695.D | AC45840-010(MSD | 07/20/09 19:48 |
| 6M43696.D | BLK | 07/20/09 20:04 |
| 6M43697.D | BLK | 07/20/09 20:20 |
| 6M43698.D | BLK | 07/20/09 20:36 |
| 6M43699.D | MBS12821 | 07/20/09 20:51 |
| 6M43700.D | BLK | 07/20/09 21:07 |
| 6M43701.D | AC45811-014 | 07/20/09 21:23 |
| 6M43702.D | AC45816-003 | 07/20/09 21:39 |
| 6M43703.D | AC45816-004 | 07/20/09 21:55 |
| 6M43704.D | AC45811-001 | 07/20/09 22:11 |
| 6M43705.D | AC45811-002 | 07/20/09 22:26 |
| 6M43706.D | AC45811-003 | 07/20/09 22:42 |
| 6M43707.D | AC45811-004 | 07/20/09 22:58 |
| 6M43708.D | AC45811-006 | 07/20/09 23:14 |
| 6M43709.D | AC45811-007 | 07/20/09 23:30 |
| 6M43710.D | AC45811-008 | 07/20/09 23:45 |
| 6M43711.D | AC45811-009 | 07/21/09 00:01 |
| 6M43712.D | AC45811-011 | 07/21/09 00:17 |
| 6M43713.D | AC45811-012 | 07/21/09 00:33 |
| 6M43714.D | AC45811-010 | 07/21/09 00:49 |
| 6M43715.D | BLK | 07/21/09 01:04 |
| 6M43716.D | AC45816-001 | 07/21/09 01:20 |
| 6M43717.D | AC45827-001 | 07/21/09 01:36 |
| 6M43718.D | AC45827-002 | 07/21/09 01:52 |
| 6M43719.D | AC45827-003 | 07/21/09 02:08 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43654.D
**Instrument:** GCMS 6 **Analysis Date:** 07/20/09 08:41
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.179 to 4.258 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.6 | 3217 | PASS |
| 75 | 95 | 30 | 60 | 45.7 | 8344 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 18240 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1088 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 90.2 | 16459 | PASS |
| 175 | 174 | 5 | 9 | 5.6 | 919 | PASS |
| 176 | 174 | 95 | 101 | 99.5 | 16381 | PASS |
| 177 | 176 | 5 | 9 | 5.6 | 919 | PASS |

| | | |
|---|---|---|
| 6M43720.D | AC45827-004 | 07/21/09 02:23 |
| 6M43721.D | AC45827-005 | 07/21/09 02:39 |
| 6M43722.D | MBS12822 | 07/21/09 02:55 |
| 6M43723.D | MBS12823 | 07/21/09 03:11 |
| 6M43724.D | BLK | 07/21/09 03:27 |
| 6M43725.D | BLK | 07/21/09 03:43 |
| 6M43726.D | BLK | 07/21/09 03:59 |
| 6M43727.D | BLK | 07/21/09 04:14 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43967.D
**Instrument:** GCMS 6 **Analysis Date:** 07/27/09 07:57
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.210 to 4.229 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.7 | 4480 | PASS |
| 75 | 95 | 30 | 60 | 43.7 | 10486 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 23979 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 1536 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 97.2 | 23301 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 1759 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 23333 | PASS |
| 177 | 176 | 5 | 9 | 7.2 | 1688 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M43968.D | 20 PPB | 07/27/09 08:07 |
| 6M43969.D | CAL @ 20 PPB | 07/27/09 08:28 |
| 6M43970.D | BLK | 07/27/09 08:49 |
| 6M43971.D | DAILY BLANK | 07/27/09 09:05 |
| 6M43972.D | DAILY BLANK | 07/27/09 09:21 |
| 6M43973.D | AC46012-008 | 07/27/09 09:37 |
| 6M43974.D | AC46012-009 | 07/27/09 09:53 |
| 6M43975.D | AC45960-017 | 07/27/09 10:09 |
| 6M43976.D | AC45960-005(20X) | 07/27/09 10:27 |
| 6M43977.D | AC45978-001 | 07/27/09 10:45 |
| 6M43978.D | MBS12886 | 07/27/09 11:01 |
| 6M43979.D | BLK | 07/27/09 11:16 |
| 6M43980.D | AC45754-002 | 07/27/09 11:32 |
| 6M43981.D | MBS12887 | 07/27/09 11:48 |
| 6M43982.D | AC45954-007 | 07/27/09 12:04 |
| 6M43983.D | AC45954-008 | 07/27/09 12:20 |
| 6M43984.D | AC45954-010 | 07/27/09 12:36 |
| 6M43985.D | AC45971-002 | 07/27/09 12:51 |
| 6M43986.D | AC45971-001(5X) | 07/27/09 13:08 |
| 6M43987.D | AC45997-002 | 07/27/09 13:23 |
| 6M43988.D | AC45997-003 | 07/27/09 13:39 |
| 6M43989.D | AC45997-004 | 07/27/09 13:55 |
| 6M43990.D | AC45997-005 | 07/27/09 14:11 |
| 6M43991.D | AC45997-006 | 07/27/09 14:27 |
| 6M43992.D | AC45997-007 | 07/27/09 14:43 |
| 6M43993.D | AC45997-008 | 07/27/09 14:58 |
| 6M43994.D | AC45937-001(T) | 07/27/09 15:14 |
| 6M43995.D | AC45937-002(T) | 07/27/09 15:30 |
| 6M43996.D | AC45937-003(T) | 07/27/09 15:46 |
| 6M43997.D | AC45937-004(T) | 07/27/09 16:01 |
| 6M43998.D | EF-1-V-69665(072 | 07/27/09 16:23 |
| 6M43999.D | AC45937-001(T:M | 07/27/09 16:39 |
| 6M44000.D | AC45937-001(T:M | 07/27/09 16:54 |
| 6M44001.D | BLK | 07/27/09 17:10 |
| 6M44002.D | AC45988-005 | 07/27/09 17:26 |
| 6M44003.D | AC45998-004 | 07/27/09 17:41 |
| 6M44004.D | AC45998-005 | 07/27/09 17:57 |
| 6M44005.D | AC45998-002 | 07/27/09 18:13 |
| 6M44006.D | AC45998-001 | 07/27/09 18:29 |
| 6M44007.D | AC45998-003(20X) | 07/27/09 18:45 |
| 6M44008.D | MBS12890 | 07/27/09 19:00 |
| 6M44009.D | AC45811-006(MS) | 07/27/09 19:16 |
| 6M44010.D | BLK | 07/27/09 19:32 |
| 6M44011.D | BLK | 07/27/09 19:47 |
| 6M44012.D | BLK | 07/27/09 20:03 |
| 6M44013.D | MBS12891 | 07/27/09 20:19 |
| 6M44014.D | AC46011-006 | 07/27/09 20:35 |
| 6M44015.D | AC46011-007 | 07/27/09 20:50 |
| 6M44016.D | BLK | 07/27/09 21:06 |
| 6M44017.D | MBS12892 | 07/27/09 21:22 |
| 6M44018.D | BLK | 07/27/09 21:37 |
| 6M44019.D | AC46004-005 | 07/27/09 21:53 |
| 6M44020.D | AC46004-004 | 07/27/09 22:09 |
| 6M44021.D | AC46005-003 | 07/27/09 22:25 |
| 6M44022.D | AC46005-002 | 07/27/09 22:41 |
| 6M44023.D | AC46004-001 | 07/27/09 22:56 |
| 6M44024.D | AC46004-002 | 07/27/09 23:12 |
| 6M44025.D | AC46004-003 | 07/27/09 23:28 |
| 6M44026.D | AC46005-001 | 07/27/09 23:44 |
| 6M44027.D | AC46011-001 | 07/27/09 23:59 |
| 6M44028.D | AC46011-002 | 07/28/09 00:15 |
| 6M44029.D | AC46011-003 | 07/28/09 00:31 |
| 6M44030.D | AC46011-004 | 07/28/09 00:47 |
| 6M44031.D | AC46011-005 | 07/28/09 01:03 |
| 6M44032.D | BLK | 07/28/09 01:18 |

# Form 5

**Tune Name:** BFB TUNE
**Instrument:** GCMS 6
**Data File:** 6M43967.D
**Analysis Date:** 07/27/09 07:57
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.210 to 4.229 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.7 | 4480 | PASS |
| 75 | 95 | 30 | 60 | 43.7 | 10486 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 23979 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 1536 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 97.2 | 23301 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 1759 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 23333 | PASS |
| 177 | 176 | 5 | 9 | 7.2 | 1688 | PASS |

| | | |
|---|---|---|
| 6M44033.D | MBS12893 | 07/28/09 01:34 |
| 6M44034.D | AC45984-021 | 07/28/09 01:50 |
| 6M44035.D | AC45984-022 | 07/28/09 02:06 |
| 6M44036.D | AC45984-023 | 07/28/09 02:21 |
| 6M44037.D | AC45984-024 | 07/28/09 02:37 |
| 6M44038.D | AC45984-025 | 07/28/09 02:53 |
| 6M44039.D | AC45984-026 | 07/28/09 03:09 |
| 6M44040.D | AC45984-027 | 07/28/09 03:25 |
| 6M44041.D | BLK | 07/28/09 03:40 |
| 6M44042.D | BLK | 07/28/09 03:56 |
| 6M44043.D | BLK | 07/28/09 04:12 |
| 6M44044.D | BLK | 07/28/09 04:28 |
| 6M44045.D | BLK | 07/28/09 04:44 |
| 6M44046.D | BLK | 07/28/09 06:22 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44087.D
**Instrument:** GCMS 6 **Analysis Date:** 07/29/09 07:44
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.200 to 4.219 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.8 | 3963 | PASS |
| 75 | 95 | 30 | 60 | 49.3 | 10949 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22207 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1315 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 93.7 | 20817 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 1573 | PASS |
| 176 | 174 | 95 | 101 | 99.9 | 20794 | PASS |
| 177 | 176 | 5 | 9 | 6.9 | 1437 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44088.D | 20 PPB | 07/29/09 07:54 |
| 6M44089.D | CAL @ 20 PPB | 07/29/09 08:16 |
| 6M44090.D | BLK | 07/29/09 08:45 |
| 6M44091.D | DAILY BLANK | 07/29/09 09:01 |
| 6M44092.D | DAILY BLANK | 07/29/09 09:17 |
| 6M44093.D | AC45975-010 | 07/29/09 09:36 |
| 6M44094.D | MBS12905 | 07/29/09 09:52 |
| 6M44095.D | MBS12906 | 07/29/09 10:07 |
| 6M44096.D | AC45975-011(MS: | 07/29/09 10:23 |
| 6M44097.D | AC45975-012(MSD | 07/29/09 10:39 |
| 6M44098.D | AC45951-003(T) | 07/29/09 10:55 |
| 6M44099.D | BLK | 07/29/09 11:11 |
| 6M44100.D | AC45975-010 | 07/29/09 11:27 |
| 6M44101.D | AC45984-013 | 07/29/09 11:43 |
| 6M44102.D | AC45984-016 | 07/29/09 11:58 |
| 6M44103.D | AC45975-020 | 07/29/09 12:14 |
| 6M44104.D | AC45975-021 | 07/29/09 12:30 |
| 6M44105.D | AC45975-022 | 07/29/09 12:46 |
| 6M44106.D | AC45975-023 | 07/29/09 13:02 |
| 6M44107.D | AC45975-024 | 07/29/09 13:18 |
| 6M44108.D | AC45975-025 | 07/29/09 13:33 |
| 6M44109.D | AC45975-033 | 07/29/09 13:49 |
| 6M44110.D | AC45975-035 | 07/29/09 14:05 |
| 6M44111.D | AC45975-036 | 07/29/09 14:21 |
| 6M44112.D | AC45975-037 | 07/29/09 14:37 |
| 6M44113.D | AC45975-040 | 07/29/09 14:54 |
| 6M44114.D | BLK | 07/29/09 15:09 |
| 6M44115.D | BLK | 07/29/09 15:25 |
| 6M44116.D | AC46027-012 | 07/29/09 15:41 |
| 6M44117.D | AC46015-005 | 07/29/09 15:57 |
| 6M44118.D | AC46027-009 | 07/29/09 16:13 |
| 6M44119.D | AC46015-004(10X) | 07/29/09 16:32 |
| 6M44120.D | AC46015-003(10X) | 07/29/09 16:52 |
| 6M44121.D | AC46017-002(400u | 07/29/09 17:09 |
| 6M44122.D | AC46014-005 | 07/29/09 17:25 |
| 6M44123.D | AC46017-003 | 07/29/09 17:41 |
| 6M44124.D | AC46042-001 | 07/29/09 17:57 |
| 6M44125.D | MBS12911 | 07/29/09 18:12 |
| 6M44126.D | AC46014-005(MS) | 07/29/09 18:28 |
| 6M44127.D | AC46014-005(MSD | 07/29/09 18:44 |
| 6M44128.D | BLKJUG#2 | 07/29/09 18:59 |
| 6M44129.D | BLK | 07/29/09 19:15 |
| 6M44130.D | BLK | 07/29/09 19:31 |
| 6M44131.D | MBS12912 | 07/29/09 19:47 |
| 6M44132.D | AC45960-020(MS) | 07/29/09 20:02 |
| 6M44133.D | AC45960-020(MSD | 07/29/09 20:18 |
| 6M44134.D | MBS12913 | 07/29/09 20:34 |
| 6M44135.D | BLK | 07/29/09 20:49 |
| 6M44136.D | AC46055-001 | 07/29/09 21:05 |
| 6M44137.D | AC46055-002 | 07/29/09 21:21 |
| 6M44138.D | AC46055-003 | 07/29/09 21:37 |
| 6M44139.D | AC46056-001 | 07/29/09 21:53 |
| 6M44140.D | AC46056-002 | 07/29/09 22:08 |
| 6M44141.D | AC46056-003 | 07/29/09 22:24 |
| 6M44142.D | BLK | 07/29/09 22:40 |
| 6M44143.D | AC45991-001(20X) | 07/29/09 22:56 |
| 6M44144.D | AC45991-002(20X) | 07/29/09 23:12 |
| 6M44145.D | AC46053-001(500 | 07/29/09 23:28 |
| 6M44146.D | AC46053-002(500 | 07/29/09 23:43 |
| 6M44147.D | BLK | 07/29/09 23:59 |
| 6M44148.D | BLK | 07/30/09 00:15 |
| 6M44149.D | BLK | 07/30/09 00:31 |
| 6M44150.D | BLK | 07/30/09 00:47 |
| 6M44151.D | BLK | 07/30/09 01:02 |
| 6M44152.D | BLK | 07/30/09 01:18 |

# Form 5

**Tune Name:** BFB TUNE
**Instrument:** GCMS 6
**Data File:** 6M44087.D
**Analysis Date:** 07/29/09 07:44
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.200 to 4.219 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.8 | 3963 | PASS |
| 75 | 95 | 30 | 60 | 49.3 | 10949 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22207 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1315 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 93.7 | 20817 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 1573 | PASS |
| 176 | 174 | 95 | 101 | 99.9 | 20794 | PASS |
| 177 | 176 | 5 | 9 | 6.9 | 1437 | PASS |

6M44153.D BLK 07/30/09 01:34

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44158.D
**Instrument:** GCMS 6 **Analysis Date:** 07/30/09 06:47
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.210 to 4.230 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.9 | 4095 | PASS |
| 75 | 95 | 30 | 60 | 45.3 | 9829 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21699 | PASS |
| 96 | 95 | 5 | 9 | 6.3 | 1361 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 99.4 | 21572 | PASS |
| 175 | 174 | 5 | 9 | 8.0 | 1720 | PASS |
| 176 | 174 | 95 | 101 | 98.0 | 21148 | PASS |
| 177 | 176 | 5 | 9 | 6.6 | 1395 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44159.D | 20 PPB | 07/30/09 06:58 |
| 6M44160.D | 20 PPB | 07/30/09 07:22 |
| 6M44161.D | BLK | 07/30/09 07:39 |
| 6M44162.D | BLK | 07/30/09 07:52 |
| 6M44163.D | 1 PPB | 07/30/09 08:03 |
| 6M44164.D | CAL @ 0.5 PPB | 07/30/09 08:19 |
| 6M44165.D | CAL @ 5 PPB | 07/30/09 08:35 |
| 6M44166.D | CAL @ 20 PPB | 07/30/09 08:51 |
| 6M44167.D | CAL @ 500 PPB | 07/30/09 09:07 |
| 6M44168.D | CAL @ 250 PPB | 07/30/09 09:23 |
| 6M44169.D | CAL @ 100 PPB | 07/30/09 09:38 |
| 6M44170.D | CAL @ 50 PPB | 07/30/09 09:54 |
| 6M44171.D | CAL @ 10 PPB | 07/30/09 10:10 |
| 6M44172.D | BLK | 07/30/09 10:35 |
| 6M44173.D | BLK | 07/30/09 10:51 |
| 6M44174.D | CAL @ 1 PPB | 07/30/09 11:07 |
| 6M44175.D | STDTEST | 07/30/09 11:37 |
| 6M44176.D | BLK | 07/30/09 11:52 |
| 6M44177.D | ICV | 07/30/09 12:08 |
| 6M44178.D | BLK | 07/30/09 12:24 |
| 6M44179.D | DAILY BLANK | 07/30/09 12:40 |
| 6M44180.D | DAILY BLANK | 07/30/09 12:56 |
| 6M44181.D | AC46032-001 | 07/30/09 13:12 |
| 6M44182.D | AC46045-001(4uL) | 07/30/09 13:28 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44183.D
**Instrument:** GCMS 6 **Analysis Date:** 07/30/09 13:40
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.180 to 4.200 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 19.6 | 3156 | PASS |
| 75 | 95 | 30 | 60 | 43.8 | 7052 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 16101 | PASS |
| 96 | 95 | 5 | 9 | 5.2 | 834 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 88.4 | 14229 | PASS |
| 175 | 174 | 5 | 9 | 8.2 | 1172 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 14247 | PASS |
| 177 | 176 | 5 | 9 | 5.5 | 782 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44184.D | CAL @ 20 PPB | 07/30/09 13:51 |
| 6M44185.D | BLKHCL | 07/30/09 14:12 |
| 6M44186.D | DAILY BLANK | 07/30/09 14:29 |
| 6M44187.D | MBS12922 | 07/30/09 14:45 |
| 6M44188.D | AC45984-007(MS: | 07/30/09 15:02 |
| 6M44189.D | AC45984-008(MSD | 07/30/09 15:17 |
| 6M44190.D | AC45984-006 | 07/30/09 15:33 |
| 6M44191.D | AC45984-001 | 07/30/09 15:49 |
| 6M44192.D | AC45975-014 | 07/30/09 16:05 |
| 6M44193.D | 45984-006 | 07/30/09 16:21 |
| 6M44194.D | BLK | 07/30/09 16:36 |
| 6M44195.D | DAILY BLANK | 07/30/09 16:52 |
| 6M44196.D | AC46035-001 | 07/30/09 17:08 |
| 6M44197.D | AC46035-002 | 07/30/09 17:24 |
| 6M44198.D | MBS12927 | 07/30/09 17:40 |
| 6M44199.D | MBS12928 | 07/30/09 17:56 |
| 6M44200.D | BLK | 07/30/09 18:11 |
| 6M44201.D | AC46069-013 | 07/30/09 18:27 |
| 6M44202.D | AC46065-003 | 07/30/09 18:43 |
| 6M44203.D | AC46069-012 | 07/30/09 18:59 |
| 6M44204.D | AC46069-001 | 07/30/09 19:15 |
| 6M44205.D | AC46069-002 | 07/30/09 19:30 |
| 6M44206.D | AC46069-003 | 07/30/09 19:46 |
| 6M44207.D | AC46069-004 | 07/30/09 20:02 |
| 6M44208.D | AC46069-005 | 07/30/09 20:18 |
| 6M44209.D | AC46069-006 | 07/30/09 20:33 |
| 6M44210.D | AC46069-007 | 07/30/09 20:49 |
| 6M44211.D | AC46069-009 | 07/30/09 21:05 |
| 6M44212.D | AC46069-010 | 07/30/09 21:21 |
| 6M44213.D | AC46069-011 | 07/30/09 21:37 |
| 6M44214.D | AC46069-008 | 07/30/09 21:52 |
| 6M44215.D | BLK | 07/30/09 22:08 |
| 6M44216.D | BLK | 07/30/09 22:24 |
| 6M44217.D | AC46064-011 | 07/30/09 22:40 |
| 6M44218.D | AC46065-001 | 07/30/09 22:55 |
| 6M44219.D | AC46065-002 | 07/30/09 23:11 |
| 6M44220.D | AC46088-003 | 07/30/09 23:27 |
| 6M44221.D | AC46088-004 | 07/30/09 23:43 |
| 6M44222.D | AC46088-005 | 07/30/09 23:58 |
| 6M44223.D | AC46088-006 | 07/31/09 00:14 |
| 6M44224.D | AC46088-007 | 07/31/09 00:30 |
| 6M44225.D | AC46088-009 | 07/31/09 00:46 |
| 6M44226.D | BLK | 07/31/09 01:01 |
| 6M44227.D | BLK | 07/31/09 01:17 |
| 6M44228.D | BLK | 07/31/09 01:33 |
| 6M44229.D | BLK | 07/31/09 01:49 |
| 6M44230.D | BLK | 07/31/09 02:04 |
| 6M44231.D | BLK | 07/31/09 02:20 |
| 6M44232.D | BLK | 07/31/09 02:36 |
| 6M44233.D | BLKJUG#2 | 07/31/09 05:33 |
| 6M44234.D | AC46060-003 | 07/31/09 05:50 |
| 6M44235.D | AC46060-002 | 07/31/09 06:05 |
| 6M44236.D | AC46060-001 | 07/31/09 06:21 |
| 6M44237.D | MBS12930 | 07/31/09 06:38 |
| 6M44238.D | AC46060-002 | 07/31/09 06:54 |

# Form 5

**Tune Name:** BFB TUNE
**Instrument:** GCMS 6
**Data File:** 6M44244.D
**Analysis Date:** 07/31/09 08:32
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.233 to 4.262 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.3 | 3791 | PASS |
| 75 | 95 | 30 | 60 | 44.4 | 9708 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21872 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1292 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 96.7 | 21154 | PASS |
| 175 | 174 | 5 | 9 | 6.7 | 1421 | PASS |
| 176 | 174 | 95 | 101 | 97.4 | 20596 | PASS |
| 177 | 176 | 5 | 9 | 6.8 | 1391 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44245.D | 20 PPB | 07/31/09 08:48 |
| 6M44246.D | CAL @ 20 PPB | 07/31/09 09:15 |
| 6M44247.D | BLK | 07/31/09 09:34 |
| 6M44248.D | DAILY BLANK | 07/31/09 09:50 |
| 6M44249.D | DAILY BLANK | 07/31/09 10:06 |
| 6M44250.D | MBS12933 | 07/31/09 10:27 |
| 6M44251.D | MBS12934 | 07/31/09 10:43 |
| 6M44252.D | BLK | 07/31/09 10:59 |
| 6M44253.D | AC45984-002 | 07/31/09 11:15 |
| 6M44254.D | AC46027-008(T) | 07/31/09 11:30 |
| 6M44255.D | AC45982-003(T) | 07/31/09 11:46 |
| 6M44256.D | AC45982-004(T) | 07/31/09 12:02 |
| 6M44257.D | BLK | 07/31/09 12:18 |
| 6M44258.D | AC45984-003 | 07/31/09 12:34 |
| 6M44259.D | AC45984-004 | 07/31/09 12:50 |
| 6M44260.D | AC45984-005 | 07/31/09 13:06 |
| 6M44261.D | AC45984-009 | 07/31/09 13:21 |
| 6M44262.D | AC45984-010 | 07/31/09 13:37 |
| 6M44263.D | AC45984-011 | 07/31/09 13:53 |
| 6M44264.D | AC45984-012 | 07/31/09 14:09 |
| 6M44265.D | AC45984-014 | 07/31/09 14:25 |
| 6M44266.D | AC45984-015 | 07/31/09 14:41 |
| 6M44267.D | AC45984-017 | 07/31/09 14:57 |
| 6M44268.D | AC45984-018 | 07/31/09 15:12 |
| 6M44269.D | AC45984-019 | 07/31/09 15:28 |
| 6M44270.D | AC45984-020 | 07/31/09 15:44 |
| 6M44271.D | AC45984-021 | 07/31/09 16:00 |
| 6M44272.D | AC45984-022 | 07/31/09 16:16 |
| 6M44273.D | AC45984-023 | 07/31/09 16:31 |
| 6M44274.D | BLK | 07/31/09 16:48 |
| 6M44275.D | AC45984-005 | 07/31/09 17:04 |
| 6M44276.D | MBS12936 | 07/31/09 17:23 |
| 6M44277.D | AC45984-024 | 07/31/09 17:39 |
| 6M44278.D | AC45984-025 | 07/31/09 17:55 |
| 6M44279.D | AC45984-026 | 07/31/09 18:10 |
| 6M44280.D | AC45984-027 | 07/31/09 18:26 |
| 6M44281.D | AC46080-004 | 07/31/09 18:42 |
| 6M44282.D | AC46080-003 | 07/31/09 18:58 |
| 6M44283.D | AC46080-002 | 07/31/09 19:14 |
| 6M44284.D | AC46080-001 | 07/31/09 19:30 |
| 6M44285.D | BLK | 07/31/09 19:45 |
| 6M44286.D | MBS12937 | 07/31/09 20:01 |
| 6M44287.D | AC46055-002(MS) | 07/31/09 20:17 |
| 6M44288.D | AC46055-002(MSD | 07/31/09 20:33 |
| 6M44289.D | BLK | 07/31/09 20:49 |
| 6M44290.D | AC46095-002 | 07/31/09 21:04 |
| 6M44291.D | AC46095-003 | 07/31/09 21:20 |
| 6M44292.D | AC46096-002 | 07/31/09 21:36 |
| 6M44293.D | AC46096-003 | 07/31/09 21:52 |
| 6M44294.D | AC46097-001 | 07/31/09 22:07 |
| 6M44295.D | AC46097-002 | 07/31/09 22:23 |
| 6M44296.D | AC46098-001 | 07/31/09 22:39 |
| 6M44297.D | AC46098-002 | 07/31/09 22:55 |
| 6M44298.D | AC46095-001 | 07/31/09 23:11 |
| 6M44299.D | AC46096-001 | 07/31/09 23:26 |
| 6M44300.D | BLK | 07/31/09 23:42 |
| 6M44301.D | BLK | 07/31/09 23:58 |
| 6M44302.D | BLK | 08/01/09 00:14 |
| 6M44303.D | BLK | 08/01/09 00:30 |
| 6M44304.D | BLK | 08/01/09 00:45 |

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M43663.D  Method: EPA 8260B

Analysis Date/Time: 07/20/09 11:06

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 189089 | 4.36 | 123434 | 5.91 | 65901 | 7.14 | | | | | | |
| Eval File Area Limit: | 94544-378178 | | 61717-246868 | | 32950-131802 | | | | | | | |
| Eval File Rt Limit: | 3.86-4.86 | | 5.41-6.41 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M43655.D | PREPBLK | 173434 | 4.36 | 120959 | 5.91 | 60830 | 7.14 | | | | | |
| 6M43656.D | CAL @ 1 PPB | 186537 | 4.36 | 129254 | 5.92 | 62922 | 7.14 | | | | | |
| 6M43657.D | CAL @ 0.5 P | 180875 | 4.36 | 124837 | 5.91 | 58963 | 7.14 | | | | | |
| 6M43658.D | CAL @ 5 PPB | 192245 | 4.36 | 132345 | 5.91 | 63099 | 7.14 | | | | | |
| 6M43659.D | CAL @ 500 P | 207952 | 4.36 | 121900 | 5.92 | 59940 | 7.14 | | | | | |
| 6M43660.D | CAL @ 250 P | 205370 | 4.36 | 131908 | 5.91 | 62821 | 7.14 | | | | | |
| 6M43661.D | CAL @ 100 P | 203224 | 4.36 | 128545 | 5.92 | 66455 | 7.14 | | | | | |
| 6M43662.D | CAL @ 50 PP | 192639 | 4.36 | 130577 | 5.92 | 66398 | 7.14 | | | | | |
| 6M43663.D | CAL @ 20 PP | 189089 | 4.36 | 123434 | 5.91 | 65901 | 7.14 | | | | | |
| 6M43664.D | CAL @ 10 PP | 188726 | 4.36 | 122256 | 5.92 | 66285 | 7.14 | | | | | |
| 6M43665.D | BLK | 185585 | 4.36 | 130008 | 5.92 | 63264 | 7.14 | | | | | |
| 6M43666.D | ICV | 188627 | 4.36 | 126056 | 5.92 | 65805 | 7.14 | | | | | |
| 6M43667.D | ICV | 193137 | 4.36 | 125176 | 5.92 | 67949 | 7.14 | | | | | |
| 6M43668.D | BLK | 185738 | 4.36 | 126277 | 5.92 | 59727 | 7.14 | | | | | |
| 6M43669.D | DAILY BLANK | 175849 | 4.36 | 113477 | 5.92 | 58838 | 7.14 | | | | | |
| 6M43670.D | DAILY BLANK | 182365 | 4.36 | 120869 | 5.92 | 61017 | 7.14 | | | | | |
| 6M43671.D | MBS12817 | 181635 | 4.36 | 125191 | 5.92 | 60642 | 7.14 | | | | | |
| 6M43672.D | MBS12818 | 193450 | 4.36 | 130283 | 5.92 | 64205 | 7.14 | | | | | |
| 6M43673.D | AC45849-006 | 182311 | 4.36 | 124447 | 5.92 | 65321 | 7.14 | | | | | |
| 6M43675.D | AC45833-020 | 184522 | 4.37 | 125570 | 5.92 | 63332 | 7.14 | | | | | |
| 6M43684.D | AC45840-011 | 171935 | 4.37 | 110649 | 5.92 | 55854 | 7.14 | | | | | |
| 6M43685.D | AC45849-005 | 168727 | 4.36 | 113580 | 5.92 | 56558 | 7.14 | | | | | |
| 6M43686.D | AC45849-001 | 163168 | 4.36 | 106956 | 5.92 | 52032 | 7.14 | | | | | |
| 6M43687.D | AC45849-002 | 163727 | 4.36 | 108854 | 5.92 | 56348 | 7.14 | | | | | |
| 6M43688.D | AC45840-010 | 165212 | 4.36 | 110878 | 5.92 | 55401 | 7.14 | | | | | |
| 6M43689.D | AC45839-001 | 174391 | 4.36 | 117672 | 5.92 | 58967 | 7.14 | | | | | |
| 6M43690.D | AC45849-003 | 163427 | 4.36 | 111496 | 5.92 | 54009 | 7.14 | | | | | |
| 6M43691.D | AC45849-004 | 157765 | 4.36 | 101946 | 5.92 | 54167 | 7.14 | | | | | |
| 6M43692.D | AC45840-002 | 158016 | 4.36 | 108029 | 5.92 | 54634 | 7.14 | | | | | |
| 6M43693.D | MBS12820 | 167429 | 4.36 | 110655 | 5.92 | 59494 | 7.14 | | | | | |
| 6M43694.D | AC45840-010 | 174873 | 4.36 | 113385 | 5.92 | 62106 | 7.14 | | | | | |
| 6M43695.D | AC45840-010 | 183663 | 4.36 | 117591 | 5.92 | 60094 | 7.14 | | | | | |
| 6M43696.D | BLK | 166398 | 4.36 | 114336 | 5.92 | 53802 | 7.14 | | | | | |
| 6M43697.D | BLK | 161462 | 4.36 | 108052 | 5.92 | 54041 | 7.14 | | | | | |
| 6M43698.D | BLK | 169564 | 4.36 | 114278 | 5.92 | 56964 | 7.14 | | | | | |
| 6M43699.D | MBS12821 | 178890 | 4.36 | 111593 | 5.92 | 61330 | 7.14 | | | | | |
| 6M43700.D | BLK | 166164 | 4.36 | 109556 | 5.92 | 56058 | 7.14 | | | | | |
| 6M43715.D | BLK | 158102 | 4.36 | 108496 | 5.92 | 55014 | 7.14 | | | | | |
| 6M43722.D | MBS12822 | 160844 | 4.36 | 103697 | 5.92 | 59894 | 7.14 | | | | | |
| 6M43723.D | MBS12823 | 157711 | 4.36 | 106266 | 5.92 | 64019 | 7.14 | | | | | |
| 6M43724.D | BLK | 153793 | 4.36 | 103374 | 5.92 | 53738 | 7.14 | | | | | |
| 6M43725.D | BLK | 155054 | 4.36 | 104247 | 5.92 | 53139 | 7.14 | | | | | |
| 6M43726.D | BLK | 149845 | 4.36 | 102195 | 5.92 | 52829 | 7.14 | | | | | |
| 6M43727.D | BLK | 149158 | 4.36 | 103806 | 5.92 | 52461 | 7.14 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1.4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M43969.D  Method: EPA 8260B

Analysis Date/Time: 07/27/09 08:28

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 156597 | 4.37 | 108033 | 5.92 | 64252 | 7.14 | | | | | | |
| Eval File Area Limit: | 78298-313194 | | 54016-216066 | | 32126-128504 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.42-6.42 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M43968.D | 20 PPB | 157964 | 4.37 | 110012 | 5.92 | 61411 | 7.14 | | | | | |
| 6M43970.D | BLK | 141003 | 4.37 | 102799 | 5.92 | 55620 | 7.14 | | | | | |
| 6M43971.D | DAILY BLANK | 152660 | 4.37 | 103488 | 5.92 | 50298 | 7.14 | | | | | |
| 6M43972.D | DAILY BLANK | 151378 | 4.37 | 102575 | 5.93 | 54220 | 7.15 | | | | | |
| 6M43973.D | AC46012-008 | 150493 | 4.37 | 97907 | 5.92 | 51729 | 7.14 | | | | | |
| 6M43974.D | AC46012-009 | 153153 | 4.37 | 102102 | 5.92 | 50562 | 7.14 | | | | | |
| 6M43975.D | AC45960-017 | 137240 | 4.37 | 97243 | 5.92 | 52615 | 7.14 | | | | | |
| 6M43976.D | AC45960-005 | 117972 | 4.37 | 82700 | 5.92 | 46819 | 7.14 | | | | | |
| 6M43977.D | AC45978-001 | 137166 | 4.37 | 96840 | 5.93 | 58599 | 7.15 | | | | | |
| 6M43978.D | MBS12886 | 158573 | 4.37 | 103893 | 5.93 | 62321 | 7.15 | | | | | |
| 6M43979.D | BLK | 152688 | 4.37 | 97139 | 5.92 | 60175 | 7.14 | | | | | |
| 6M43981.D | MBS12887 | 152605 | 4.37 | 105957 | 5.92 | 58913 | 7.14 | | | | | |
| 6M43982.D | AC45954-007 | 155282 | 4.37 | 106903 | 5.93 | 56879 | 7.14 | | | | | |
| 6M43983.D | AC45954-008 | 158710 | 4.37 | 104813 | 5.92 | 54184 | 7.14 | | | | | |
| 6M43984.D | AC45954-010 | 150830 | 4.37 | 101174 | 5.92 | 51596 | 7.14 | | | | | |
| 6M43985.D | AC45971-002 | 154175 | 4.37 | 103038 | 5.92 | 58741 | 7.14 | | | | | |
| 6M43986.D | AC45971-001 | 155930 | 4.37 | 109185 | 5.92 | 59292 | 7.14 | | | | | |
| 6M43987.D | AC45997-002 | 156581 | 4.36 | 101229 | 5.92 | 52996 | 7.15 | | | | | |
| 6M43988.D | AC45997-003 | 146539 | 4.37 | 99372 | 5.93 | 49842 | 7.15 | | | | | |
| 6M43989.D | AC45997-004 | 157351 | 4.37 | 101021 | 5.93 | 53489 | 7.15 | | | | | |
| 6M43990.D | AC45997-005 | 145481 | 4.37 | 97624 | 5.93 | 48263 | 7.15 | | | | | |
| 6M43991.D | AC45997-006 | 149435 | 4.37 | 98894 | 5.92 | 53497 | 7.15 | | | | | |
| 6M43992.D | AC45997-007 | 149734 | 4.37 | 101136 | 5.93 | 51460 | 7.15 | | | | | |
| 6M43993.D | AC45997-008 | 147418 | 4.37 | 100526 | 5.93 | 48171 | 7.15 | | | | | |
| 6M43994.D | AC45937-001 | 149345 | 4.37 | 102252 | 5.92 | 51544 | 7.15 | | | | | |
| 6M43995.D | AC45937-002 | 146597 | 4.37 | 106885 | 5.92 | 51458 | 7.14 | | | | | |
| 6M43996.D | AC45937-003 | 149192 | 4.37 | 101421 | 5.93 | 53345 | 7.15 | | | | | |
| 6M43997.D | AC45937-004 | 146578 | 4.37 | 101587 | 5.92 | 53474 | 7.14 | | | | | |
| 6M43998.D | EF-1-V-69665 | 145879 | 4.37 | 102798 | 5.92 | 55055 | 7.14 | | | | | |
| 6M43999.D | AC45937-001 | 153834 | 4.37 | 100349 | 5.92 | 61790 | 7.14 | | | | | |
| 6M44000.D | AC45937-001 | 151344 | 4.37 | 105757 | 5.92 | 59155 | 7.14 | | | | | |
| 6M44001.D | BLK | 148242 | 4.37 | 97782 | 5.92 | 47510 | 7.14 | | | | | |
| 6M44002.D | AC45988-005 | 143085 | 4.38 | 93078 | 5.93 | 46467 | 7.15 | | | | | |
| 6M44003.D | AC45998-004 | 144554 | 4.38 | 97761 | 5.93 | 48290 | 7.15 | | | | | |
| 6M44004.D | AC45998-005 | 145724 | 4.37 | 92271 | 5.93 | 47762 | 7.15 | | | | | |
| 6M44005.D | AC45998-002 | 149108 | 4.37 | 97743 | 5.92 | 58457 | 7.14 | | | | | |
| 6M44006.D | AC45998-001 | 155315 | 4.37 | 95507 | 5.93 | 52134 | 7.15 | | | | | |
| 6M44007.D | AC45998-003 | 148392 | 4.37 | 99481 | 5.93 | 56766 | 7.15 | | | | | |
| 6M44008.D | MBS12890 | 148953 | 4.37 | 98765 | 5.92 | 59067 | 7.14 | | | | | |
| 6M44009.D | AC45811-006 | 156156 | 4.37 | 102807 | 5.92 | 58413 | 7.14 | | | | | |
| 6M44010.D | BLK | 147880 | 4.37 | 99034 | 5.92 | 50789 | 7.14 | | | | | |
| 6M44011.D | BLK | 147180 | 4.37 | 95637 | 5.92 | 48784 | 7.15 | | | | | |
| 6M44012.D | BLK | 149276 | 4.37 | 93790 | 5.92 | 49692 | 7.14 | | | | | |
| 6M44013.D | MBS12891 | 154849 | 4.37 | 100925 | 5.92 | 57955 | 7.14 | | | | | |
| 6M44016.D | BLK | 138202 | 4.37 | 98104 | 5.92 | 46669 | 7.14 | | | | | |
| 6M44017.D | MBS12892 | 149460 | 4.37 | 94171 | 5.92 | 60753 | 7.14 | | | | | |
| 6M44018.D | BLK | 140290 | 4.37 | 95327 | 5.92 | 48890 | 7.14 | | | | | |
| 6M44032.D | BLK | 154901 | 4.37 | 100616 | 5.92 | 55448 | 7.15 | | | | | |
| 6M44033.D | MBS12893 | 157393 | 4.37 | 99850 | 5.92 | 60203 | 7.14 | | | | | |
| 6M44034.D | AC45984-021 | 146074 | 4.37 | 102317 | 5.92 | 55300 | 7.14 | | | | | |
| 6M44035.D | AC45984-022 | 148773 | 4.37 | 99259 | 5.93 | 50053 | 7.14 | | | | | |
| 6M44036.D | AC45984-023 | 149801 | 4.37 | 96268 | 5.93 | 51484 | 7.14 | | | | | |
| 6M44037.D | AC45984-024 | 138698 | 4.37 | 94766 | 5.92 | 48076 | 7.14 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1.4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M43969.D  Method: EPA 8260B

Analysis Date/Time: 07/27/09 08:28

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 156597 | 4.37 | 108033 | 5.92 | 64252 | 7.14 | | | | | | |
| Eval File Area Limit: | 78298-313194 | | 54016-216066 | | 32126-128504 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.42-6.42 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | |
|---|---|---|---|---|---|---|---|
| 6M44038.D | AC45984-025 | 138580 | 4.37 | 92191 | 5.92 | 49628 | 7.14 |
| 6M44039.D | AC45984-026 | 138221 | 4.37 | 96823 | 5.92 | 49734 | 7.14 |
| 6M44040.D | AC45984-027 | 139119 | 4.37 | 93539 | 5.92 | 48845 | 7.14 |
| 6M44041.D | BLK | 135134 | 4.37 | 91692 | 5.93 | 43805 | 7.15 |
| 6M44042.D | BLK | 132492 | 4.37 | 86868 | 5.92 | 46096 | 7.14 |
| 6M44043.D | BLK | 131950 | 4.37 | 87792 | 5.92 | 46263 | 7.14 |
| 6M44044.D | BLK | 130974 | 4.37 | 89678 | 5.93 | 45175 | 7.15 |
| 6M44045.D | BLK | 131541 | 4.37 | 86089 | 5.92 | 44545 | 7.15 |
| 6M44046.D | BLK | 122818 | 4.36 | 85327 | 5.92 | 44972 | 7.14 |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1,4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M44089.D  Method: EPA 8260B

Analysis Date/Time: 07/29/09 08:16

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 148900 | 4.37 | 99641 | 5.92 | 57611 | 7.14 | | | | | | |
| Eval File Area Limit: | 74450-297800 | | 49820-199282 | | 28806-115222 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.42-6.42 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M44088.D | 20 PPB | 150860 | 4.37 | 100140 | 5.92 | 58682 | 7.14 | | | | | |
| 6M44090.D | BLK | 144989 | 4.37 | 93049 | 5.93 | 46965 | 7.14 | | | | | |
| 6M44091.D | DAILY BLANK | 142803 | 4.36 | 93082 | 5.92 | 46018 | 7.15 | | | | | |
| 6M44092.D | DAILY BLANK | 142288 | 4.37 | 95259 | 5.93 | 46931 | 7.15 | | | | | |
| 6M44093.D | AC45975-010 | 134863 | 4.37 | 93077 | 5.93 | 48800 | 7.15 | | | | | |
| 6M44094.D | MBS12905 | 151586 | 4.37 | 99705 | 5.93 | 59401 | 7.15 | | | | | |
| 6M44095.D | MBS12906 | 146433 | 4.37 | 96694 | 5.92 | 54604 | 7.14 | | | | | |
| 6M44096.D | AC45975-011( | 151175 | 4.37 | 97253 | 5.93 | 58066 | 7.15 | | | | | |
| 6M44097.D | AC45975-012( | 152680 | 4.37 | 98716 | 5.92 | 57413 | 7.14 | | | | | |
| 6M44098.D | AC45951-003( | 151740 | 4.37 | 98229 | 5.93 | 51076 | 7.15 | | | | | |
| 6M44099.D | BLK | 141795 | 4.37 | 96304 | 5.93 | 51617 | 7.15 | | | | | |
| 6M44100.D | AC45975-010 | 145345 | 4.37 | 92889 | 5.93 | 50011 | 7.15 | | | | | |
| 6M44101.D | AC45984-013 | 147141 | 4.37 | 94570 | 5.93 | 47890 | 7.15 | | | | | |
| 6M44102.D | AC45984-016 | 143690 | 4.37 | 94957 | 5.93 | 50462 | 7.15 | | | | | |
| 6M44103.D | AC45975-020 | 141823 | 4.37 | 90410 | 5.93 | 48307 | 7.15 | | | | | |
| 6M44104.D | AC45975-021 | 133528 | 4.37 | 93063 | 5.93 | 48080 | 7.15 | | | | | |
| 6M44105.D | AC45975-022 | 141077 | 4.38 | 90695 | 5.93 | 46588 | 7.15 | | | | | |
| 6M44106.D | AC45975-023 | 135573 | 4.37 | 93869 | 5.93 | 46194 | 7.15 | | | | | |
| 6M44107.D | AC45975-024 | 128524 | 4.37 | 89632 | 5.93 | 50099 | 7.15 | | | | | |
| 6M44108.D | AC45975-025 | 142464 | 4.38 | 93575 | 5.93 | 50214 | 7.15 | | | | | |
| 6M44109.D | AC45975-033 | 138951 | 4.37 | 92211 | 5.93 | 45957 | 7.15 | | | | | |
| 6M44110.D | AC45975-035 | 133919 | 4.37 | 91131 | 5.93 | 50033 | 7.15 | | | | | |
| 6M44111.D | AC45975-036 | 131950 | 4.38 | 88626 | 5.93 | 46047 | 7.16 | | | | | |
| 6M44112.D | AC45975-037 | 136768 | 4.38 | 88503 | 5.93 | 46513 | 7.15 | | | | | |
| 6M44113.D | AC45975-040 | 132520 | 4.37 | 87175 | 5.93 | 48083 | 7.15 | | | | | |
| 6M44114.D | BLK | 135121 | 4.37 | 85746 | 5.93 | 46295 | 7.15 | | | | | |
| 6M44115.D | BLK | 129331 | 4.37 | 85964 | 5.93 | 45213 | 7.15 | | | | | |
| 6M44116.D | AC46027-012 | 129152 | 4.38 | 80889 | 5.93 | 44186 | 7.15 | | | | | |
| 6M44117.D | AC46015-005 | 127256 | 4.38 | 87060 | 5.93 | 44480 | 7.15 | | | | | |
| 6M44118.D | AC46027-009 | 126548 | 4.38 | 86203 | 5.93 | 46369 | 7.16 | | | | | |
| 6M44119.D | AC46015-004( | 111309 | 4.37 | 76777 | 5.93 | 44845 | 7.15 | | | | | |
| 6M44120.D | AC46015-003( | 126373 | 4.37 | 87511 | 5.93 | 54397 | 7.15 | | | | | |
| 6M44121.D | AC46017-002( | 135421 | 4.37 | 98979 | 5.93 | 53414 | 7.15 | | | | | |
| 6M44122.D | AC46014-005 | 148938 | 4.37 | 98559 | 5.93 | 53561 | 7.15 | | | | | |
| 6M44123.D | AC46017-003 | 151113 | 4.37 | 102841 | 5.93 | 49881 | 7.15 | | | | | |
| 6M44124.D | AC46042-001 | 155909 | 4.37 | 106295 | 5.93 | 56568 | 7.15 | | | | | |
| 6M44125.D | MBS12911 | 170548 | 4.38 | 115299 | 5.93 | 65866 | 7.15 | | | | | |
| 6M44126.D | AC46014-005( | 168614 | 4.38 | 107381 | 5.93 | 62312 | 7.15 | | | | | |
| 6M44127.D | AC46014-005( | 166554 | 4.38 | 107897 | 5.93 | 60754 | 7.15 | | | | | |
| 6M44128.D | BLKJUG#2 | 157661 | 4.38 | 107150 | 5.93 | 58138 | 7.15 | | | | | |
| 6M44129.D | BLK | 156945 | 4.38 | 105876 | 5.93 | 57847 | 7.15 | | | | | |
| 6M44130.D | BLK | 163020 | 4.37 | 103986 | 5.93 | 53880 | 7.15 | | | | | |
| 6M44131.D | MBS12912 | 168232 | 4.38 | 109113 | 5.93 | 63161 | 7.15 | | | | | |
| 6M44132.D | AC45960-020( | 165640 | 4.38 | 105478 | 5.93 | 60095 | 7.15 | | | | | |
| 6M44133.D | AC45960-020( | 165719 | 4.38 | 106993 | 5.93 | 64682 | 7.15 | | | | | |
| 6M44134.D | MBS12913 | 163091 | 4.38 | 109651 | 5.93 | 61914 | 7.15 | | | | | |
| 6M44135.D | BLK | 154941 | 4.37 | 102297 | 5.93 | 54136 | 7.15 | | | | | |
| 6M44142.D | BLK | 149344 | 4.37 | 93839 | 5.93 | 46974 | 7.15 | | | | | |
| 6M44147.D | BLK | 135035 | 4.38 | 85834 | 5.93 | 45132 | 7.15 | | | | | |
| 6M44148.D | BLK | 134331 | 4.37 | 88246 | 5.93 | 47863 | 7.15 | | | | | |
| 6M44149.D | BLK | 131463 | 4.37 | 88172 | 5.93 | 47784 | 7.15 | | | | | |
| 6M44150.D | BLK | 134520 | 4.37 | 83523 | 5.93 | 43615 | 7.15 | | | | | |
| 6M44151.D | BLK | 135234 | 4.37 | 85968 | 5.93 | 45501 | 7.15 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1.4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M44089.D  Method: EPA 8260B

Analysis Date/Time: 07/29/09 08:16

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 148900 | 4.37 | 99641 | 5.92 | 57611 | 7.14 | | | | | | |
| Eval File Area Limit: | 74450-297800 | | 49820-199282 | | 28806-115222 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.42-6.42 | | 6.64-7.64 | | | | | | | |
| Data File Sample | | | | | | | | | | | | |
| 6M44152.D BLK | 128871 | 4.38 | 87893 | 5.93 | 43766 | 7.15 | | | | | | |
| 6M44153.D BLK | 131771 | 4.37 | 87919 | 5.93 | 44901 | 7.15 | | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1,4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M44166.D  Method: EPA 8260B

Analysis Date/Time: 07/30/09 08:51

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 152409 | 4.38 | 97377 | 5.93 | 57884 | 7.14 | | | | | | |
| Eval File Area Limit: | 76204-304818 | | 48688-194754 | | 28942-115768 | | | | | | | |
| Eval File Rt Limit: | 3.88-4.88 | | 5.43-6.43 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M44159.D | 20 PPB | 144648 | 4.37 | 96074 | 5.93 | 58587 | 7.14 | | | | | |
| 6M44160.D | 20 PPB | 144924 | 4.37 | 96545 | 5.93 | 57727 | 7.15 | | | | | |
| 6M44161.D | BLK | 140251 | 4.38 | 91638 | 5.93 | 49269 | 7.15 | | | | | |
| 6M44162.D | BLK | 8570 | 4.23 | 0 | 0.00 | 0 | 0.00 | | | | | |
| 6M44163.D | 1 PPB | 139550 | 4.37 | 95927 | 5.93 | 51189 | 7.15 | | | | | |
| 6M44164.D | CAL @ 0.5 P | 139813 | 4.37 | 97441 | 5.93 | 50941 | 7.15 | | | | | |
| 6M44165.D | CAL @ 5 PPB | 148036 | 4.37 | 102756 | 5.93 | 53014 | 7.15 | | | | | |
| 6M44166.D | CAL @ 20 PP | 152409 | 4.38 | 97377 | 5.93 | 57884 | 7.14 | | | | | |
| 6M44167.D | CAL @ 500 P | 170494 | 4.37 | 107053 | 5.93 | 57536 | 7.15 | | | | | |
| 6M44168.D | CAL @ 250 P | 179495 | 4.37 | 115940 | 5.92 | 63619 | 7.14 | | | | | |
| 6M44169.D | CAL @ 100 P | 170895 | 4.38 | 115032 | 5.93 | 63531 | 7.14 | | | | | |
| 6M44170.D | CAL @ 50 PP | 169409 | 4.37 | 112155 | 5.93 | 66912 | 7.15 | | | | | |
| 6M44171.D | CAL @ 10 PP | 159269 | 4.37 | 106196 | 5.93 | 61506 | 7.15 | | | | | |
| 6M44172.D | BLK | 151042 | 4.37 | 98460 | 5.93 | 49309 | 7.15 | | | | | |
| 6M44173.D | BLK | 143790 | 4.37 | 95215 | 5.93 | 48807 | 7.15 | | | | | |
| 6M44174.D | CAL @ 1 PPB | 141674 | 4.37 | 97040 | 5.93 | 51386 | 7.15 | | | | | |
| 6M44175.D | STDTEST | 143339 | 4.37 | 98522 | 5.92 | 58474 | 7.14 | | | | | |
| 6M44176.D | BLK | 144684 | 4.37 | 92852 | 5.93 | 49213 | 7.15 | | | | | |
| 6M44177.D | ICV | 152665 | 4.37 | 101454 | 5.93 | 61003 | 7.15 | | | | | |
| 6M44178.D | BLK | 139995 | 4.37 | 90132 | 5.93 | 47735 | 7.15 | | | | | |
| 6M44179.D | DAILY BLANK | 136849 | 4.37 | 91199 | 5.93 | 44204 | 7.15 | | | | | |
| 6M44180.D | DAILY BLANK | 140115 | 4.37 | 89965 | 5.93 | 46027 | 7.15 | | | | | |
| 6M44181.D | AC46032-001 | 129768 | 4.37 | 86978 | 5.93 | 44942 | 7.15 | | | | | |
| 6M44182.D | AC46045-001 | 143084 | 4.37 | 96784 | 5.93 | 54463 | 7.15 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1,4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M44184.D  Method: EPA 8260B

Analysis Date/Time: 07/30/09 13:51

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 146794 | 4.37 | 95279 | 5.93 | 56395 | 7.14 | | | | | | |
| Eval File Area Limit: | 73397-293588 | | 47640-190558 | | 28198-112790 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.43-6.43 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M44185.D | BLKHCL | 133465 | 4.37 | 92740 | 5.92 | 50904 | 7.14 | | | | | |
| 6M44186.D | DAILY BLANK | 139866 | 4.37 | 97223 | 5.93 | 48074 | 7.15 | | | | | |
| 6M44187.D | MBS12922 | 142663 | 4.37 | 98652 | 5.92 | 61063 | 7.14 | | | | | |
| 6M44188.D | AC45984-007 | 146877 | 4.37 | 94034 | 5.93 | 59266 | 7.14 | | | | | |
| 6M44189.D | AC45984-008 | 151638 | 4.37 | 98005 | 5.93 | 59037 | 7.14 | | | | | |
| 6M44190.D | AC45984-006 | 145220 | 4.37 | 95850 | 5.93 | 48948 | 7.15 | | | | | |
| 6M44191.D | AC45984-001 | 133578 | 4.37 | 91584 | 5.93 | 45641 | 7.15 | | | | | |
| 6M44192.D | AC45975-014 | 141036 | 4.38 | 94251 | 5.93 | 47623 | 7.15 | | | | | |
| 6M44193.D | 45984-006 | 130580 | 4.37 | 85844 | 5.93 | 45315 | 7.15 | | | | | |
| 6M44194.D | BLK | 140060 | 4.37 | 87909 | 5.93 | 46514 | 7.15 | | | | | |
| 6M44195.D | DAILY BLANK | 137011 | 4.37 | 84280 | 5.92 | 43499 | 7.15 | | | | | |
| 6M44196.D | AC46035-001 | 131281 | 4.38 | 88323 | 5.93 | 45495 | 7.16 | | | | | |
| 6M44197.D | AC46035-002 | 137514 | 4.37 | 92039 | 5.93 | 56667 | 7.15 | | | | | |
| 6M44198.D | MBS12927 | 152993 | 4.37 | 104675 | 5.92 | 60880 | 7.14 | | | | | |
| 6M44199.D | MBS12928 | 151211 | 4.37 | 94815 | 5.93 | 58421 | 7.14 | | | | | |
| 6M44200.D | BLK | 149545 | 4.37 | 96751 | 5.93 | 50124 | 7.15 | | | | | |
| 6M44215.D | BLK | 143044 | 4.37 | 96616 | 5.93 | 49951 | 7.15 | | | | | |
| 6M44216.D | BLK | 140792 | 4.37 | 90717 | 5.93 | 49981 | 7.15 | | | | | |
| 6M44217.D | AC46064-011 | 135877 | 4.37 | 88671 | 5.92 | 46727 | 7.14 | | | | | |
| 6M44220.D | AC46088-003 | 146551 | 4.37 | 102426 | 5.93 | 56159 | 7.15 | | | | | |
| 6M44221.D | AC46088-004 | 153456 | 4.37 | 103662 | 5.93 | 55022 | 7.15 | | | | | |
| 6M44222.D | AC46088-005 | 155011 | 4.37 | 101342 | 5.93 | 53702 | 7.15 | | | | | |
| 6M44223.D | AC46088-006 | 150715 | 4.37 | 100724 | 5.93 | 52437 | 7.15 | | | | | |
| 6M44224.D | AC46088-007 | 155466 | 4.37 | 100895 | 5.92 | 52312 | 7.15 | | | | | |
| 6M44225.D | AC46088-009 | 151622 | 4.36 | 97530 | 5.93 | 51883 | 7.15 | | | | | |
| 6M44226.D | BLK | 149657 | 4.37 | 99214 | 5.92 | 53593 | 7.14 | | | | | |
| 6M44227.D | BLK | 144409 | 4.37 | 98200 | 5.92 | 49838 | 7.14 | | | | | |
| 6M44228.D | BLK | 141245 | 4.37 | 94135 | 5.93 | 51462 | 7.14 | | | | | |
| 6M44229.D | BLK | 140587 | 4.37 | 94343 | 5.92 | 50130 | 7.14 | | | | | |
| 6M44230.D | BLK | 138568 | 4.37 | 92471 | 5.93 | 46551 | 7.15 | | | | | |
| 6M44231.D | BLK | 137749 | 4.37 | 94849 | 5.93 | 48578 | 7.15 | | | | | |
| 6M44232.D | BLK | 135117 | 4.37 | 95486 | 5.93 | 44649 | 7.15 | | | | | |
| 6M44233.D | BLKJUG#2 | 127417 | 4.37 | 85437 | 5.92 | 47011 | 7.14 | | | | | |
| 6M44237.D | MBS12930 | 176545 | 4.37 | 113609 | 5.92 | 60794 | 7.14 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1,4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# FORM8

Internal Standard Areas

Evaluation Std Data File: 6M44246.D  Method: EPA 8260B

Analysis Date/Time: 07/31/09 09:15

Lab File ID: CAL @ 20 PPB

| | I1 | | I2 | | I3 | | I4 | | I5 | | I6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT | Area | RT |
| Eval File Area/RT: | 166022 | 4.37 | 110633 | 5.92 | 60443 | 7.14 | | | | | | |
| Eval File Area Limit: | 83011-332044 | | 55316-221266 | | 30222-120886 | | | | | | | |
| Eval File Rt Limit: | 3.87-4.87 | | 5.42-6.42 | | 6.64-7.64 | | | | | | | |

| Data File | Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6M44245.D | 20 PPB | 161237 | 4.37 | 107573 | 5.93 | 60523 | 7.15 | | | | | |
| 6M44247.D | BLK | 148671 | 4.37 | 102341 | 5.93 | 55115 | 7.15 | | | | | |
| 6M44248.D | DAILY BLANK | 159149 | 4.37 | 101903 | 5.93 | 50797 | 7.14 | | | | | |
| 6M44249.D | DAILY BLANK | 153581 | 4.37 | 102027 | 5.93 | 49630 | 7.15 | | | | | |
| 6M44250.D | MBS12933 | 156477 | 4.37 | 104773 | 5.93 | 57531 | 7.14 | | | | | |
| 6M44251.D | MBS12934 | 161675 | 4.37 | 106734 | 5.93 | 56502 | 7.15 | | | | | |
| 6M44252.D | BLK | 153287 | 4.38 | 101951 | 5.93 | 53119 | 7.15 | | | | | |
| 6M44253.D | AC45984-002 | 158578 | 4.38 | 100523 | 5.93 | 53813 | 7.15 | | | | | |
| 6M44254.D | AC46027-008 | 150027 | 4.37 | 100082 | 5.93 | 51846 | 7.15 | | | | | |
| 6M44255.D | AC45982-003 | 145773 | 4.38 | 100289 | 5.93 | 51141 | 7.15 | | | | | |
| 6M44256.D | AC45982-004 | 151103 | 4.38 | 101955 | 5.93 | 53498 | 7.15 | | | | | |
| 6M44257.D | BLK | 147159 | 4.37 | 97125 | 5.93 | 49563 | 7.15 | | | | | |
| 6M44258.D | AC45984-003 | 145212 | 4.37 | 99579 | 5.93 | 50342 | 7.15 | | | | | |
| 6M44259.D | AC45984-004 | 147137 | 4.38 | 97577 | 5.93 | 48954 | 7.15 | | | | | |
| 6M44260.D | AC45984-005 | 147666 | 4.37 | 93123 | 5.93 | 47662 | 7.15 | | | | | |
| 6M44261.D | AC45984-009 | 139584 | 4.37 | 93203 | 5.93 | 46862 | 7.15 | | | | | |
| 6M44262.D | AC45984-010 | 147414 | 4.38 | 94424 | 5.93 | 49710 | 7.15 | | | | | |
| 6M44263.D | AC45984-011 | 134065 | 4.37 | 95518 | 5.93 | 48095 | 7.15 | | | | | |
| 6M44264.D | AC45984-012 | 143194 | 4.37 | 94675 | 5.93 | 48501 | 7.15 | | | | | |
| 6M44265.D | AC45984-014 | 137937 | 4.37 | 93405 | 5.93 | 47097 | 7.15 | | | | | |
| 6M44266.D | AC45984-015 | 139121 | 4.38 | 92559 | 5.93 | 48927 | 7.15 | | | | | |
| 6M44267.D | AC45984-017 | 142944 | 4.37 | 93561 | 5.93 | 49297 | 7.15 | | | | | |
| 6M44268.D | AC45984-018 | 144351 | 4.37 | 90445 | 5.93 | 47410 | 7.15 | | | | | |
| 6M44269.D | AC45984-019 | 129385 | 4.37 | 94937 | 5.93 | 50418 | 7.15 | | | | | |
| 6M44270.D | AC45984-020 | 132370 | 4.38 | 87348 | 5.93 | 45883 | 7.15 | | | | | |
| 6M44271.D | AC45984-021 | 136616 | 4.37 | 88065 | 5.93 | 46540 | 7.15 | | | | | |
| 6M44272.D | AC45984-022 | 128755 | 4.37 | 88865 | 5.93 | 43079 | 7.15 | | | | | |
| 6M44273.D | AC45984-023 | 134112 | 4.38 | 87869 | 5.93 | 46848 | 7.15 | | | | | |
| 6M44274.D | BLK | 127425 | 4.37 | 84108 | 5.93 | 43635 | 7.15 | | | | | |
| 6M44275.D | AC45984-005 | 137934 | 4.37 | 86335 | 5.93 | 45771 | 7.15 | | | | | |
| 6M44276.D | MBS12936 | 141041 | 4.37 | 91766 | 5.93 | 61986 | 7.14 | | | | | |
| 6M44277.D | AC45984-024 | 143542 | 4.37 | 89882 | 5.93 | 46236 | 7.15 | | | | | |
| 6M44278.D | AC45984-025 | 130432 | 4.37 | 85969 | 5.93 | 44994 | 7.15 | | | | | |
| 6M44279.D | AC45984-026 | 134564 | 4.37 | 85015 | 5.93 | 42152 | 7.15 | | | | | |
| 6M44280.D | AC45984-027 | 132998 | 4.37 | 90644 | 5.93 | 46322 | 7.15 | | | | | |
| 6M44281.D | AC46080-004 | 148649 | 4.37 | 100187 | 5.93 | 58201 | 7.15 | | | | | |
| 6M44282.D | AC46080-003 | 151645 | 4.37 | 102477 | 5.93 | 51256 | 7.15 | | | | | |
| 6M44283.D | AC46080-002 | 150514 | 4.37 | 108795 | 5.92 | 51664 | 7.15 | | | | | |
| 6M44284.D | AC46080-001 | 154704 | 4.37 | 108067 | 5.93 | 54368 | 7.15 | | | | | |
| 6M44285.D | BLK | 162514 | 4.37 | 112912 | 5.92 | 61570 | 7.14 | | | | | |
| 6M44286.D | MBS12937 | 168515 | 4.37 | 108699 | 5.92 | 59739 | 7.14 | | | | | |
| 6M44287.D | AC46055-002 | 168037 | 4.37 | 112097 | 5.92 | 61822 | 7.14 | | | | | |
| 6M44288.D | AC46055-002 | 168340 | 4.37 | 113585 | 5.92 | 60102 | 7.14 | | | | | |
| 6M44289.D | BLK | 158729 | 4.37 | 105534 | 5.93 | 56906 | 7.14 | | | | | |
| 6M44300.D | BLK | 150750 | 4.37 | 100524 | 5.92 | 51926 | 7.14 | | | | | |
| 6M44301.D | BLK | 149167 | 4.37 | 96815 | 5.92 | 51322 | 7.14 | | | | | |
| 6M44302.D | BLK | 140193 | 4.37 | 93623 | 5.92 | 47277 | 7.14 | | | | | |
| 6M44303.D | BLK | 143201 | 4.37 | 96431 | 5.92 | 48369 | 7.14 | | | | | |
| 6M44304.D | BLK | 144875 | 4.37 | 92238 | 5.92 | 46167 | 7.14 | | | | | |

| | | | |
|---|---|---|---|
| I1 = | Fluorobenzene | I4 = | 625/8270 Internal Standard concentration = 40 mg/L (in final extract) |
| I2 = | Chlorobenzene-d5 | I5 = | 624/8260 Internal Standard concentration = 30ug/L |
| I3 = | 1,4-Dichlorobenzene-d4 | I6 = | 524 Internal Standard concentration =5ug/L |

**QC Limits:**

**Internal Standard Areas**

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

**Flags:**

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

**Retention Times:** Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

# GC/MS Volatile Data
# Sample Data

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-001
Client Id: 1-30-185- TRIP BLANK
Data File: 6M44191.D
Analysis Date: 07/30/09 15:49
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

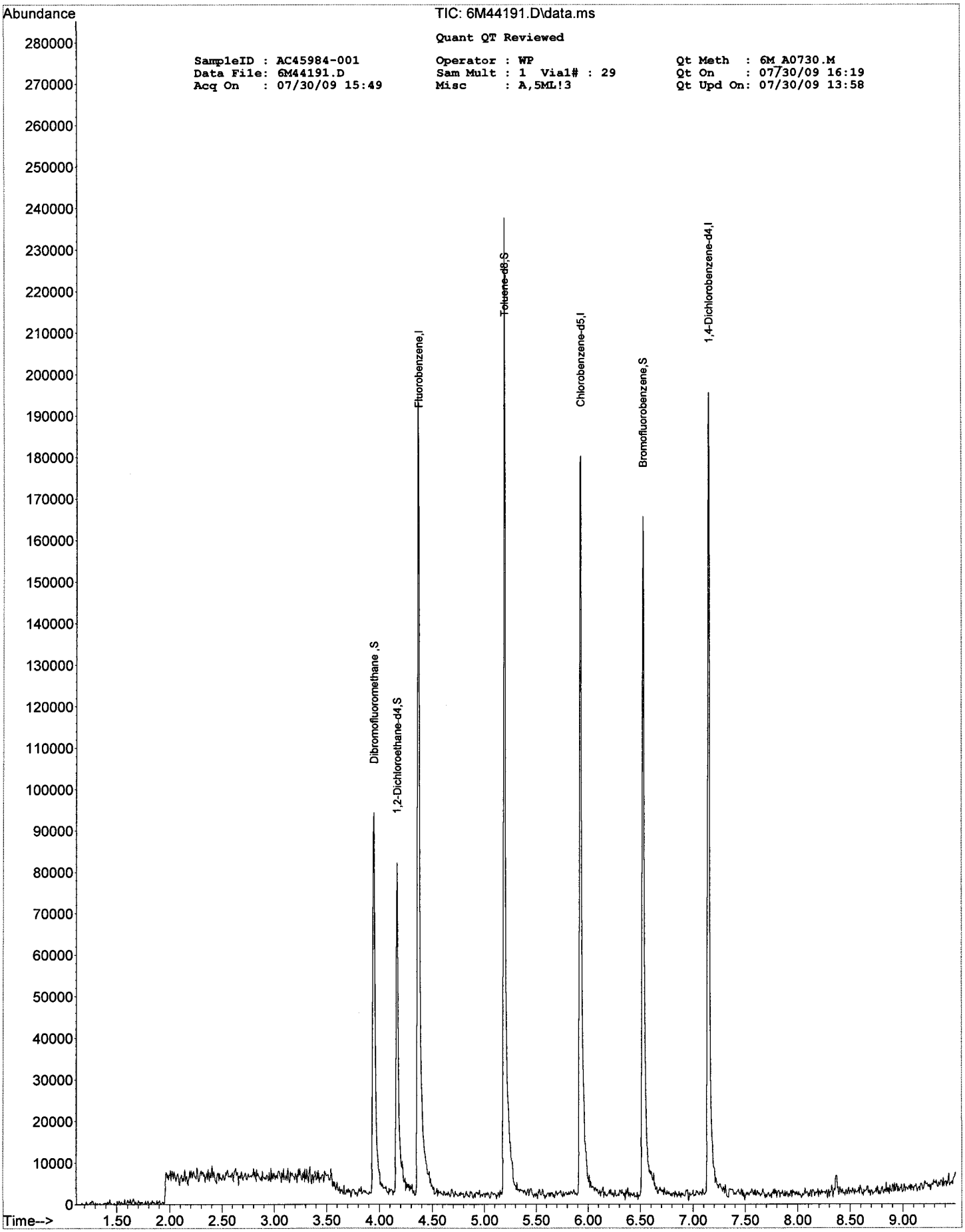
SampleID : AC45984-001 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44191.D Sam Mult : 1 Vial# : 29 Qt On : 07/30/09 16:19
Acq On : 07/30/09 15:49 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 133578 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 91584 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 45641 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 45755 | 31.89 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 106.30% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 23940 | 31.12 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 103.73% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 115949 | 27.57 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 91.90% | | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 47228 | 28.70 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.67% | | | |
| Target Compounds | | | | | | Qvalue |

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

ICV


Abundance
TIC: 6M44191.D\data.ms
Quant QT Reviewed
SampleID : AC45984-001
Data File: 6M44191.D
Acq On : 07/30/09 15:49
Operator : WP
Sam Mult : 1 Via1# : 29
Misc : A,5ML!3
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 16:19
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-002
Client Id: 1-30-185-GP09 (100)
Data File: 6M44253.D
Analysis Date: 07/31/09 11:15
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| **75-34-3** | **1,1-Dichloroethane** | **1.0** | **1.1** | 67-66-3 | Chloroform | 1.0 | U |
| **75-35-4** | **1,1-Dichloroethene** | **1.0** | **13** | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **100** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **56** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 170

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

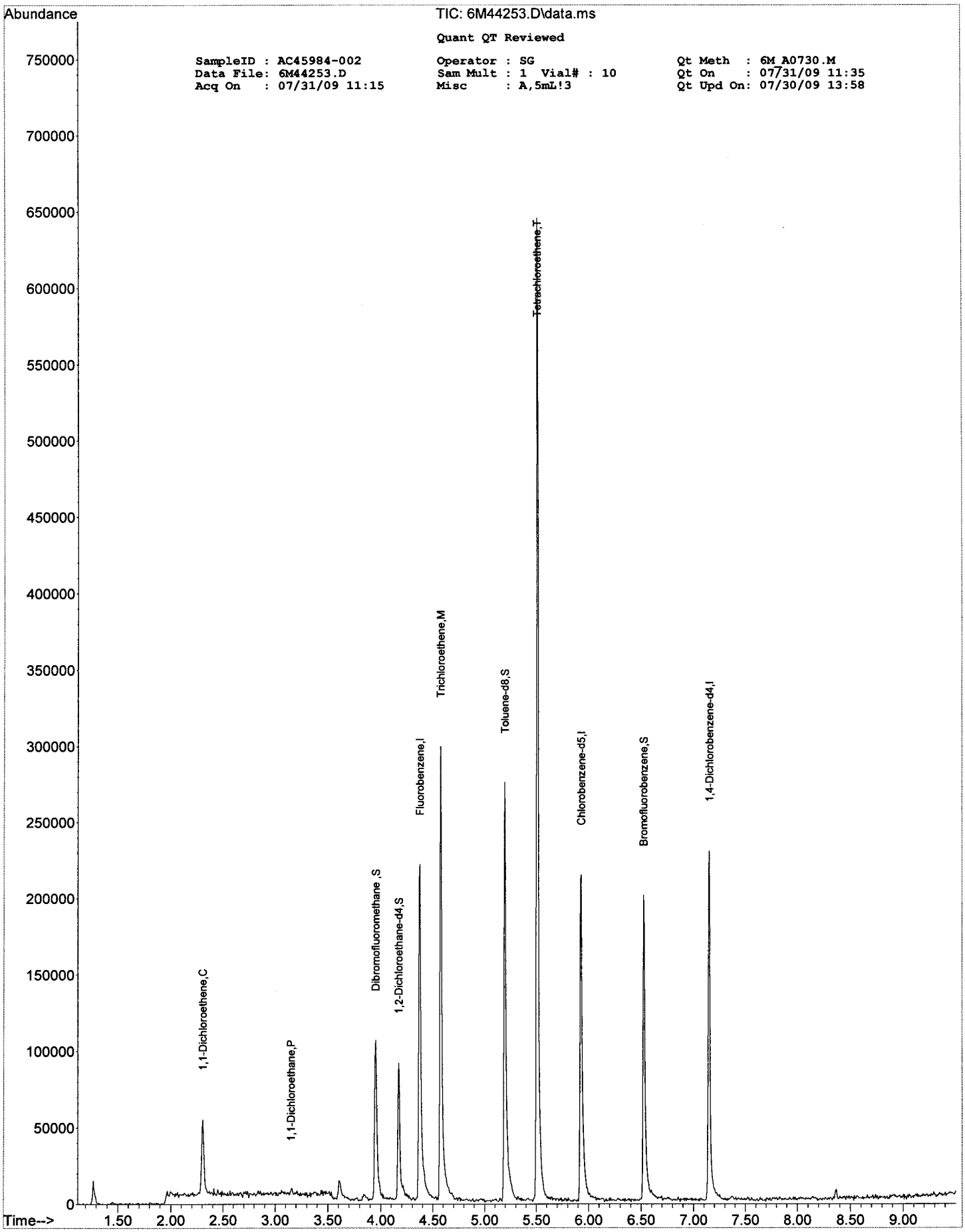
Quantitation Report (QT Reviewed)

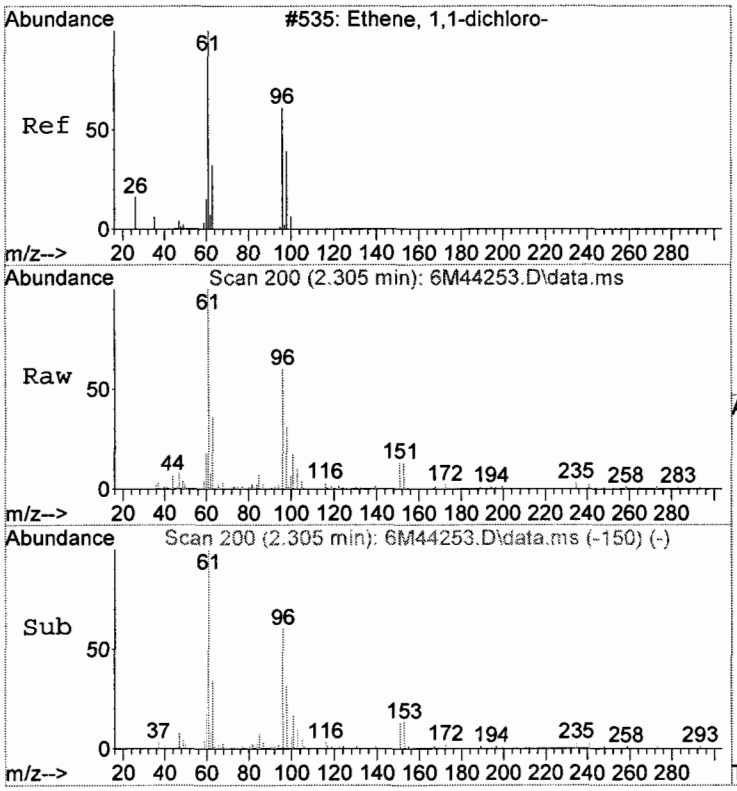
SampleID : AC45984-002 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44253.D Sam Mult : 1 Vial# : 10 Qt On : 07/31/09 11:35
Acq On : 07/31/09 11:15 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 158578 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 100523 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 53813 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 50393 | 29.59 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.63% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 26609 | 29.14 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.13% | | |
| 56) Toluene-d8 | 5.194 | 98 | 136713 | 29.62 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.73% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 54441 | 28.06 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 93.53% | | |
| Target Compounds | | | | | | Qvalue |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 20885 | 12.96 | ug/l | 91 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 2411 | 1.09 | ug/l | 73 |
| 42) Trichloroethene | 4.574 | 130 | 78986 | 55.93 | ug/l | 92 |
| 55) Tetrachloroethene | 5.507 | 164 | 115333 | 104.08 | ug/l | 97 |

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

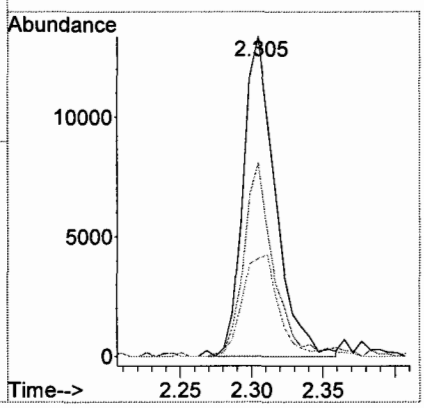

Abundance
TIC: 6M44253.D\data.ms
Quant QT Reviewed
SampleID : AC45984-002
Data File: 6M44253.D
Acq On : 07/31/09 11:15
Operator : SG
Sam Mult : 1 Vial# : 10
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 11:35
Qt Upd On: 07/30/09 13:58
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
1,1-Dichloroethene,C
1,1-Dichloroethane,P
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50
9.00

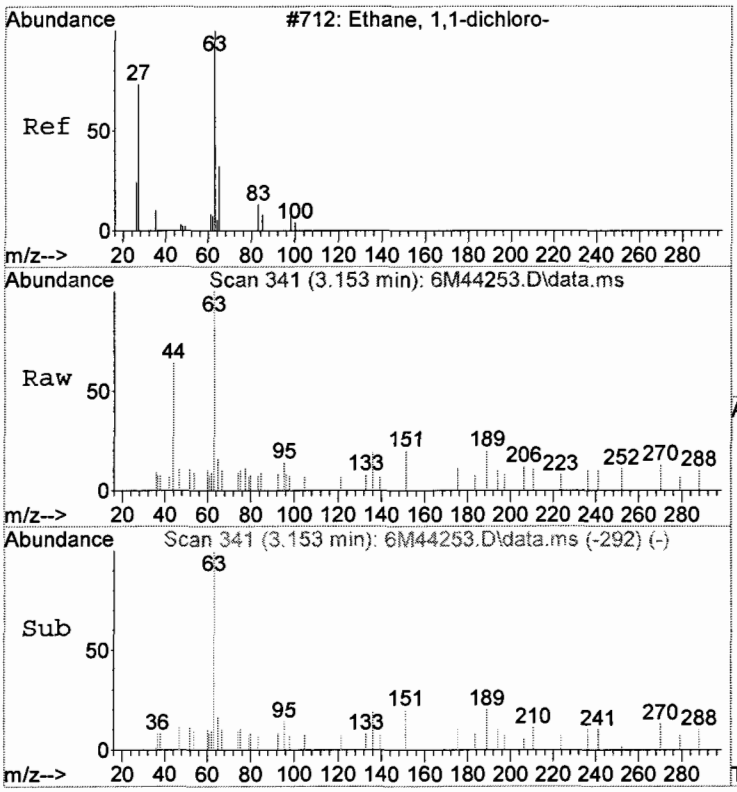



#19
1,1-Dichloroethene
Concen: 12.96 ug/l
RT: 2.305 min Scan# 200
Delta R.T. -0.000 min
Lab File: 6M44253.D
Acq: 31 Jul 2009 11:15

Tgt Ion: 61 Resp: 20885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 60.4 | 10.3 | 90.3 |
| 98 | 30.6 | 0.0 | 70.8 |

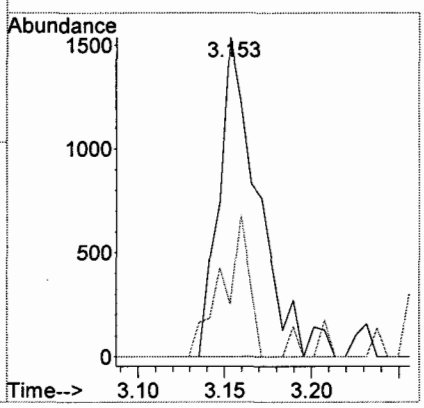


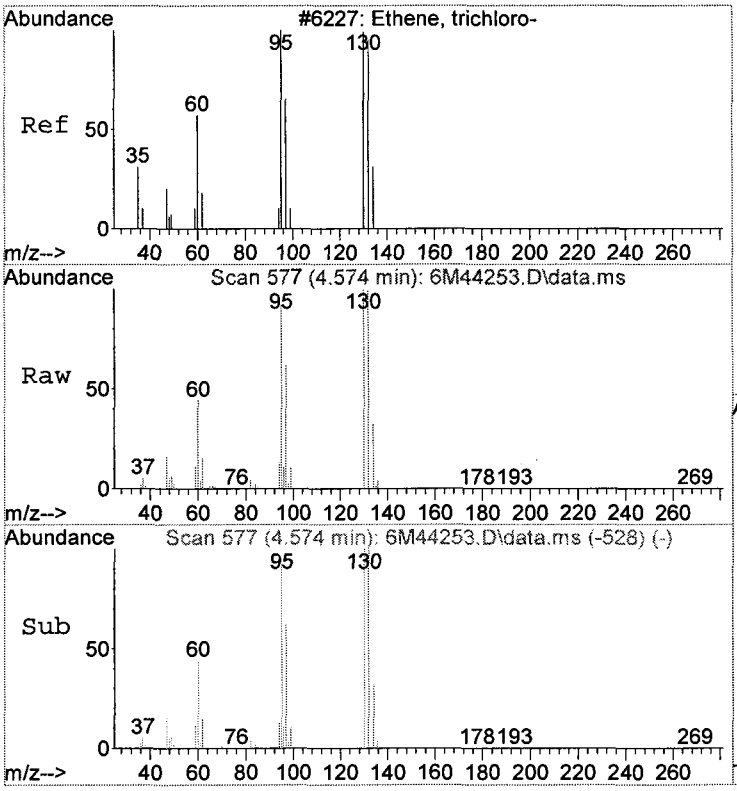




#22
1,1-Dichloroethane
Concen: 1.09 ug/l
RT: 3.153 min Scan# 341
Delta R.T. -0.006 min
Lab File: 6M44253.D
Acq: 31 Jul 2009 11:15

Tgt Ion: 63 Resp: 2411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 16.4 | 0.0 | 71.3 |

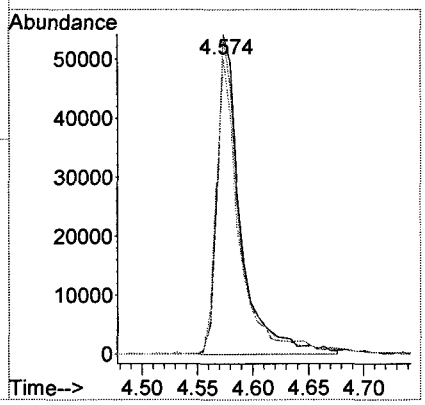


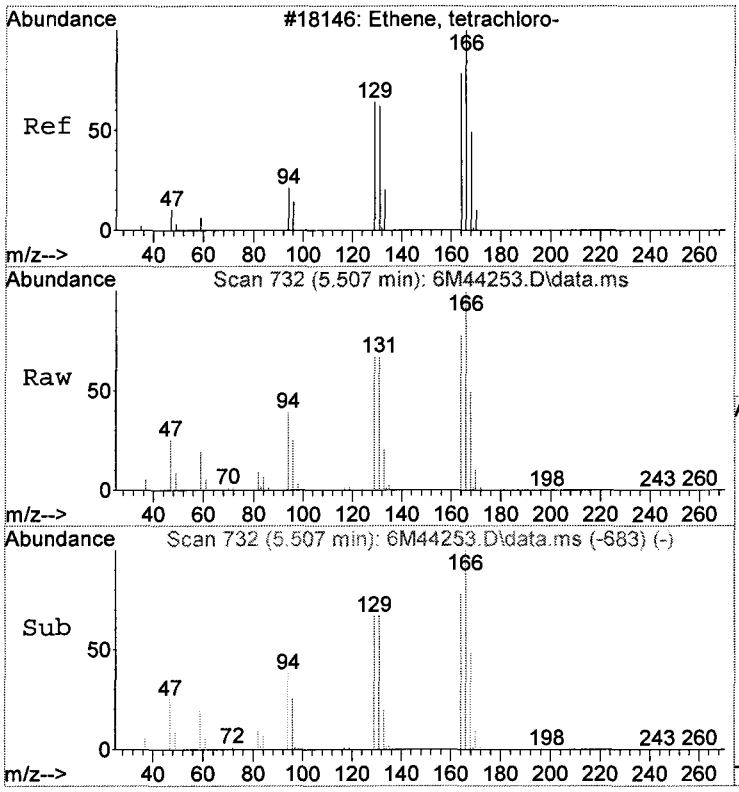



#42
Trichloroethene
Concen: 55.93 ug/l
RT: 4.574 min Scan# 577
Delta R.T. -0.005 min
Lab File: 6M44253.D
Acq: 31 Jul 2009 11:15

Tgt Ion:130 Resp: 78986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 132 | 99.5 | 49.5 | 129.5 |
| 95 | 91.9 | 57.8 | 137.8 |

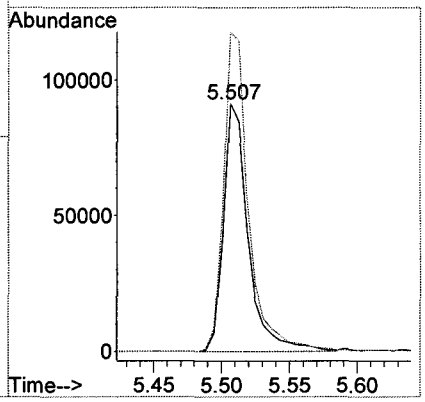



#55
Tetrachloroethene
Concen: 104.08 ug/l
RT: 5.507 min Scan# 732
Delta R.T. -0.006 min
Lab File: 6M44253.D
Acq: 31 Jul 2009 11:15

Tgt Ion:164 Resp: 115333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.9 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-003
Client Id: 1-30-185-GP09 (85)
Data File: 6M44258.D
Analysis Date: 07/31/09 12:34
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **4.9** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **1.5** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 6.4

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

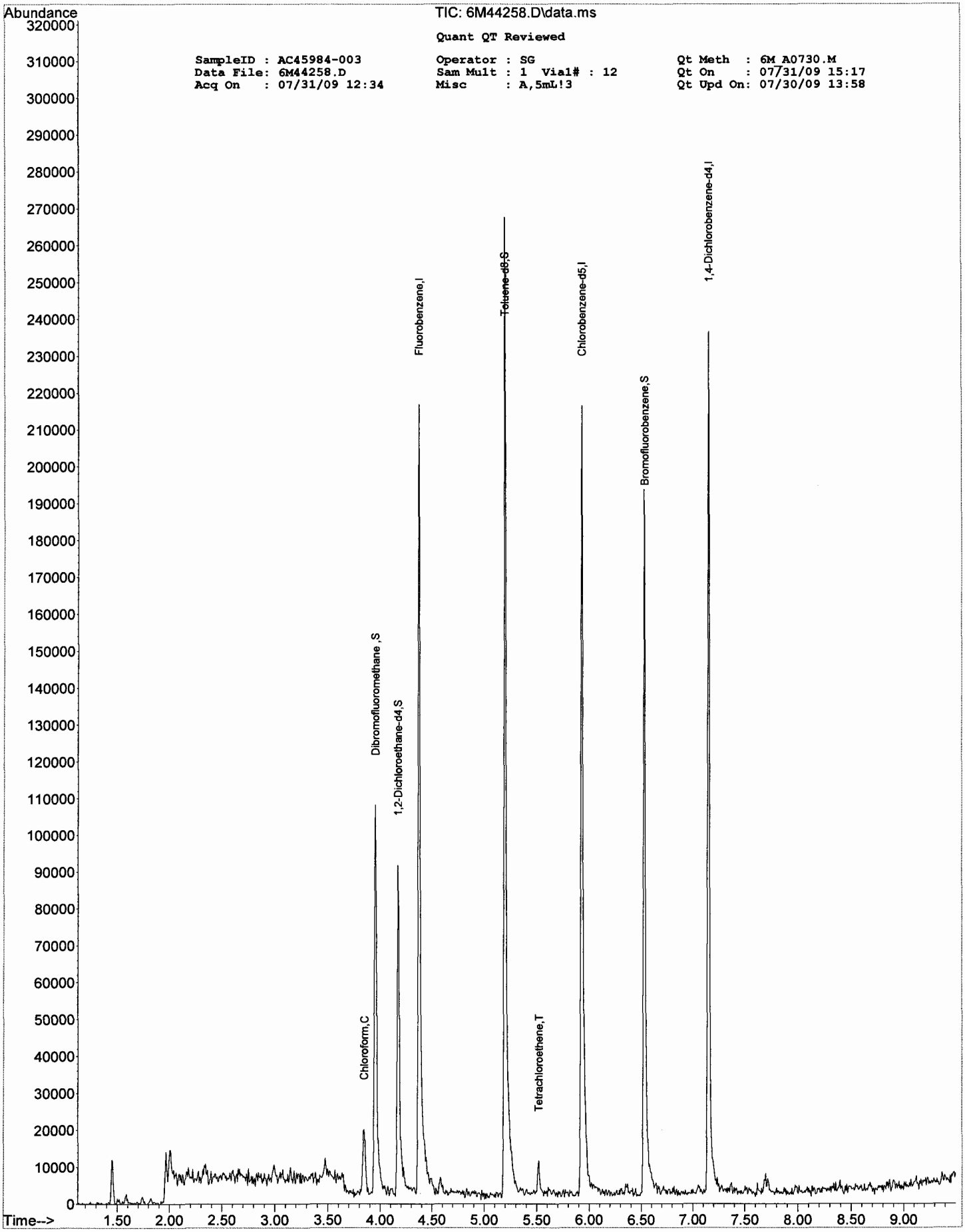
Quantitation Report (QT Reviewed)

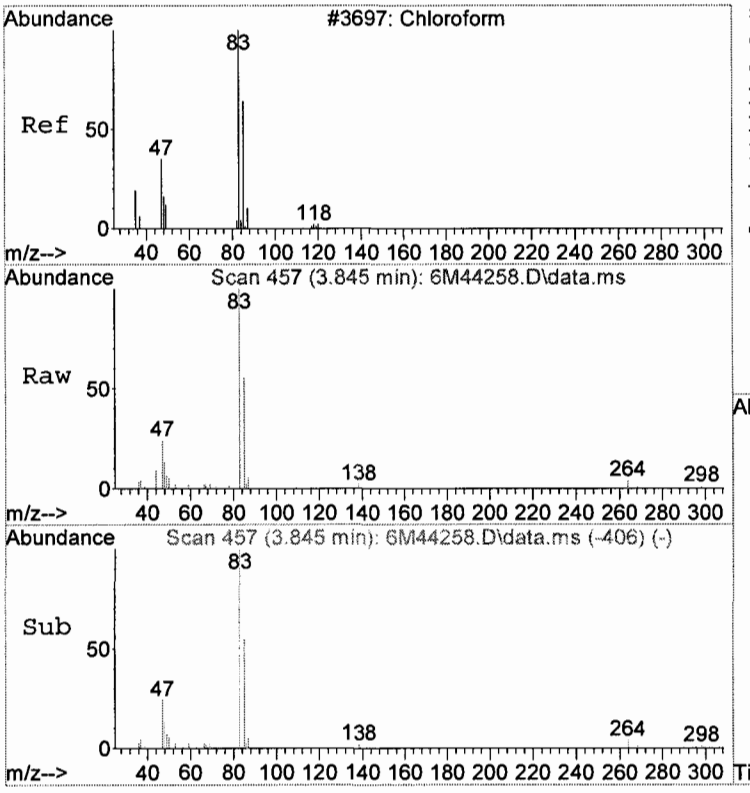
SampleID : AC45984-003 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44258.D Sam Mult : 1 Vial# : 12 Qt On : 07/31/09 15:17
Acq On : 07/31/09 12:34 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 145212 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 99579 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 50342 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 50011 | 32.07 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 106.90% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26575 | 31.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 105.93% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 135438 | 29.62 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.73% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 52807 | 29.10 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.00% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.845 | 83 | 12219 | 4.95 | ug/l | 76 |
| 55) Tetrachloroethene | 5.518 | 164 | 1616 | 1.47 | ug/l | 65 |

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

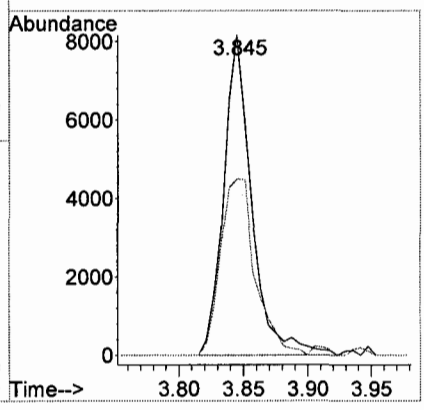

Abundance
TIC: 6M44258.D\data.ms
Quant QT Reviewed
SampleID : AC45984-003
Data File: 6M44258.D
Acq On : 07/31/09 12:34
Operator : SG
Sam Mult : 1 Vial# : 12
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:17
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

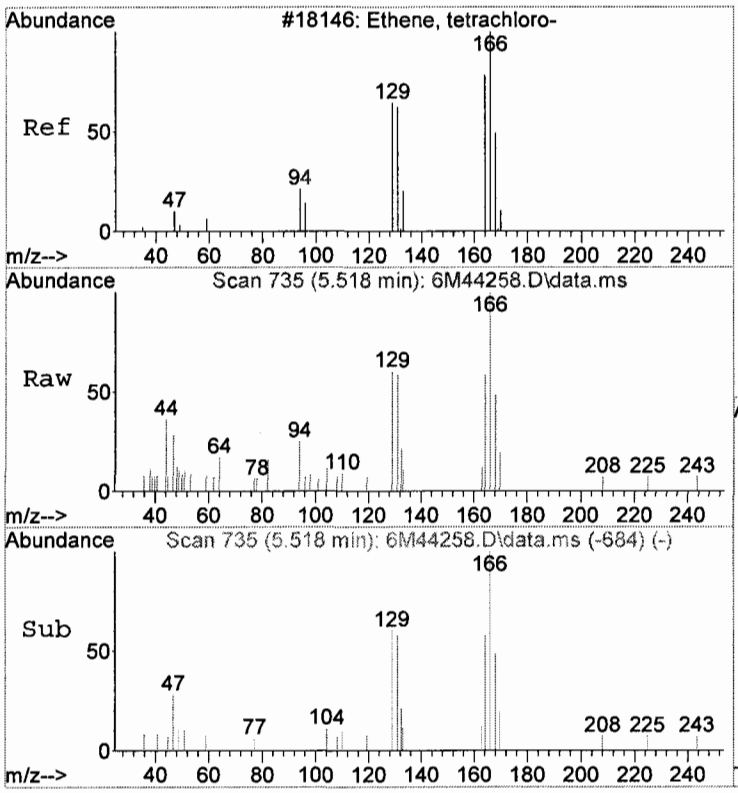



#29
Chloroform
Concen: 4.95 ug/l
RT: 3.845 min Scan# 457
Delta R.T. 0.006 min
Lab File: 6M44258.D
Acq: 31 Jul 2009 12:34

Tgt Ion: 83 Resp: 12219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 55.1 | 36.0 | 116.0 |

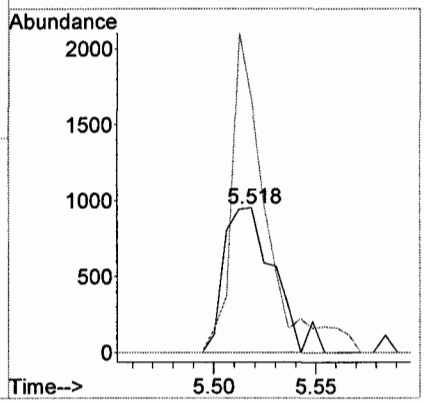



#55
Tetrachloroethene
Concen: 1.47 ug/l
RT: 5.518 min Scan# 735
Delta R.T. 0.006 min
Lab File: 6M44258.D
Acq: 31 Jul 2009 12:34

Tgt Ion:164 Resp: 1616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 173.3 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-004
Client Id: 1-30-185-GP09 (70)
Data File: 6M44259.D
Analysis Date: 07/31/09 12:50
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| **75-35-4** | **1,1-Dichloroethene** | **1.0** | **2.0** | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **31** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **8.5** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 42

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

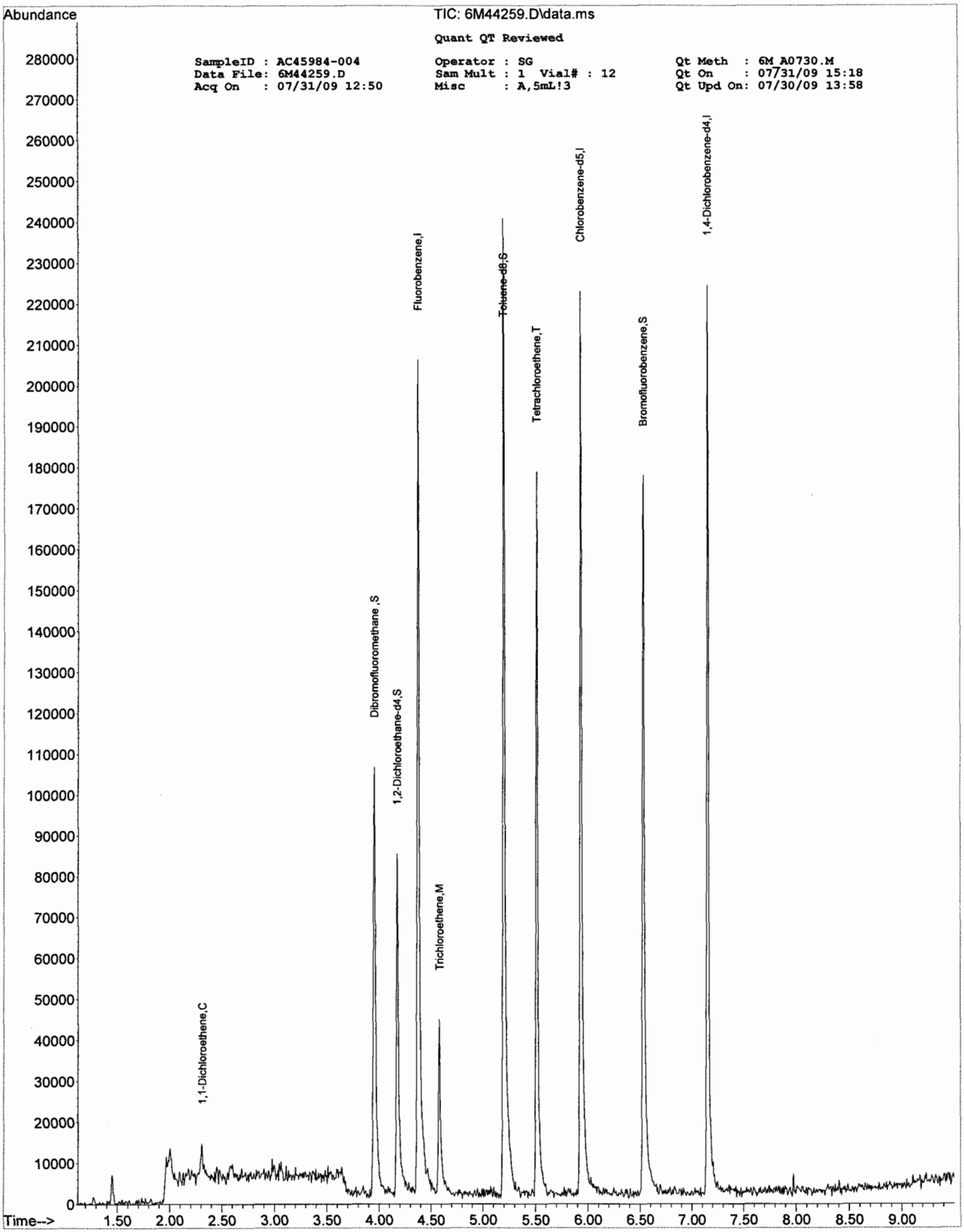
Quantitation Report (QT Reviewed)

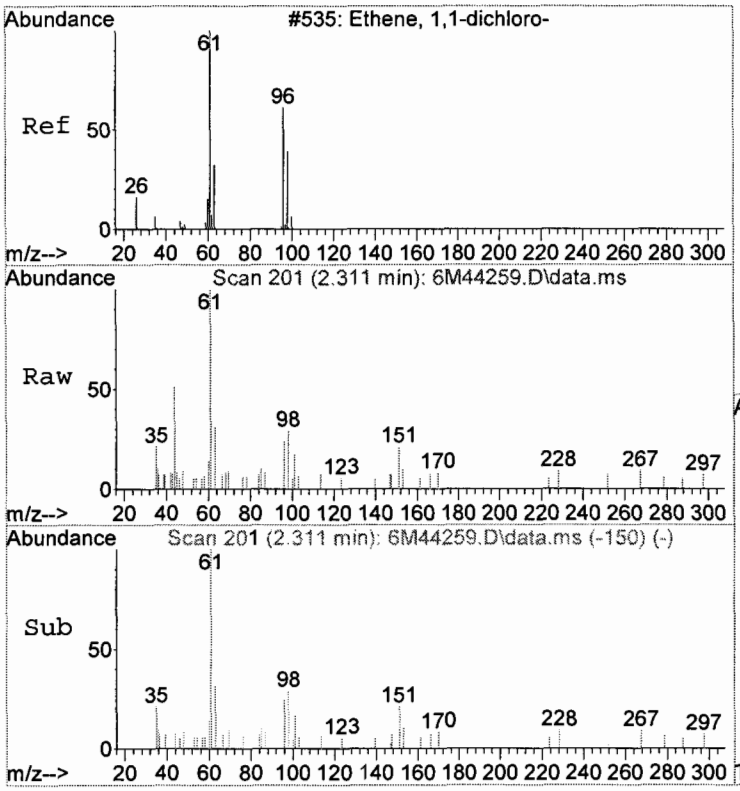
SampleID : AC45984-004 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44259.D Sam Mult : 1 Vial# : 12 Qt On : 07/31/09 15:18
Acq On : 07/31/09 12:50 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 147137 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 97577 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 48954 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 47768 | 30.23 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.77% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25578 | 30.19 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.63% | | |
| 56) Toluene-d8 | 5.194 | 98 | 127828 | 28.53 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 95.10% | | |
| 64) Bromofluorobenzene | 6.530 | 174 | 49691 | 28.16 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 93.87% | | |
| Target Compounds | | | | | | Qvalue |
| 19) 1,1-Dichloroethene | 2.311 | 61 | 2980 | 1.99 | ug/l | 75 |
| 42) Trichloroethene | 4.580 | 130 | 11137 | 8.50 | ug/l | 90 |
| 55) Tetrachloroethene | 5.513 | 164 | 32846 | 30.54 | ug/l | 83 |

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

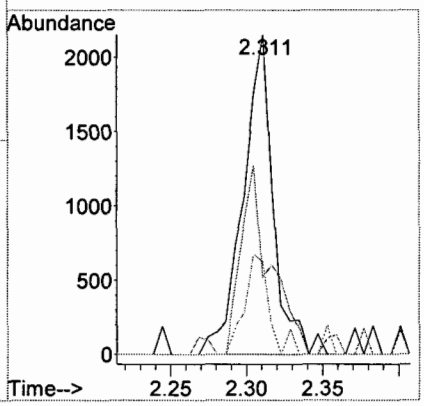

Abundance
TIC: 6M44259.D\data.ms
Quant QT Reviewed
SampleID : AC45984-004
Data File: 6M44259.D
Acq On : 07/31/09 12:50
Operator : SG
Sam Mult : 1 Vial# : 12
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:18
Qt Upd On: 07/30/09 13:58
1,1-Dichloroethene,C
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

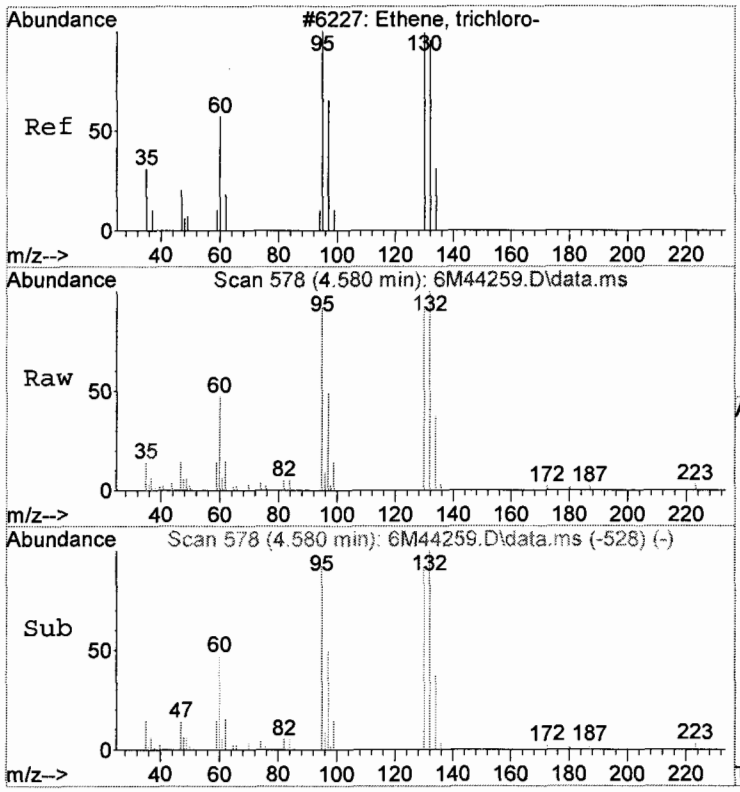



#19
1,1-Dichloroethene
Concen: 1.99 ug/l
RT: 2.311 min Scan# 201
Delta R.T. 0.006 min
Lab File: 6M44259.D
Acq: 31 Jul 2009 12:50

Tgt Ion: 61 Resp: 2980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 24.3 | 10.3 | 90.3 |
| 98 | 29.0 | 0.0 | 70.8 |

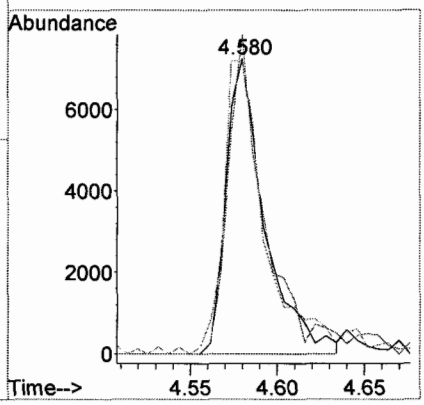


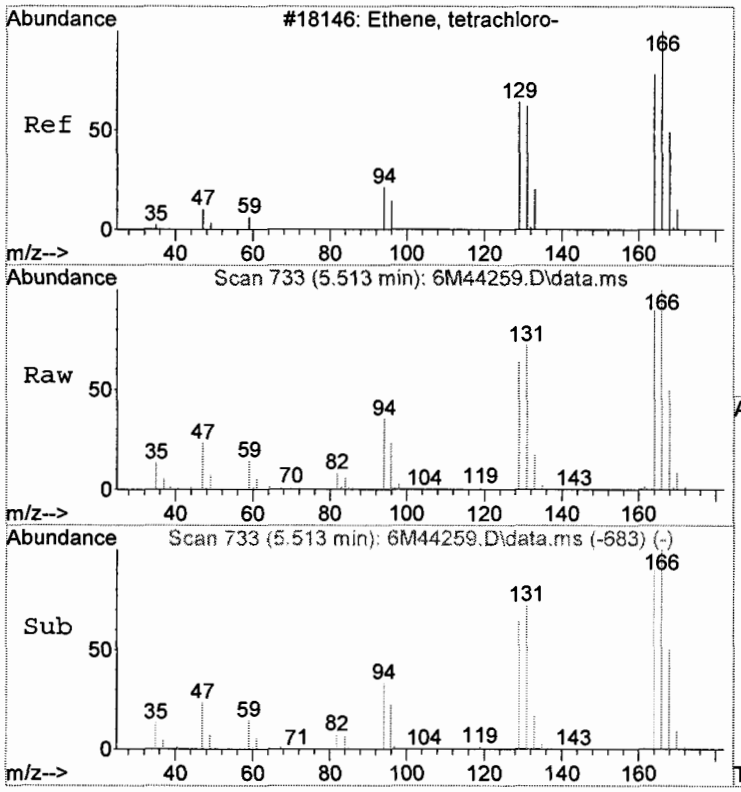




#42
Trichloroethene
Concen: 8.50 ug/l
RT: 4.580 min Scan# 578
Delta R.T. 0.001 min
Lab File: 6M44259.D
Acq: 31 Jul 2009 12:50

Tgt Ion:130 Resp: 11137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 132 | 108.1 | 49.5 | 129.5 |
| 95 | 99.2 | 57.8 | 137.8 |

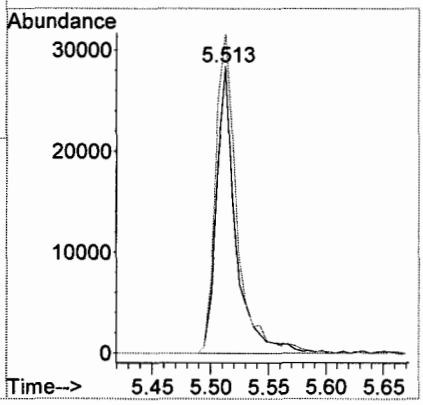





#55
Tetrachloroethene
Concen: 30.54 ug/l
RT: 5.513 min Scan# 733
Delta R.T. -0.000 min
Lab File: 6M44259.D
Acq: 31 Jul 2009 12:50

Tgt Ion:164 Resp: 32846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 111.5 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-005
Client Id: 1-30-185-GP09 (55)
Data File: 6M44275.D
Analysis Date: 07/31/09 17:04
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **3.1** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | **79-01-6** | **Trichloroethene** | **1.0** | **1.0** |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 4.1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

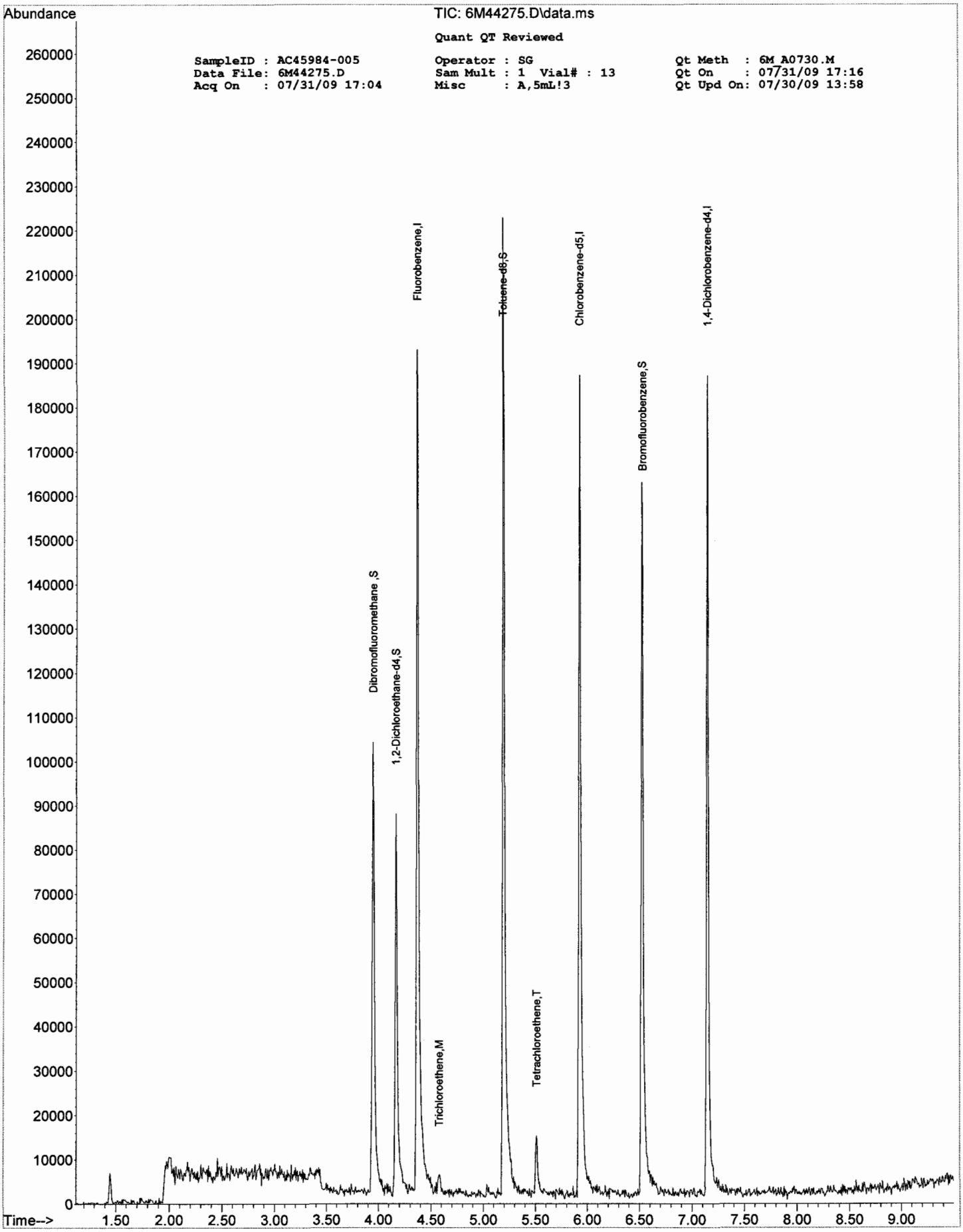
Quantitation Report (QT Reviewed)

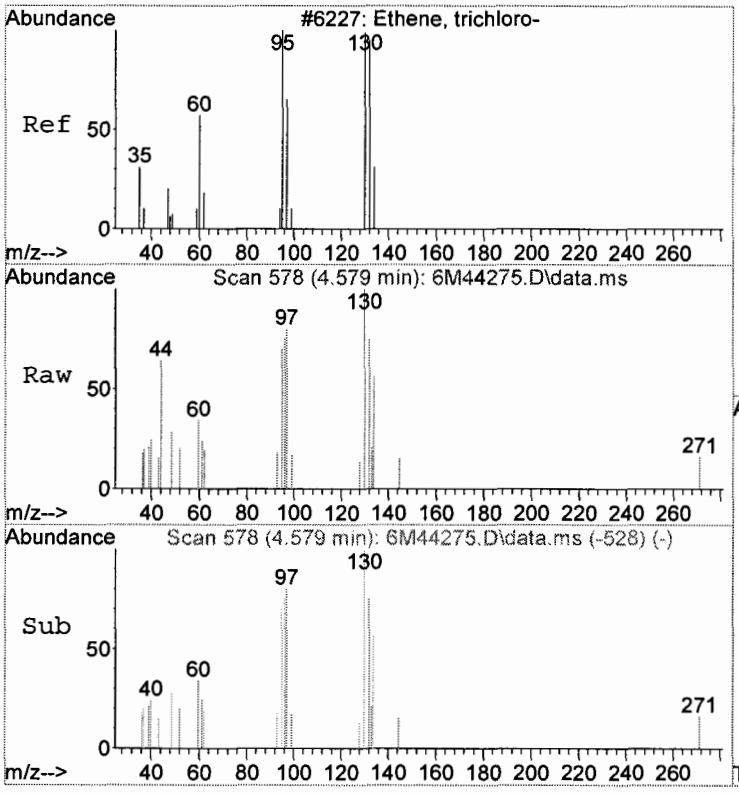
SampleID : AC45984-005 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44275.D Sam Mult : 1 Vial# : 13 Qt On : 07/31/09 17:16
Acq On : 07/31/09 17:04 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 137934 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 86335 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 45771 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49322 | 33.29 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 110.97% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24177 | 30.44 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 101.47% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 114107 | 28.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.93% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 47714 | 28.92 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 96.40% | | | |
| Target Compounds | | | | | | Qvalue |
| 42) Trichloroethene | 4.579 | 130 | 1266 | 1.03 | ug/l | 78 |
| 55) Tetrachloroethene | 5.512 | 164 | 2929 | 3.08 | ug/l | 63 |

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

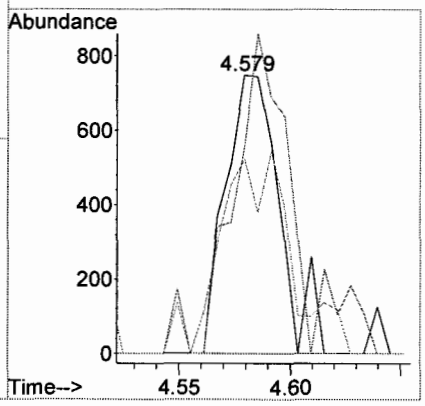

Abundance
TIC: 6M44275.D\data.ms
Quant QT Reviewed
SampleID : AC45984-005
Data File: 6M44275.D
Acq On : 07/31/09 17:04
Operator : SG
Sam Mult : 1 Vial# : 13
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 17:16
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

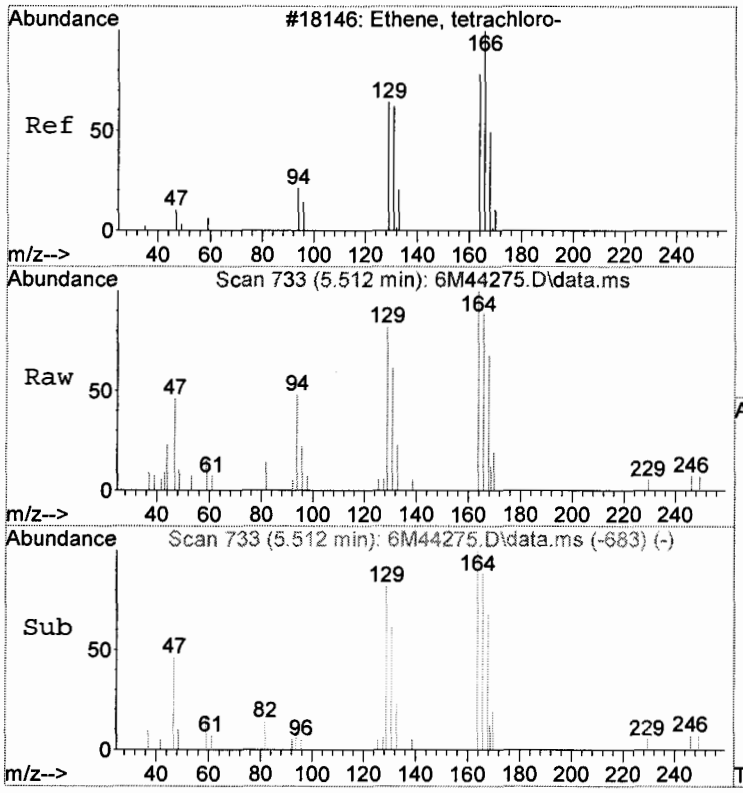



#42
Trichloroethene
Concen: 1.03 ug/l
RT: 4.579 min Scan# 578
Delta R.T. 0.000 min
Lab File: 6M44275.D
Acq: 31 Jul 2009 17:04

Tgt Ion:130 Resp: 1266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 132 | 74.9 | 49.5 | 129.5 |
| 95 | 69.9 | 57.8 | 137.8 |

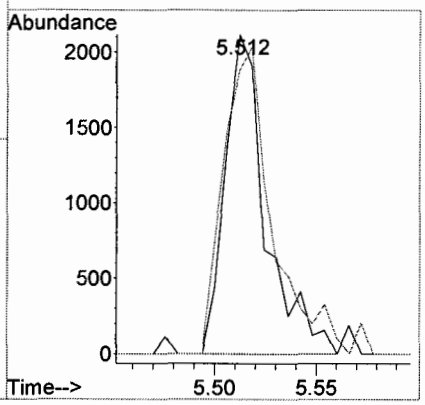



#55
Tetrachloroethene
Concen: 3.08 ug/l
RT: 5.512 min Scan# 733
Delta R.T. -0.001 min
Lab File: 6M44275.D
Acq: 31 Jul 2009 17:04

Tgt Ion:164 Resp: 2929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 88.8 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-006
Client Id: 1-30-185-GP09 (40)
Data File: 6M44190.D
Analysis Date: 07/30/09 15:33
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **2.0** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

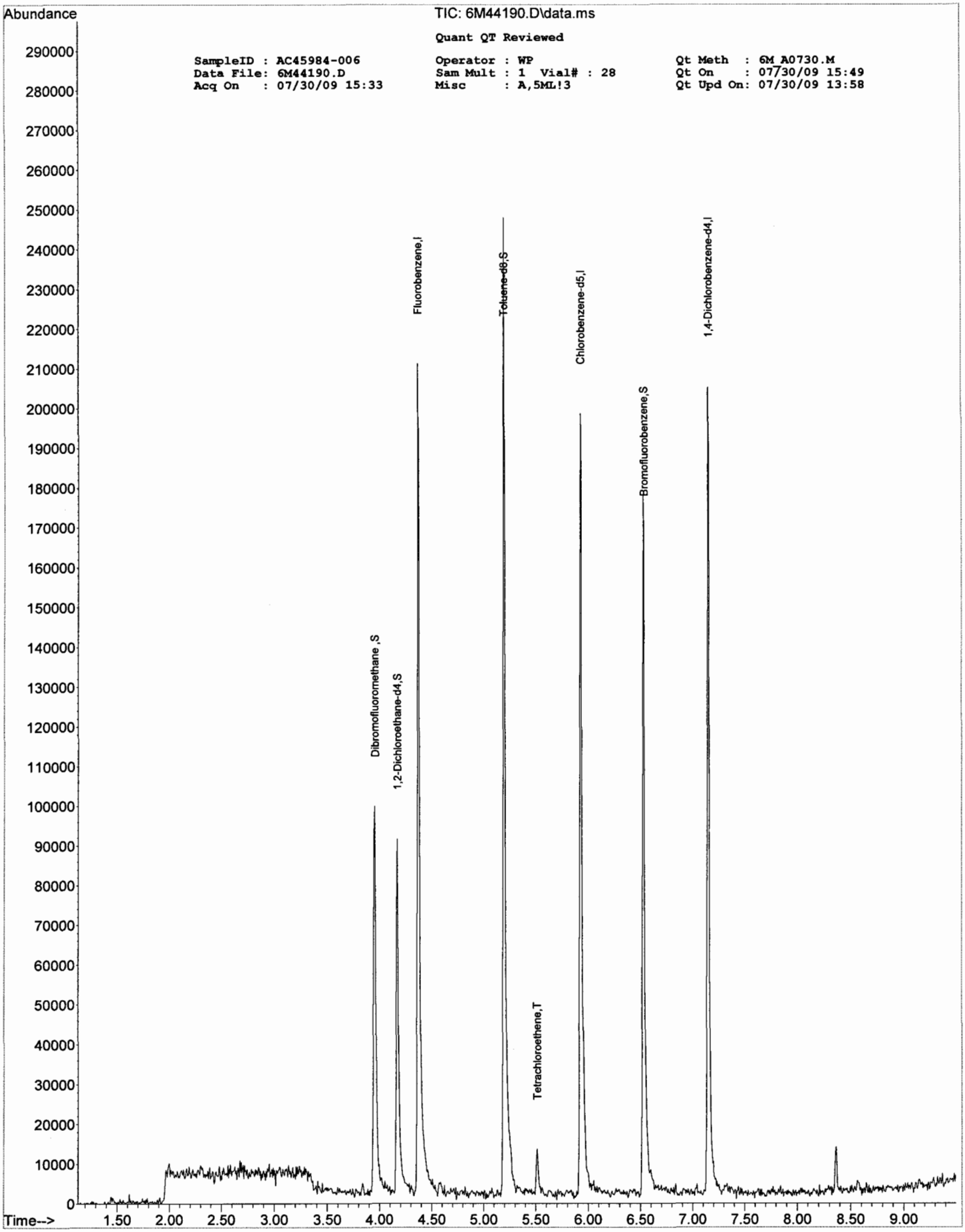
Quantitation Report (QT Reviewed)

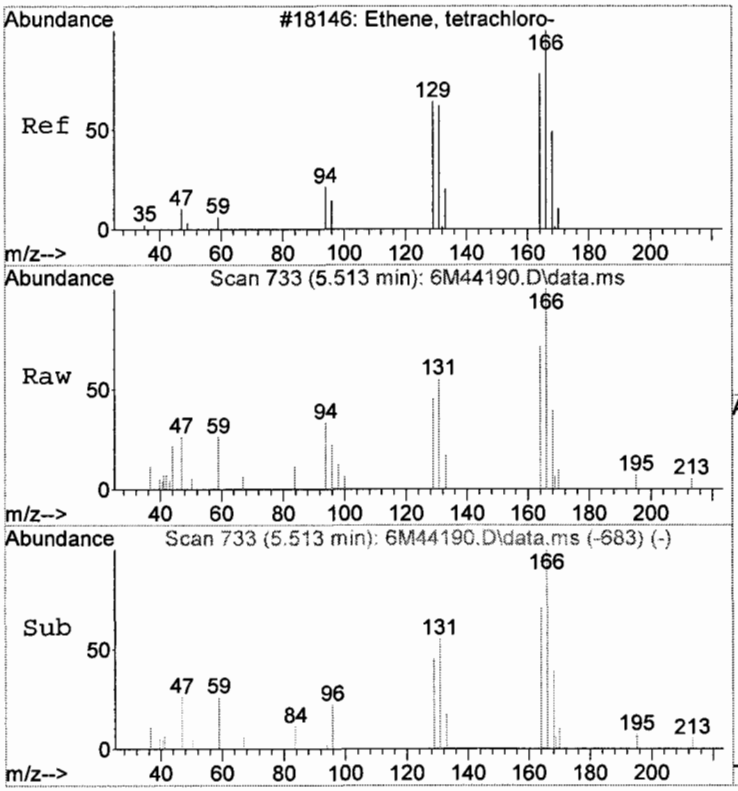
SampleID : AC45984-006 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44190.D Sam Mult : 1 Vial# : 28 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:33 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 145220 | 30.00 | ug/1 | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 95850 | 30.00 | ug/1 | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 48948 | 30.00 | ug/1 | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 50122 | 32.14 | ug/1 | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.13% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26655 | 31.87 | ug/1 | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.23% | | |
| 56) Toluene-d8 | 5.194 | 98 | 132001 | 29.99 | ug/1 | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.97% | | |
| 64) Bromofluorobenzene | 6.530 | 174 | 51339 | 29.09 | ug/1 | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.97% | | |
| Target Compounds | | | | | | Qvalue |
| 55) Tetrachloroethene | 5.513 | 164 | 2124 | 2.01 | ug/1 | 92 |

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

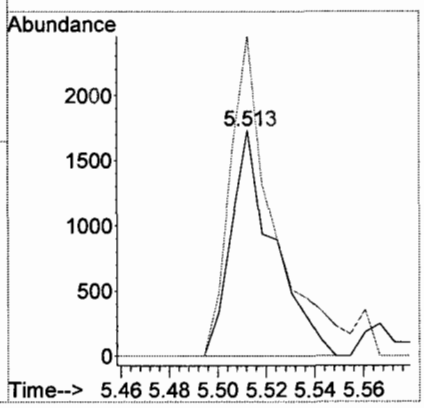

Abundance
TIC: 6M44190.D\data.ms
Quant QT Reviewed
SampleID : AC45984-006
Data File: 6M44190.D
Acq On : 07/30/09 15:33
Operator : WP
Sam Mult : 1 Vial# : 28
Misc : A,5ML!3
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 15:49
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#55
Tetrachloroethene
Concen: 2.01 ug/l
RT: 5.513 min Scan# 733
Delta R.T. -0.000 min
Lab File: 6M44190.D
Acq: 30 Jul 2009 15:33

Tgt Ion:164 Resp: 2124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 141.5 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-007(MS:AC45
Client Id: 1-30-185-GP09 (40) MS
Data File: 6M44188.D
Analysis Date: 07/30/09 15:02
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | 24 | 75-15-0 | Carbon Disulfide | 1.0 | 22 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | 17 | 56-23-5 | Carbon Tetrachloride | 1.0 | 25 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-triflu | 1.0 | 24 | 108-90-7 | Chlorobenzene | 1.0 | 21 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | 19 | 75-00-3 | Chloroethane | 1.0 | 19 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | 22 | 67-66-3 | Chloroform | 1.0 | 21 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 21 | 74-87-3 | Chloromethane | 1.0 | 19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | 17 | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | 22 |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | 17 | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | 16 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | 16 | 110-82-7 | Cyclohexane | 1.0 | 21 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | 19 | 124-48-1 | Dibromochloromethane | 1.0 | 19 |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 1.0 | 18 | 75-71-8 | Dichlorodifluoromethane | 1.0 | 17 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | 19 | 100-41-4 | Ethylbenzene | 1.0 | 18 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | 19 | 98-82-8 | Isopropylbenzene | 1.0 | 16 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | 21 | 136777612 | m&p-Xylenes | 1.0 | 45 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | 21 | 79-20-9 | Methyl Acetate | 1.0 | 20 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | 19 | 108-87-2 | Methylcyclohexane | 1.0 | 20 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | 19 | 75-09-2 | Methylene Chloride | 1.0 | 23 |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | 20 | 1634-04-4 | Methyl-t-butyl ether | 0.50 | 19 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | 17 | 104-51-8 | n-Butylbenzene | 1.0 | 18 |
| 123-91-1 | 1,4-Dioxane | 50 | 910 | 103-65-1 | n-Propylbenzene | 1.0 | 18 |
| 78-93-3 | 2-Butanone | 1.0 | 15 | 95-47-6 | o-Xylene | 1.0 | 22 |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | 17 |
| 591-78-6 | 2-Hexanone | 5.0 | 14 | 100-42-5 | Styrene | 1.0 | 21 |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | 20 | 75-65-0 | t-Butyl Alcohol | 5.0 | 80 |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | 15 | 98-06-6 | t-Butylbenzene | 1.0 | 17 |
| 67-64-1 | Acetone | 5.0 | 85 | 127-18-4 | Tetrachloroethene | 1.0 | 27 |
| 107-02-8 | Acrolein | 5.0 | 110 | 108-88-3 | Toluene | 1.0 | 22 |
| 107-13-1 | Acrylonitrile | 1.0 | 19 | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | 22 |
| 71-43-2 | Benzene | 0.50 | 22 | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | 15 |
| 74-97-5 | Bromochloromethane | 1.0 | 19 | 79-01-6 | Trichloroethene | 1.0 | 22 |
| 75-27-4 | Bromodichloromethane | 1.0 | 18 | 75-69-4 | Trichlorofluoromethane | 1.0 | 23 |
| 75-25-2 | Bromoform | 1.0 | 15 | 75-01-4 | Vinyl Chloride | 1.0 | 16 |
| 74-83-9 | Bromomethane | 1.0 | 18 | 1330-20-7 | Xylenes (Total) | 1 | 67 |

Worksheet #: 125219

***Total Target Concentration*** 2400

*U - Indicates the compound was analyzed but not detected.*
*B - Indicates the analyte was found in the blank as well as in the sample.*
*E - Indicates the analyte concentration exceeds the calibration range of the instrument.*
*R - Retention Time Out*
*J - Indicates an estimated value when a compound is detected at less than the specified detection limit.*
*d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.*

Quantitation Report (QT Reviewed)

SampleID : AC45984-007(MS:AC45 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44188.D Sam Mult : 1 Vial# : 26 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:02 Misc : A,5ML!1 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 146877 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 94034 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.142 | 152 | 59266 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 49367 | 31.29 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.30% | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 23444 | 27.72 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.40% | | |
| 56) Toluene-d8 | 5.192 | 98 | 132855 | 30.77 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.57% | | |
| 64) Bromofluorobenzene | 6.522 | 174 | 60585 | 28.36 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.53% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 68914 | 27.39 | ug/l | 68 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 24553 | 17.37 | ug/l | 84 |
| 4) Chloromethane | 1.390 | 50 | 26495 | 18.79 | ug/l | 79 |
| 5) Bromomethane | 1.690 | 94 | 18690 | 18.46 | ug/l | 88 |
| 6) Vinyl Chloride | 1.459 | 62 | 22550 | 15.94 | ug/l | 83 |
| 7) Chloroethane | 1.759 | 64 | 14398 | 19.49 | ug/l | 99 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 39530 | 22.87 | ug/l | 86 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.297 | 101 | 21172 | 23.86 | ug/l | 96 |
| 10) Methylene Chloride | 2.641 | 84 | 21286 | 22.95 | ug/l | 59 |
| 11) Acrolein | 2.225 | 56 | 17061 | 107.80 | ug/l | 91 |
| 12) Acrylonitrile | 2.815 | 53 | 6723 | 19.15 | ug/l | 89 |
| 13) Iodomethane | 2.412 | 142 | 42120 | 19.37 | ug/l | 98 |
| 14) Acetone | 2.322 | 43 | 34610 | 85.19 | ug/l | 89 |
| 15) Carbon Disulfide | 2.472 | 76 | 61106 | 22.47 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 7344 | 79.63 | ug/l | 85 |
| 17) n-Hexane | 3.056 | 57 | 14790 | 23.57 | ug/l | 88 |
| 18) Di-isopropyl-ether | 3.206 | 45 | 89441 | 19.34 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 30925 | 20.71 | ug/l | 95 |
| 20) Methyl Acetate | 2.562 | 43 | 20428 | 19.86 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.845 | 73 | 57914 | 19.09 | ug/l | 96 |
| 22) 1,1-Dichloroethane | 3.152 | 63 | 45358 | 22.07 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.845 | 96 | 19272 | 21.96 | ug/l | 93 |
| 24) cis-1,2-Dichloroethene | 3.603 | 61 | 42622 | 22.50 | ug/l | 96 |
| 25) Bromochloromethane | 3.784 | 49 | 20026 | 19.37 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 3.603 | 77 | 39336 | 27.14 | ug/l | 92 |
| 27) 1,4-Dioxane | 4.753 | 88 | 13792 | 912.46 | ug/l | 96 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 34098 | 22.69 | ug/l | 95 |
| 29) Chloroform | 3.838 | 83 | 53068 | 21.25 | ug/l | 87 |
| 31) Cyclohexane | 4.019 | 56 | 33698 | 20.80 | ug/l | 95 |
| 33) 1,2-Dichloroethane | 4.211 | 62 | 42692 | 21.42 | ug/l | 88 |
| 34) 2-Butanone | 3.616 | 43 | 9706 | 14.59 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 48370 | 23.97 | ug/l | 99 |
| 36) Carbon Tetrachloride | 4.091 | 117 | 43570 | 24.62 | ug/l | 87 |
| 37) Vinyl Acetate | 3.200 | 43 | 76318 | 17.93 | ug/l | 100 |
| 38) Bromodichloromethane | 4.825 | 83 | 38048 | 18.47 | ug/l | 93 |
| 39) Methylcyclohexane | 4.681 | 83 | 19941 | 19.94 | ug/l | 94 |
| 40) Dibromomethane | 4.753 | 174 | 28175 | 20.78 | ug/l | 83 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 26694 | 21.24 | ug/l | 98 |
| 42) Trichloroethene | 4.578 | 130 | 28604 | 21.87 | ug/l | 88 |
| 43) Benzene | 4.211 | 78 | 99691 | 22.36 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 51823 | 15.71 | ug/l | 91 |
| 46) Dibromochloromethane | 5.626 | 129 | 28755 | 18.59 | ug/l | 90 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 30789 | 15.70 | ug/l | 88 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 28220 | 15.03 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.415 | 97 | 21220 | 18.63 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.698 | 107 | 23007 | 18.82 | ug/l | 90 |
| 52) 1,3-Dichloropropane | 5.505 | 76 | 35790 | 20.49 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.120 | 43 | 21307 | 14.72 | ug/l | 93 |
| 54) 2-Hexanone | 5.541 | 43 | 13532 | 14.12 | ug/l | 90 |
| 55) Tetrachloroethene | 5.505 | 164 | 27767 | 26.79 | ug/l | 78 |
| 57) Toluene | 5.228 | 92 | 56922 | 22.45 | ug/l | 85 |
| 58) 1,1,1,2-Tetrachloroethane | 5.969 | 133 | 26160 | 21.08 | ug/l | 79 |
| 59) Chlorobenzene | 5.939 | 112 | 63542 | 20.53 | ug/l | 98 |
| 61) Bromoform | 6.360 | 173 | 22850 | 15.05 | ug/l | 89 |
| 62) Ethylbenzene | 5.987 | 106 | 23840 | 17.59 | ug/l | 93 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 29939 | 17.45 | ug/l | 92 |
| 65) Styrene | 6.252 | 104 | 64017 | 20.65 | ug/l | 97 |
| 66) m&p-Xylenes | 6.041 | 106 | 71442 | 44.89 | ug/l | 90 |
| 67) o-Xylene | 6.252 | 106 | 35514 | 21.82 | ug/l | 78 |

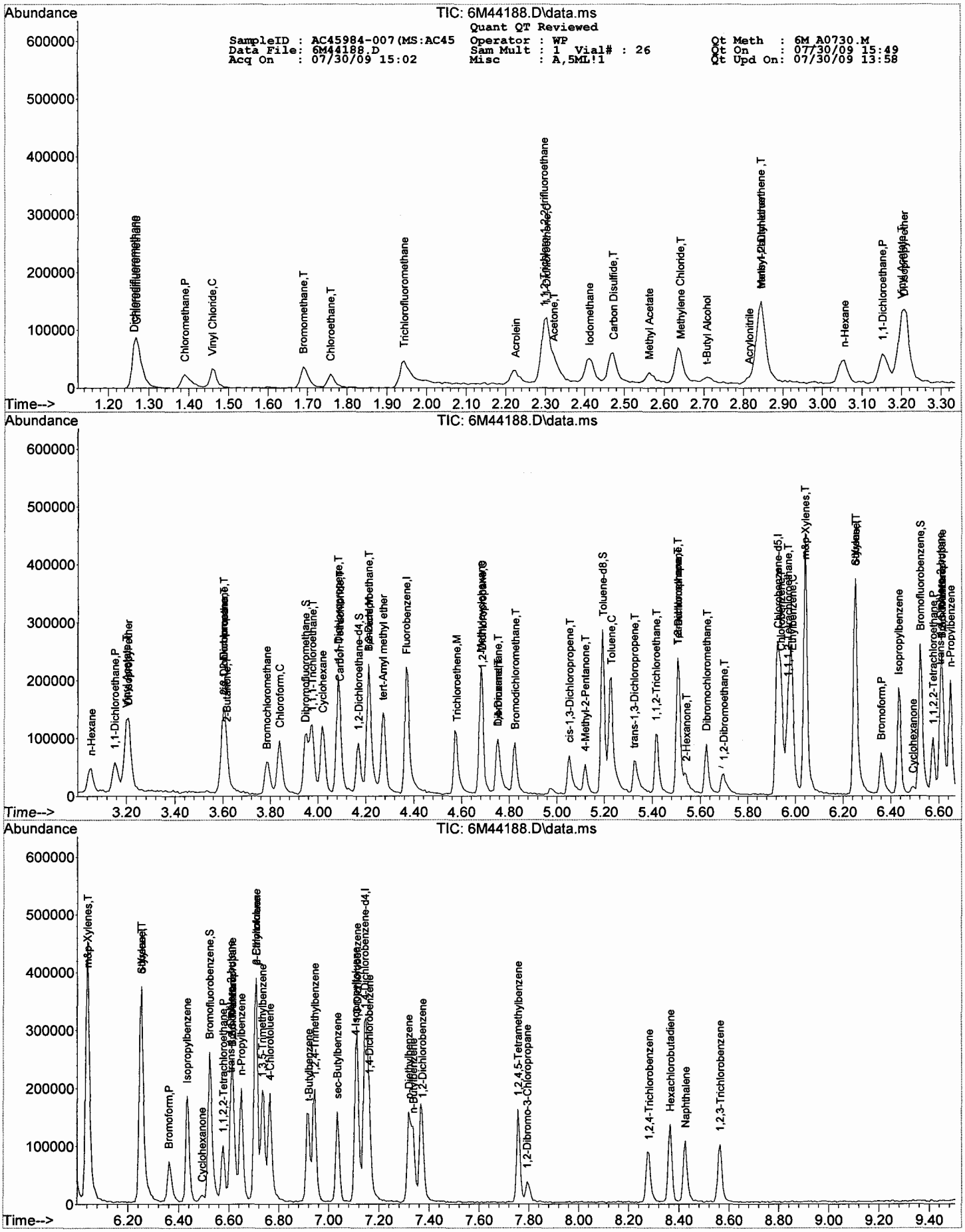
Quantitation Report (QT Reviewed)

SampleID : AC45984-007(MS:AC45 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44188.D Sam Mult : 1 Vial# : 26 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:02 Misc : A,5ML!1 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 7448 | 17.49 ug/l | 58 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 48036 | 18.77 ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.160 | 146 | 52986 | 17.27 ug/l | 84 |
| 71) 1,2-Dichlorobenzene | 7.371 | 146 | 50908 | 18.55 ug/l | 87 |
| 72) Isopropylbenzene | 6.432 | 105 | 74843 | 16.32 ug/l | 94 |
| 73) Cyclohexanone | 6.492 | 55 | 4533 | 76.82 ug/l | 91 |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 34786 | 16.90 ug/l | 93 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 75681 | 18.90 ug/l | 96 |
| 76) p-Ethyltoluene | 6.709 | 105 | 81412 | 21.54 ug/l | 81 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 64481 | 17.70 ug/l | 91 |
| 78) n-Propylbenzene | 6.649 | 91 | 88393 | 18.03 ug/l | 97 |
| 79) Bromobenzene | 6.613 | 77 | 57032 | 18.73 ug/l | 80 |
| 80) 1,3,5-Trimethylbenzene | 6.733 | 105 | 73257 | 18.54 ug/l | 96 |
| 81) t-Butylbenzene | 6.920 | 119 | 54637 | 17.18 ug/l | 89 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 72834 | 19.00 ug/l | 89 |
| 83) sec-Butylbenzene | 7.034 | 105 | 63949 | 17.08 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 55441 | 20.49 ug/l | 92 |
| 85) n-Butylbenzene | 7.335 | 91 | 58993 | 17.75 ug/l | 79 |
| 86) p-Diethylbenzene | 7.317 | 119 | 30801 | 17.08 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 54224 | 16.99 ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.792 | 157 | 8071 | 18.36 ug/l | 60 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 22560 | 17.68 ug/l | 92 |
| 90) 1,2,4-Trichlorobenzene | 8.280 | 180 | 24589 | 16.39 ug/l | 93 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 26222 | 16.91 ug/l | 93 |
| 92) Naphthalene | 8.424 | 128 | 60007 | 14.23 ug/l | 100 |

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


Abundance
TIC: 6M44188.D\data.ms
Quant QT Reviewed
SampleID : AC45984-007(MS:AC45
Data File: 6M44188.D
Acq On : 07/30/09 15:02
Operator : WP
Sam Mult : 1 Vial# : 26
Misc : A,5ML'1
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 15:49
Qt Upd On: 07/30/09 13:58
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-008(MSD:AC
Client Id: 1-30-185-GP09 (40) MSD
Data File: 6M44189.D
Analysis Date: 07/30/09 15:17
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | 21 | 75-15-0 | Carbon Disulfide | 1.0 | 22 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | 17 | 56-23-5 | Carbon Tetrachloride | 1.0 | 21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-triflu | 1.0 | 22 | 108-90-7 | Chlorobenzene | 1.0 | 19 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | 18 | 75-00-3 | Chloroethane | 1.0 | 19 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | 21 | 67-66-3 | Chloroform | 1.0 | 20 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 19 | 74-87-3 | Chloromethane | 1.0 | 18 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | 17 | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | 20 |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | 16 | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | 14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | 16 | 110-82-7 | Cyclohexane | 1.0 | 19 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | 18 | 124-48-1 | Dibromochloromethane | 1.0 | 18 |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 1.0 | 15 | 75-71-8 | Dichlorodifluoromethane | 1.0 | 16 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | 18 | 100-41-4 | Ethylbenzene | 1.0 | 17 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | 17 | 98-82-8 | Isopropylbenzene | 1.0 | 16 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | 22 | 136777612 | m&p-Xylenes | 1.0 | 43 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | 18 | 79-20-9 | Methyl Acetate | 1.0 | 19 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | 17 | 108-87-2 | Methylcyclohexane | 1.0 | 19 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | 19 | 75-09-2 | Methylene Chloride | 1.0 | 21 |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | 19 | 1634-04-4 | Methyl-t-butyl ether | 0.50 | 19 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | 16 | 104-51-8 | n-Butylbenzene | 1.0 | 17 |
| 123-91-1 | 1,4-Dioxane | 50 | 800 | 103-65-1 | n-Propylbenzene | 1.0 | 18 |
| 78-93-3 | 2-Butanone | 1.0 | 18 | 95-47-6 | o-Xylene | 1.0 | 21 |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | 15 |
| 591-78-6 | 2-Hexanone | 5.0 | 12 | 100-42-5 | Styrene | 1.0 | 20 |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | 19 | 75-65-0 | t-Butyl Alcohol | 5.0 | 82 |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | 14 | 98-06-6 | t-Butylbenzene | 1.0 | 17 |
| 67-64-1 | Acetone | 5.0 | 83 | 127-18-4 | Tetrachloroethene | 1.0 | 25 |
| 107-02-8 | Acrolein | 5.0 | 100 | 108-88-3 | Toluene | 1.0 | 22 |
| 107-13-1 | Acrylonitrile | 1.0 | 15 | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | 21 |
| 71-43-2 | Benzene | 0.50 | 20 | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | 13 |
| 74-97-5 | Bromochloromethane | 1.0 | 19 | 79-01-6 | Trichloroethene | 1.0 | 20 |
| 75-27-4 | Bromodichloromethane | 1.0 | 17 | 75-69-4 | Trichlorofluoromethane | 1.0 | 21 |
| 75-25-2 | Bromoform | 1.0 | 14 | 75-01-4 | Vinyl Chloride | 1.0 | 15 |
| 74-83-9 | Bromomethane | 1.0 | 18 | 1330-20-7 | Xylenes (Total) | 1 | 64 |

Worksheet #: 125219

***Total Target Concentration*** 2200

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

Sample ID : AC45984-008(MSD:AC4 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44189.D Sam Mult : 1 Vial# : 27 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:17 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 151638 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 98005 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 59037 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 49981 | 30.69 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.30% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26677 | 30.55 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.83% | | |
| 56) Toluene-d8 | 5.193 | 98 | 143205 | 31.82 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.07% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 63257 | 29.72 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.07% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.275 | 51 | 66198 | 25.49 | ug/l | 67 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 23076 | 15.81 | ug/l | 74 |
| 4) Chloromethane | 1.391 | 50 | 26388 | 18.13 | ug/l | 72 |
| 5) Bromomethane | 1.690 | 94 | 18995 | 18.17 | ug/l | 81 |
| 6) Vinyl Chloride | 1.460 | 62 | 21249 | 14.55 | ug/l | 96 |
| 7) Chloroethane | 1.760 | 64 | 14146 | 18.55 | ug/l | 96 |
| 8) Trichlorofluoromethane | 1.944 | 101 | 36673 | 20.55 | ug/l | 94 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 20063 | 21.90 | ug/l | 91 |
| 10) Methylene Chloride | 2.635 | 84 | 20346 | 21.25 | ug/l | 68 |
| 11) Acrolein | 2.220 | 56 | 16492 | 100.93 | ug/l | 99 |
| 12) Acrylonitrile | 2.810 | 53 | 5470 | 15.09 | ug/l | 89 |
| 13) Iodomethane | 2.413 | 142 | 40926 | 18.23 | ug/l | 93 |
| 14) Acetone | 2.328 | 43 | 35114 | 83.38 | ug/l | 99 |
| 15) Carbon Disulfide | 2.473 | 76 | 61577 | 21.93 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 7766 | 81.56 | ug/l | 78 |
| 17) n-Hexane | 3.057 | 57 | 13727 | 21.19 | ug/l | 82 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 87691 | 18.37 | ug/l | 97 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 30047 | 19.49 | ug/l | 97 |
| 20) Methyl Acetate | 2.563 | 43 | 20571 | 19.37 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 60302 | 19.25 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 44174 | 20.82 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 19262 | 21.26 | ug/l | 90 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 39036 | 19.96 | ug/l | 96 |
| 25) Bromochloromethane | 3.785 | 49 | 20394 | 19.10 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 39502 | 26.40 | ug/l | 97 |
| 27) 1,4-Dioxane | 4.760 | 88 | 12558 | 804.74 | ug/l | 86 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 32473 | 20.93 | ug/l | 96 |
| 29) Chloroform | 3.839 | 83 | 52348 | 20.31 | ug/l | 88 |
| 31) Cyclohexane | 4.020 | 56 | 31460 | 18.81 | ug/l | 94 |
| 33) 1,2-Dichloroethane | 4.212 | 62 | 44285 | 21.52 | ug/l | 90 |
| 34) 2-Butanone | 3.616 | 43 | 12471 | 18.16 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 44526 | 21.37 | ug/l | 99 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 39086 | 21.40 | ug/l | 94 |
| 37) Vinyl Acetate | 3.207 | 43 | 70815 | 16.11 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 35678 | 16.78 | ug/l | 91 |
| 39) Methylcyclohexane | 4.682 | 83 | 19708 | 19.09 | ug/l | 92 |
| 40) Dibromomethane | 4.754 | 174 | 26875 | 19.20 | ug/l | 94 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 23984 | 18.48 | ug/l | 98 |
| 42) Trichloroethene | 4.573 | 130 | 27065 | 20.04 | ug/l | 92 |
| 43) Benzene | 4.212 | 78 | 94149 | 20.45 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 54212 | 15.92 | ug/l | 94 |
| 46) Dibromochloromethane | 5.626 | 129 | 29367 | 18.22 | ug/l | 100 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 28859 | 14.12 | ug/l | 97 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 25779 | 13.18 | ug/l | 95 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 21642 | 18.23 | ug/l | 92 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 22779 | 17.88 | ug/l | 93 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 35334 | 19.41 | ug/l | 92 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 20482 | 13.58 | ug/l | 98 |
| 54) 2-Hexanone | 5.536 | 43 | 12011 | 12.03 | ug/l | 95 |
| 55) Tetrachloroethene | 5.506 | 164 | 27462 | 25.42 | ug/l | 91 |
| 57) Toluene | 5.229 | 92 | 58606 | 22.18 | ug/l | 92 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 24672 | 19.08 | ug/l | 81 |
| 59) Chlorobenzene | 5.939 | 112 | 61763 | 19.15 | ug/l | 99 |
| 61) Bromoform | 6.361 | 173 | 21822 | 14.43 | ug/l | 89 |
| 62) Ethylbenzene | 5.988 | 106 | 22848 | 16.92 | ug/l | 96 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 29206 | 17.09 | ug/l | 95 |
| 65) Styrene | 6.258 | 104 | 61227 | 19.83 | ug/l | 81 |
| 66) m&p-Xylenes | 6.042 | 106 | 68247 | 43.05 | ug/l | 85 |
| 67) o-Xylene | 6.252 | 106 | 33868 | 20.89 | ug/l | 75 |

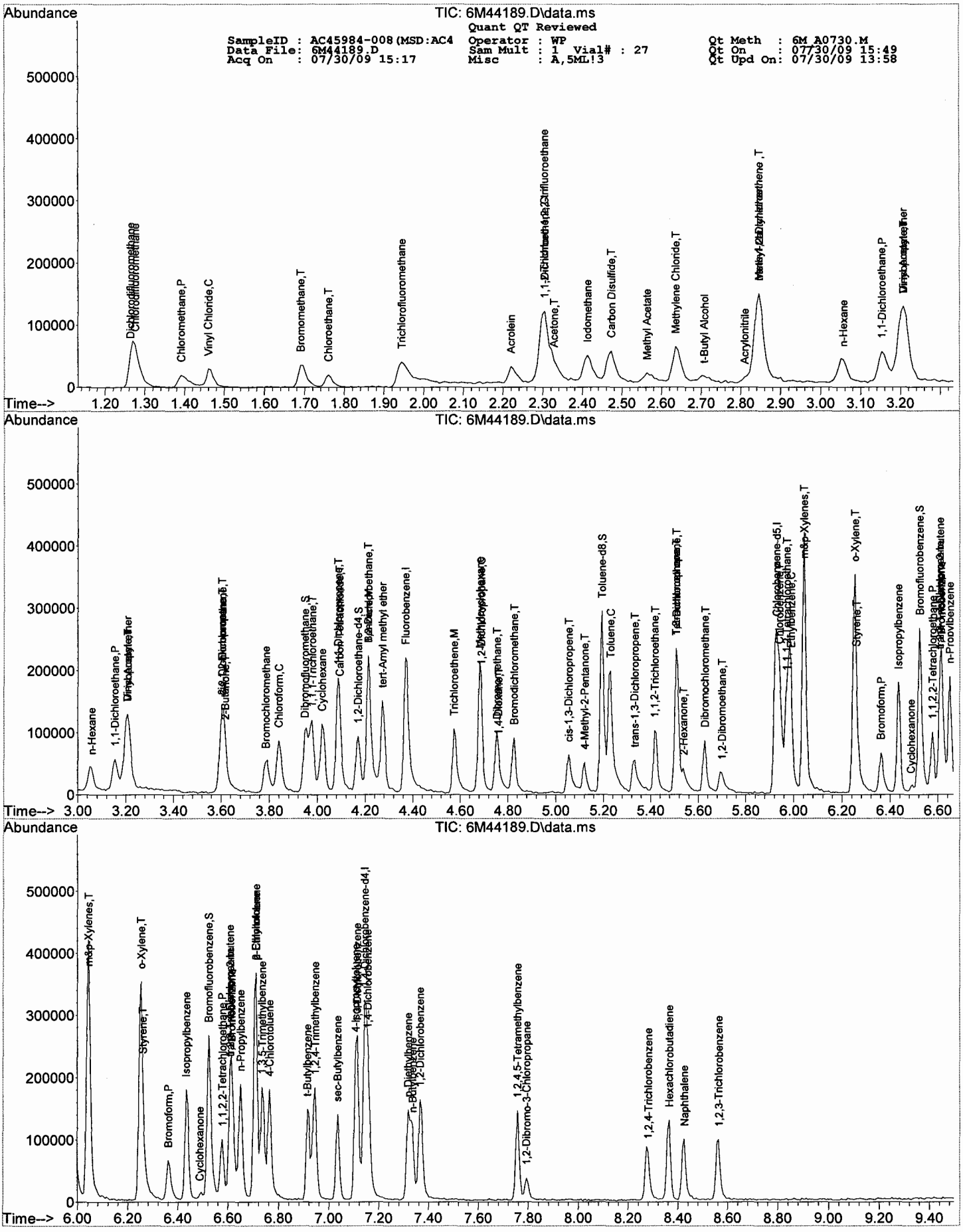
Quantitation Report (QT Reviewed)

SampleID : AC45984-008(MSD:AC4 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44189.D Sam Mult : 1 Vial# : 27 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:17 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 6897 | 16.26 ug/l | 67 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 47410 | 18.60 ug/l | 85 |
| 70) 1,4-Dichlorobenzene | 7.155 | 146 | 49965 | 16.35 ug/l | 86 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 47334 | 17.31 ug/l | 87 |
| 72) Isopropylbenzene | 6.433 | 105 | 73601 | 16.11 ug/l | 97 |
| 73) Cyclohexanone | 6.487 | 55 | 4024 | 68.46 ug/l | 89 |
| 74) 1,2,3-Trichloropropane | 6.607 | 75 | 33811 | 16.49 ug/l | 92 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 74695 | 18.72 ug/l | 95 |
| 76) p-Ethyltoluene | 6.710 | 105 | 73897 | 19.63 ug/l | 86 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 64185 | 17.69 ug/l | 93 |
| 78) n-Propylbenzene | 6.650 | 91 | 87066 | 17.83 ug/l | 98 |
| 79) Bromobenzene | 6.613 | 77 | 57140 | 18.83 ug/l | 83 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 66157 | 16.81 ug/l | 89 |
| 81) t-Butylbenzene | 6.914 | 119 | 53366 | 16.84 ug/l | 86 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 69090 | 18.09 ug/l | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 56000 | 15.01 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 49867 | 18.51 ug/l | 91 |
| 85) n-Butylbenzene | 7.336 | 91 | 55347 | 16.72 ug/l | 78 |
| 86) p-Diethylbenzene | 7.318 | 119 | 29565m | 16.46 ug/l | |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 51384 | 16.16 ug/l | 89 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.793 | 157 | 6604 | 15.08 ug/l | 64 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 22803 | 17.94 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 24086 | 16.11 ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 26263 | 17.00 ug/l | 95 |
| 92) Naphthalene | 8.425 | 128 | 56261 | 13.40 ug/l | 100 |

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


Abundance
TIC: 6M44189.D\data.ms
Quant QT Reviewed
SampleID : AC45984-008(MSD:AC4
Data File: 6M44189.D
Acq On : 07/30/09 15:17
Operator : WP
Sam Mult : 1 Vial# : 27
Misc : A,5ML!3
Qt Meth : 6M A0730.M
Qt On : 07/30/09 15:49
Qt Upd On: 07/30/09 13:58
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Cyclohexanone
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-009
Client Id: 1-30-185-GP09 (25)
Data File: 6M44261.D
Analysis Date: 07/31/09 13:21
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

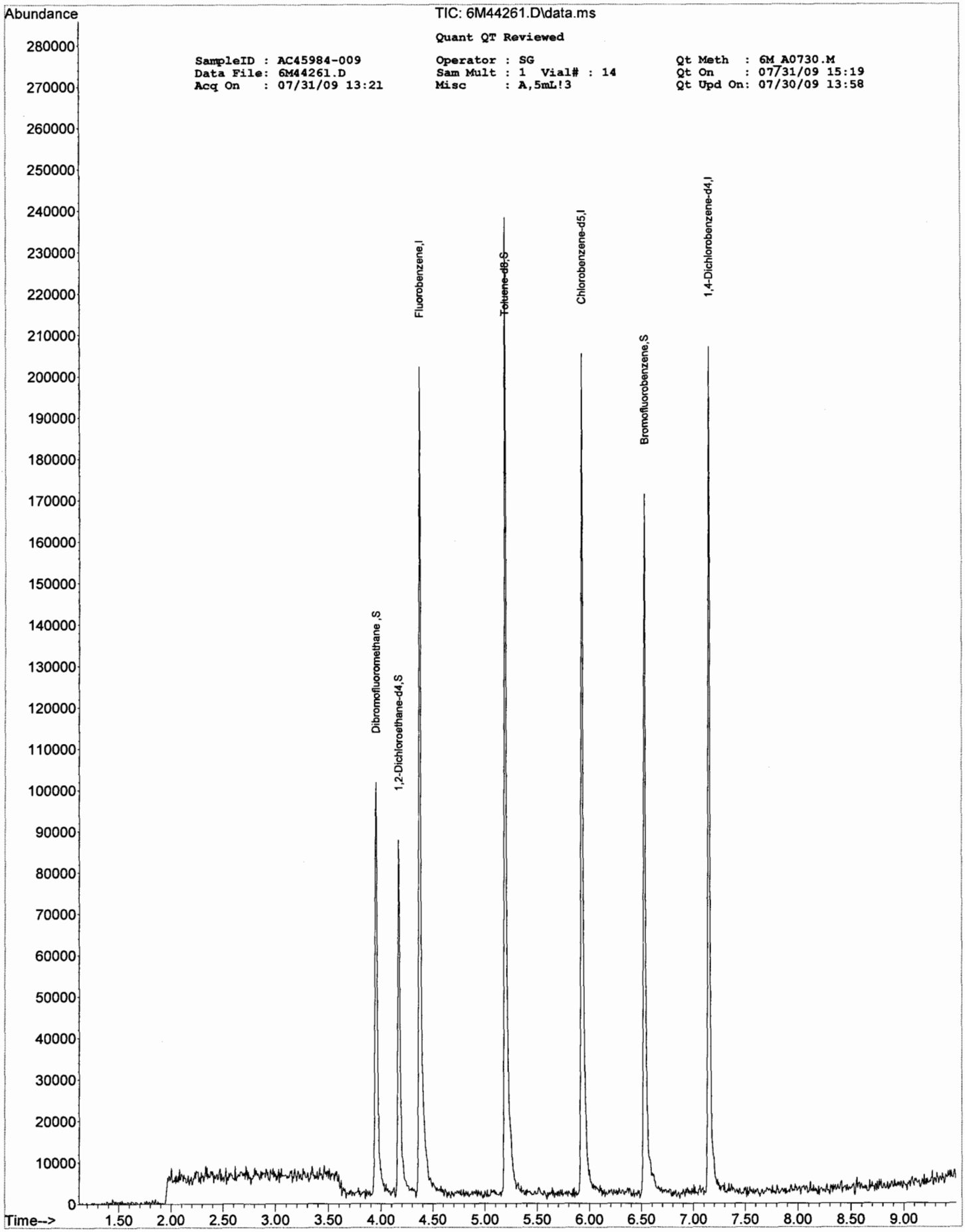
SampleID : AC45984-009 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44261.D Sam Mult : 1 Vial# : 14 Qt On : 07/31/09 15:19
Acq On : 07/31/09 13:21 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 139584 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 93203 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 46862 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 47238 | 31.51 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 105.03% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25170 | 31.31 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 104.37% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 122594 | 28.64 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.47% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 46658 | 27.62 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 92.07% | | | |

Target Compounds Qvalue

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


Abundance
TIC: 6M44261.D\data.ms
Quant QT Reviewed
SampleID : AC45984-009
Data File: 6M44261.D
Acq On : 07/31/09 13:21
Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-010
Client Id: 1-30-185-GP10 (100)
Data File: 6M44262.D
Analysis Date: 07/31/09 13:37
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.9** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **2.5** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125220

***Total Target Concentration*** 4.4

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

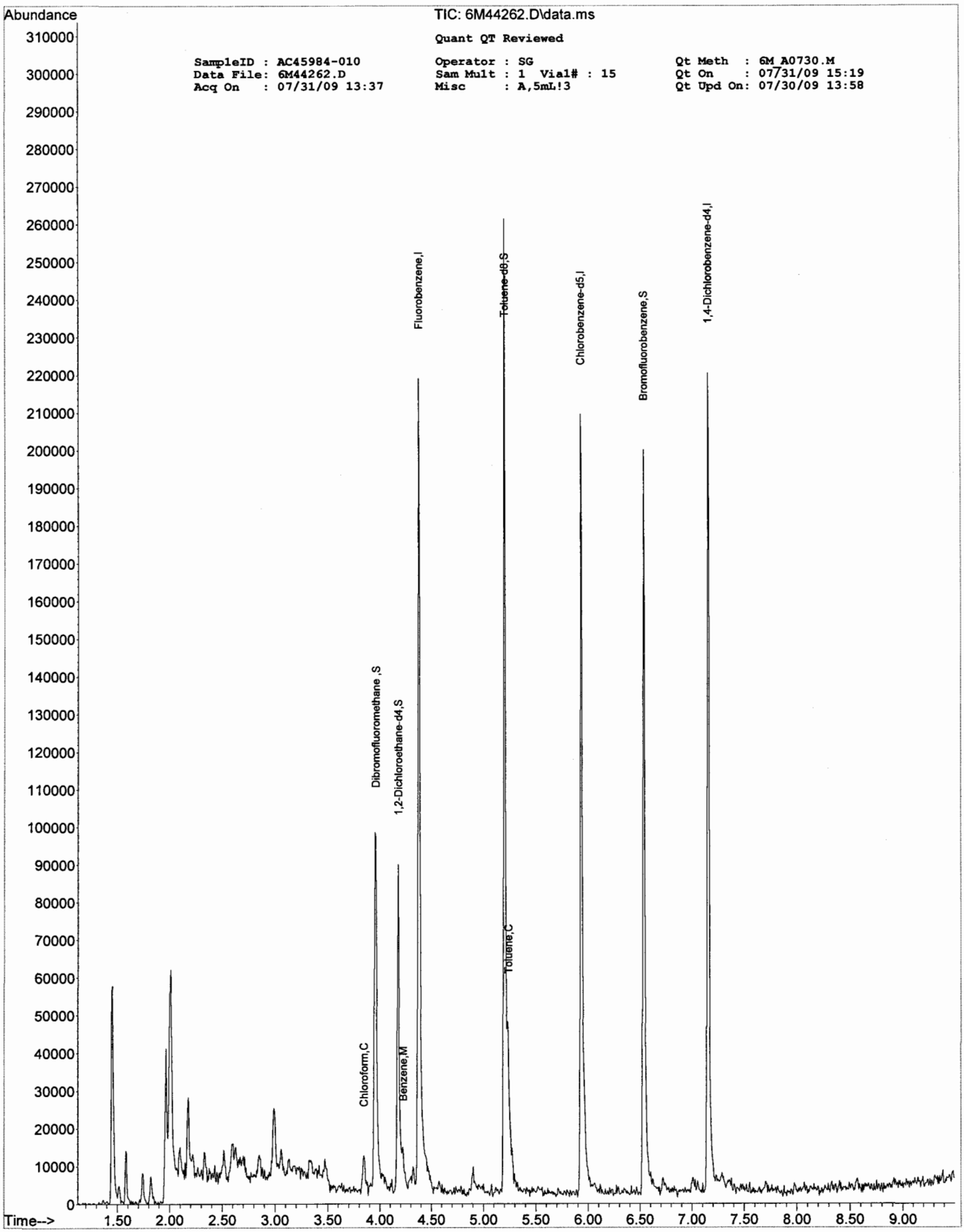
SampleID : AC45984-010 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44262.D Sam Mult : 1 Vial# : 15 Qt On : 07/31/09 15:19
Acq On : 07/31/09 13:37 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

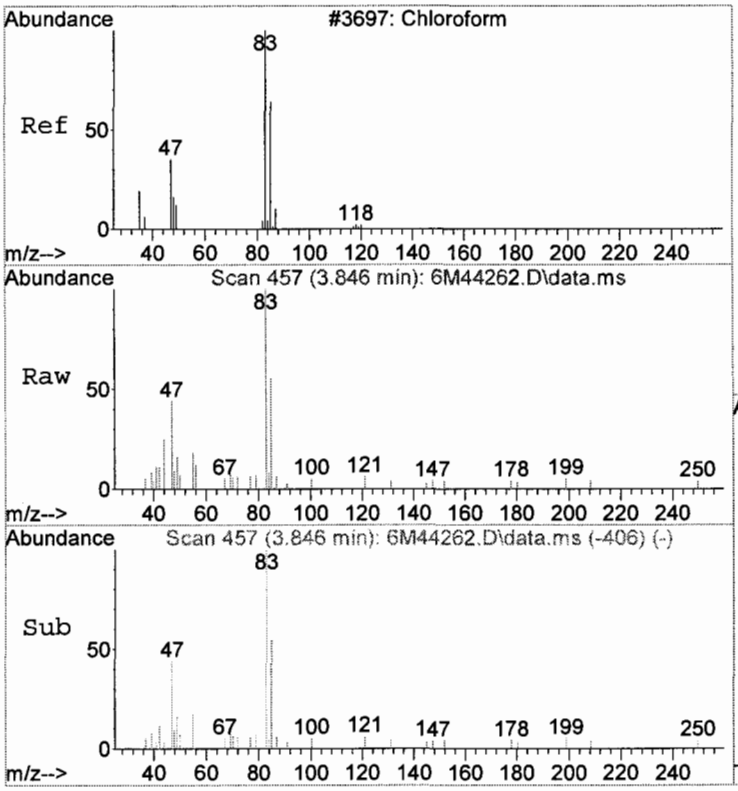
Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Fluorobenzene | | 4.375 | 96 | 147414 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | | 5.928 | 117 | 94424 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | | 7.150 | 152 | 49710 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 30) Dibromofluoromethane | | 3.960 | 111 | 48075 | 30.36 | ug/l | 0.01 |
| Spiked Amount | 30.000 | | | Recovery | = | 101.20% | |
| 32) 1,2-Dichloroethane-d4 | | 4.177 | 67 | 27146 | 31.98 | ug/l | 0.00 |
| Spiked Amount | 30.000 | | | Recovery | = | 106.60% | |
| 56) Toluene-d8 | | 5.200 | 98 | 133311 | 30.74 | ug/l | 0.00 |
| Spiked Amount | 30.000 | | | Recovery | = | 102.47% | |
| 64) Bromofluorobenzene | | 6.530 | 174 | 51229 | 28.59 | ug/l | 0.00 |
| Spiked Amount | 30.000 | | | Recovery | = | 95.30% | |
| Target Compounds | | | | | | | Qvalue |
| 29) Chloroform | | 3.846 | 83 | 4668 | 1.86 | ug/l | 76 |
| 43) Benzene | | 4.225 | 78 | 2583 | 0.58 | ug/l | 100 |
| 57) Toluene | | 5.236 | 92 | 6361 | 2.50 | ug/l | 83 |

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

110

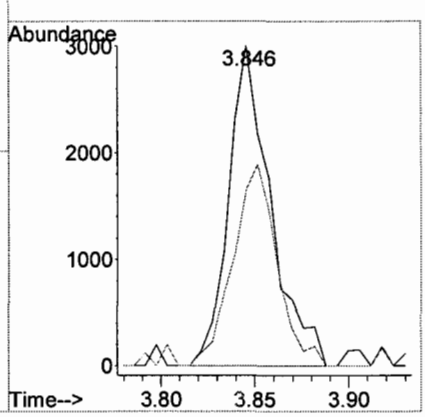

Abundance
TIC: 6M44262.D\data.ms
Quant QT Reviewed
SampleID : AC45984-010
Data File: 6M44262.D
Acq On : 07/31/09 13:37
Operator : SG
Sam Mult : 1 Vial# : 15
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

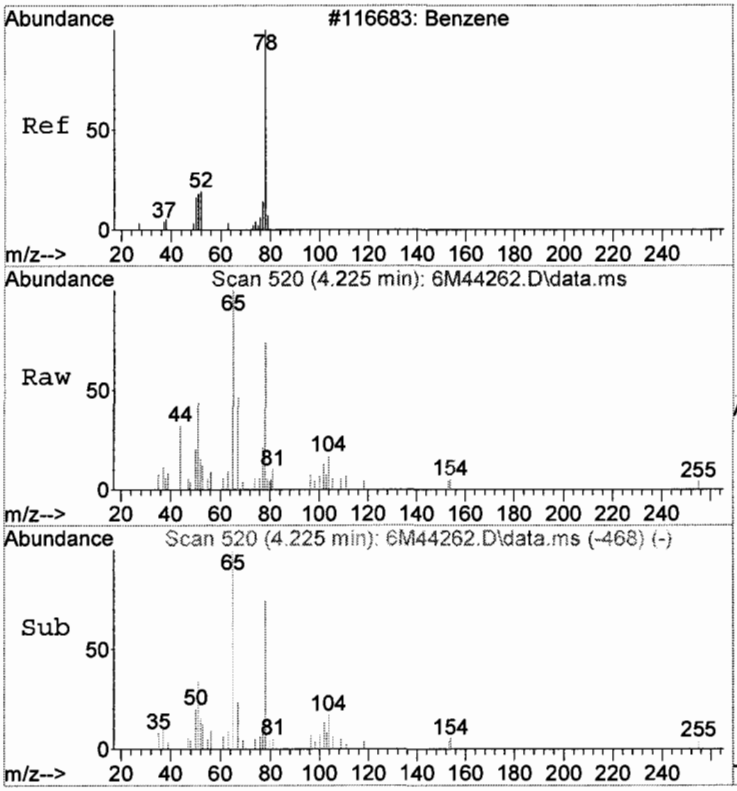



#29
Chloroform
Concen: 1.86 ug/l
RT: 3.846 min Scan# 457
Delta R.T. 0.006 min
Lab File: 6M44262.D
Acq: 31 Jul 2009 13:37

Tgt Ion: 83 Resp: 4668

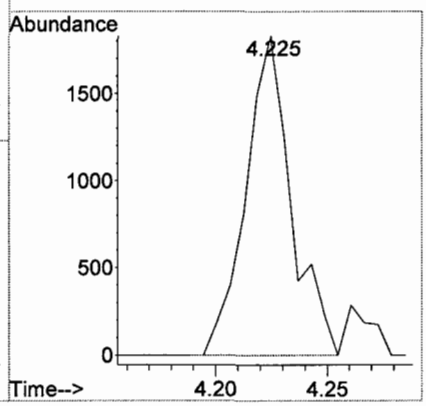
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 55.1 | 36.0 | 116.0 |

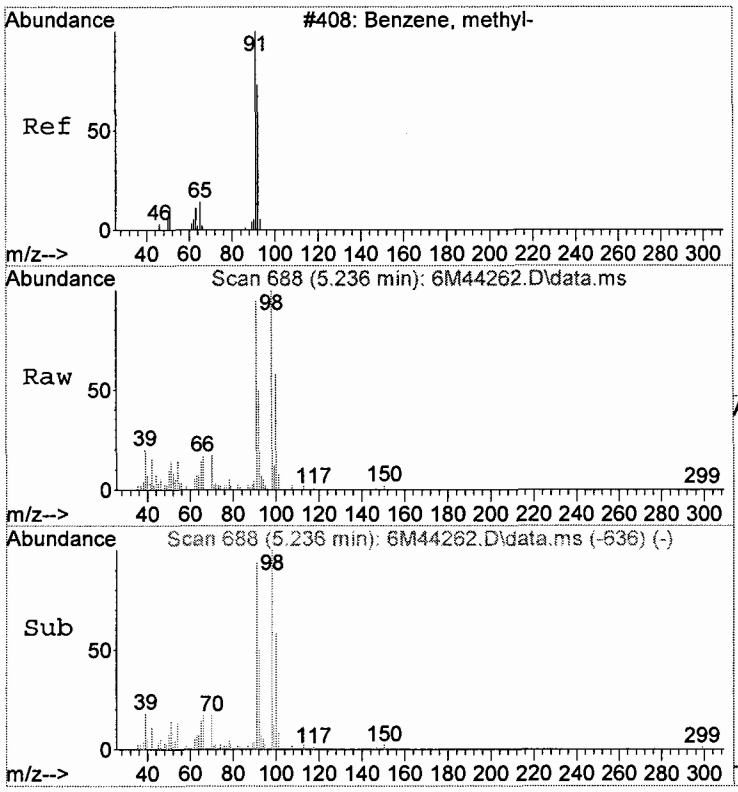



#43
Benzene
Concen: 0.58 ug/l
RT: 4.225 min Scan# 520
Delta R.T. 0.013 min
Lab File: 6M44262.D
Acq: 31 Jul 2009 13:37

Tgt Ion: 78 Resp: 2583

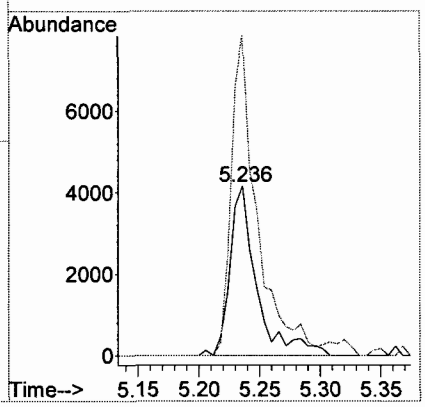





#57
Toluene
Concen: 2.50 ug/l
RT: 5.236 min Scan# 688
Delta R.T. 0.012 min
Lab File: 6M44262.D
Acq: 31 Jul 2009 13:37

Tgt Ion: 92 Resp: 6361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 188.8 | 99.4 | 231.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-011
Client Id: 1-30-185-GP10 (85)
Data File: 6M44263.D
Analysis Date: 07/31/09 13:53
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **7.5** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.0** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| **75-27-4** | **Bromodichloromethane** | **1.0** | **1.2** | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 9.7

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

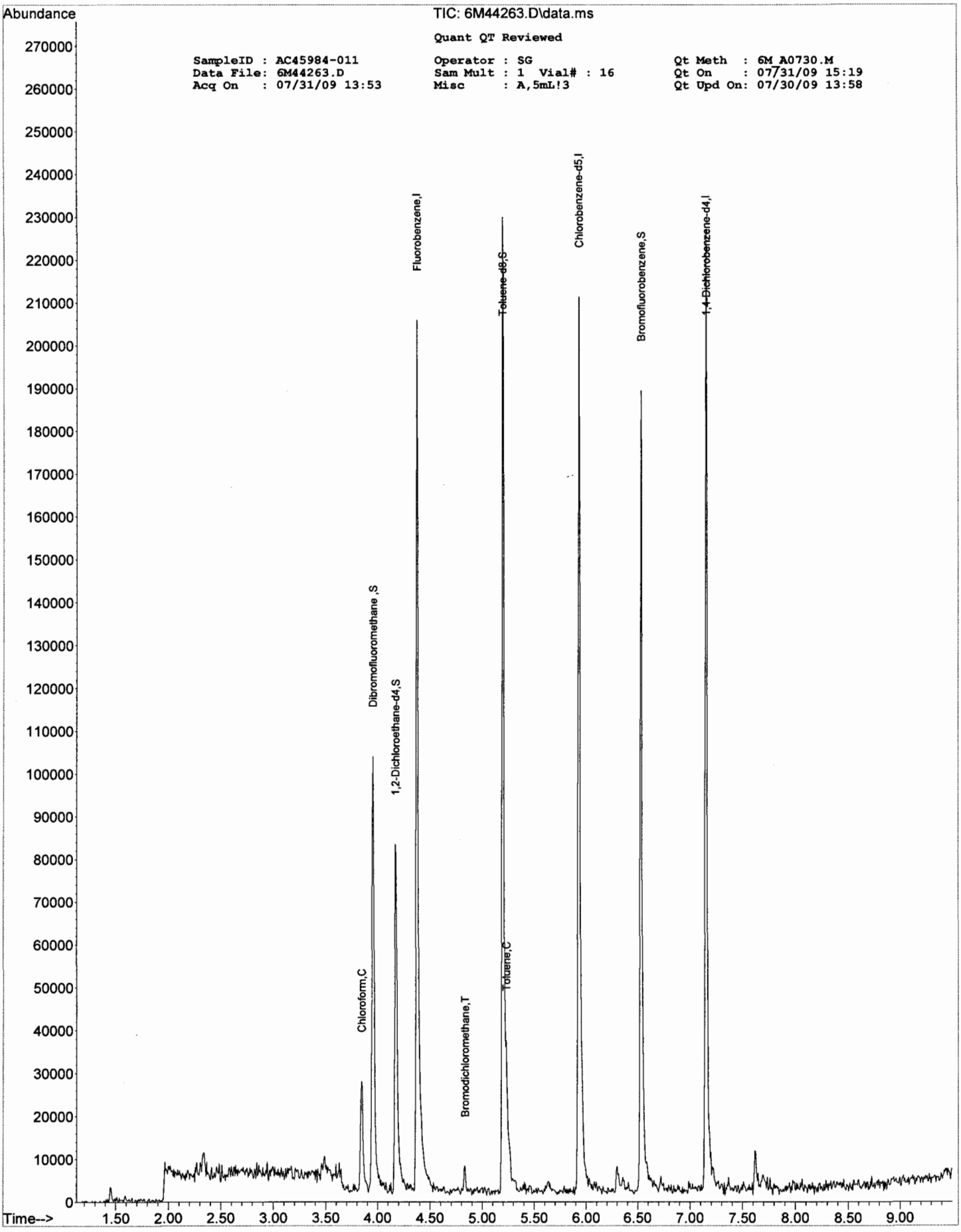
Quantitation Report (QT Reviewed)

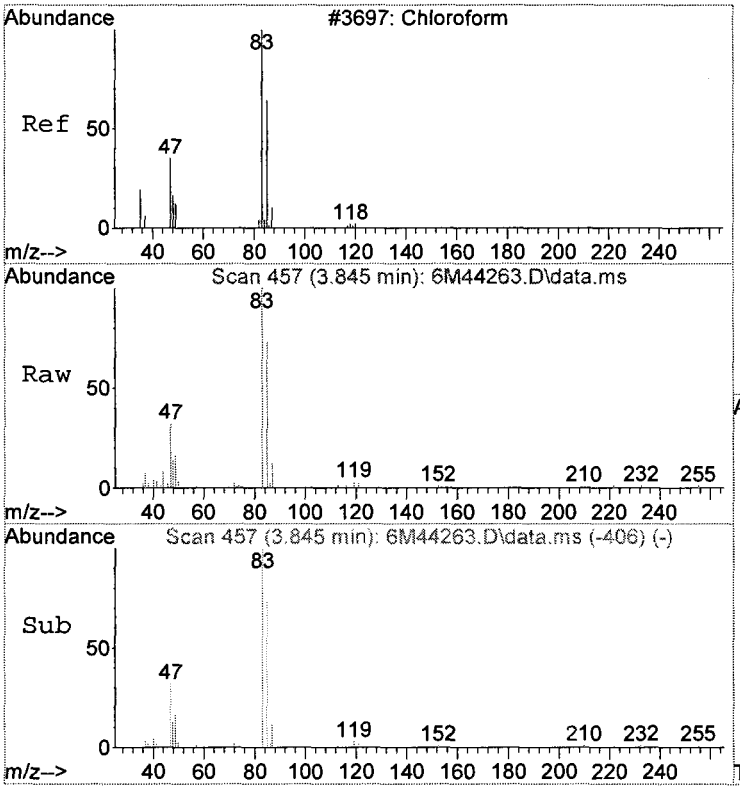
SampleID : AC45984-011 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44263.D Sam Mult : 1 Vial# : 16 Qt On : 07/31/09 15:19
Acq On : 07/31/09 13:53 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 134065 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 95518 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 48095 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 47651 | 33.09 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 110.30% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25250 | 32.70 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 109.00% | | |
| 56) Toluene-d8 | 5.193 | 98 | 123773 | 28.22 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.07% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 50071 | 28.88 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.27% | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.845 | 83 | 17053 | 7.48 | ug/l | 96 |
| 38) Bromodichloromethane | 4.832 | 83 | 2353 | 1.25 | ug/l | 87 |
| 57) Toluene | 5.229 | 92 | 2692 | 1.05 | ug/l | 82 |

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

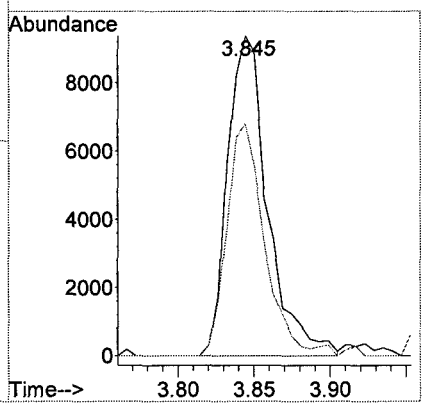

Abundance
TIC: 6M44263.D\data.ms
Quant QT Reviewed
SampleID : AC45984-011
Data File: 6M44263.D
Acq On : 07/31/09 13:53
Operator : SG
Sam Mult : 1 Vial# : 16
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Bromodichloromethane,T
Toluene,C
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

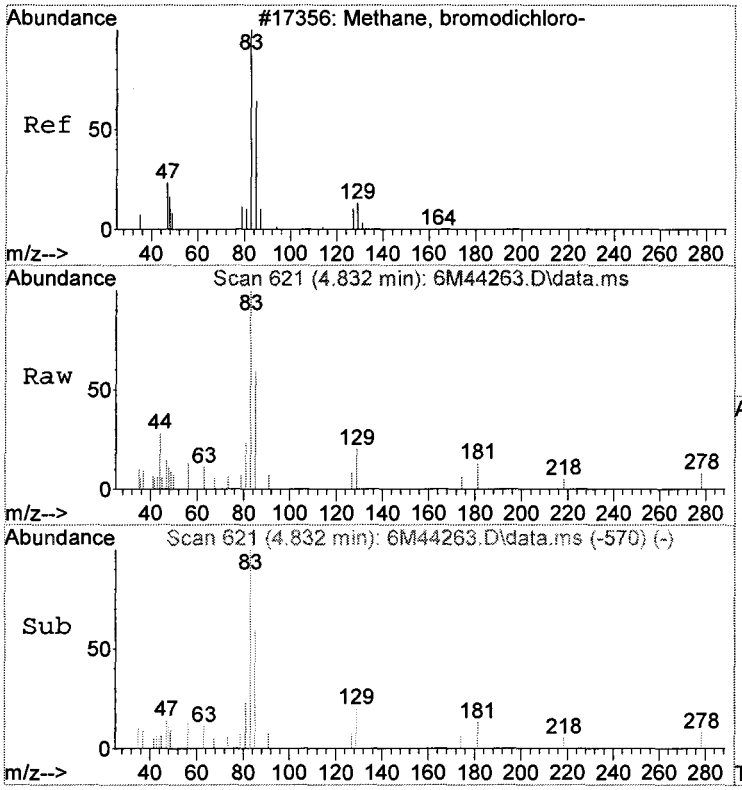



#29
Chloroform
Concen: 7.48 ug/l
RT: 3.845 min Scan# 457
Delta R.T. 0.005 min
Lab File: 6M44263.D
Acq: 31 Jul 2009 13:53

Tgt Ion: 83 Resp: 17053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 72.7 | 36.0 | 116.0 |

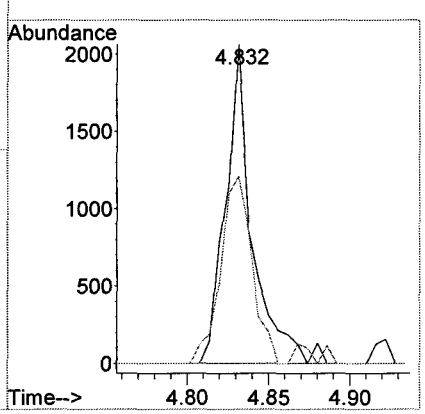


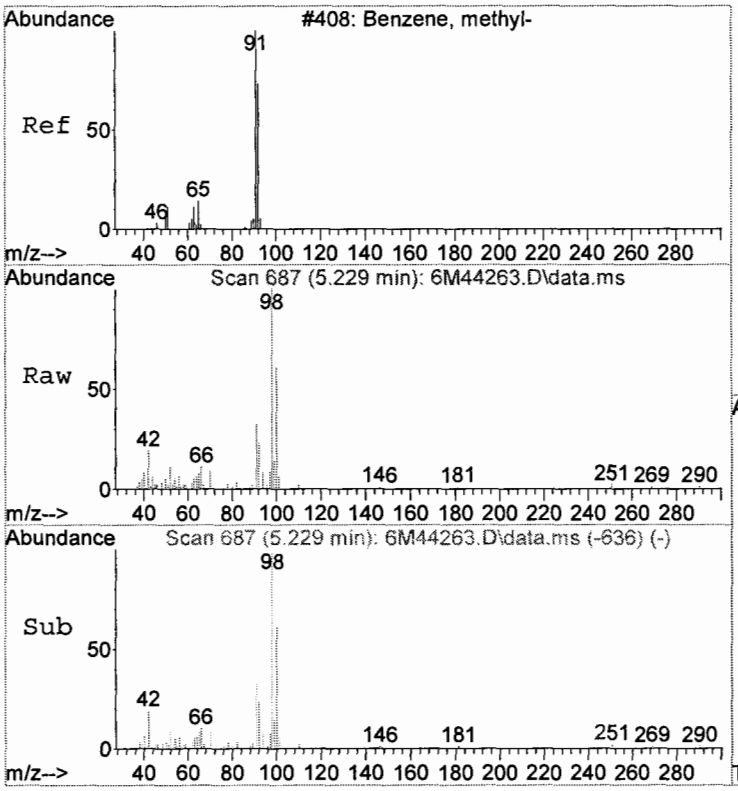




#38
Bromodichloromethane
Concen: 1.25 ug/l
RT: 4.832 min Scan# 621
Delta R.T. 0.006 min
Lab File: 6M44263.D
Acq: 31 Jul 2009 13:53

Tgt Ion: 83 Resp: 2353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.7 | 28.9 | 108.9 |

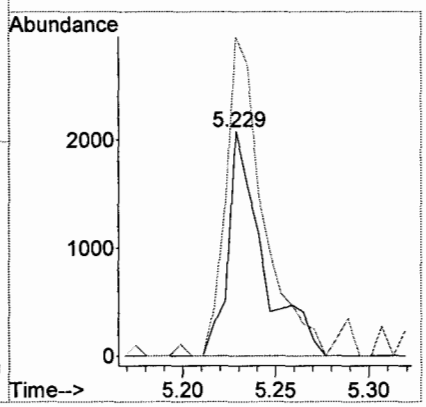





#57
Toluene
Concen: 1.05 ug/l
RT: 5.229 min Scan# 687
Delta R.T. 0.005 min
Lab File: 6M44263.D
Acq: 31 Jul 2009 13:53

Tgt Ion: 92 Resp: 2692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 142.0 | 99.4 | 231.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-012
Client Id: 1-30-185-GP10 (70)
Data File: 6M44264.D
Analysis Date: 07/31/09 14:09
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **6.5** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.1** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 7.6

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

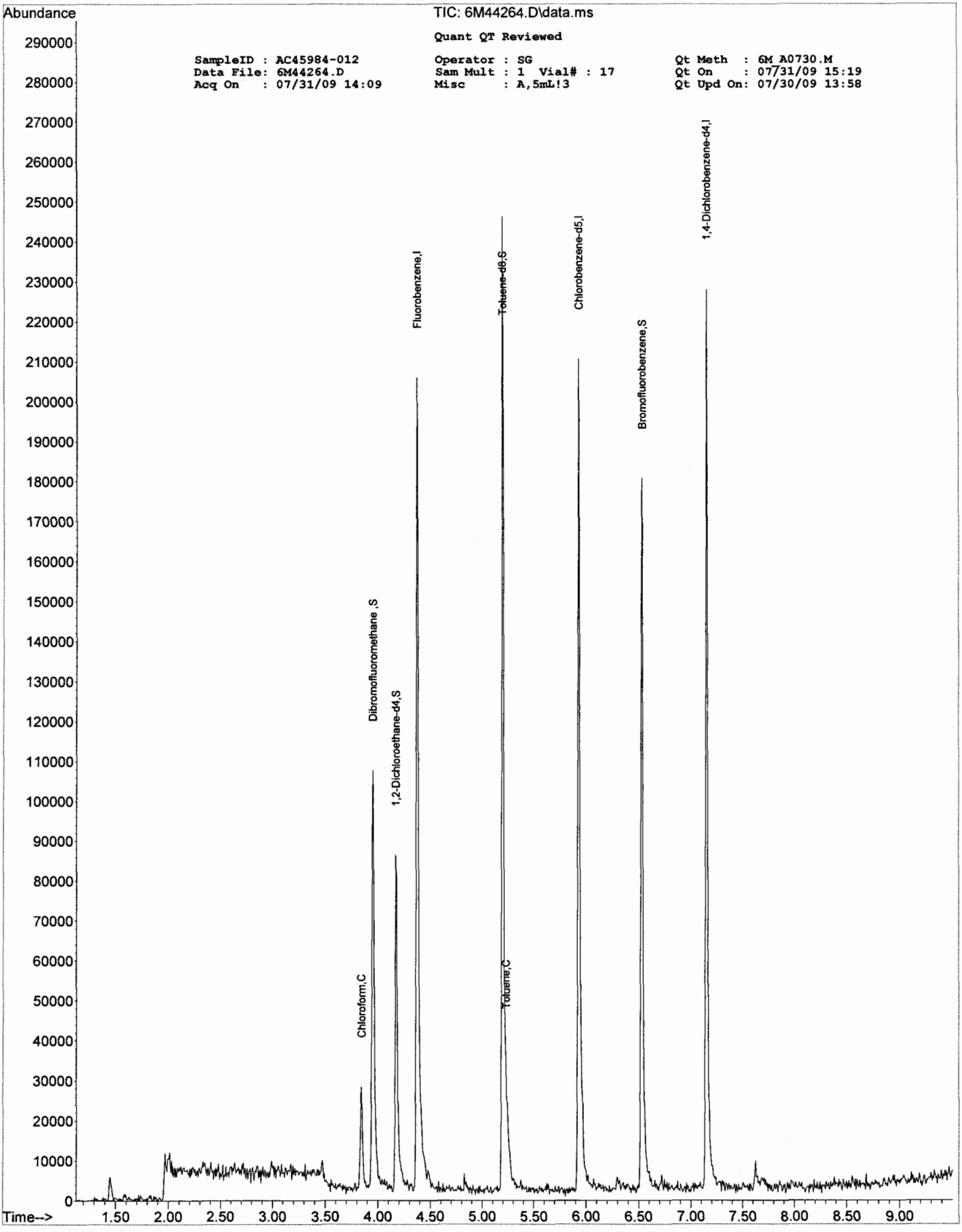
Quantitation Report (QT Reviewed)

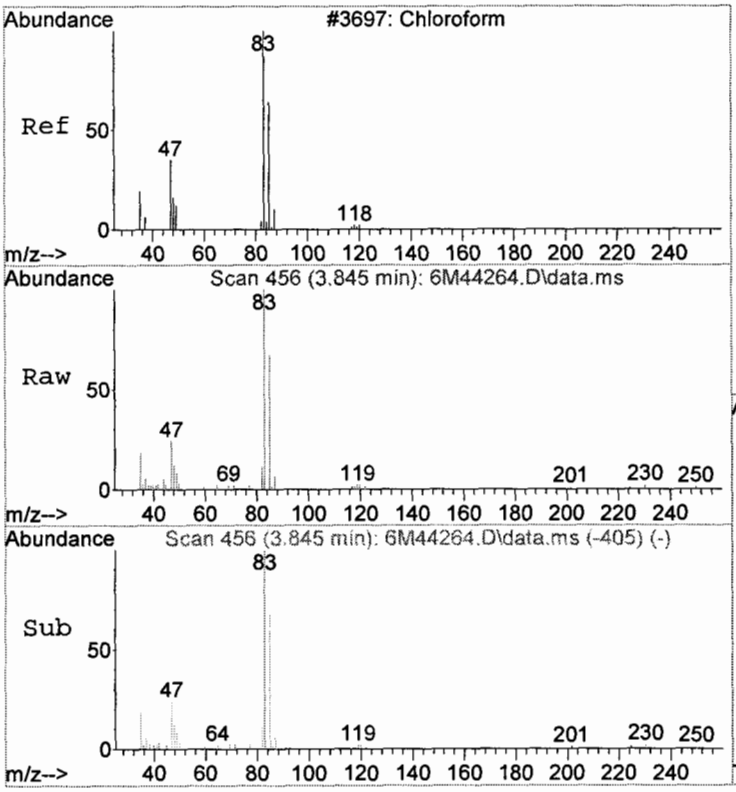
SampleID : AC45984-012 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44264.D Sam Mult : 1 Vial# : 17 Qt On : 07/31/09 15:19
Acq On : 07/31/09 14:09 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 143194 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 94675 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 48501 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 47121 | 30.64 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 102.13% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24159 | 29.30 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.67% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 124975 | 28.74 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.80% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 52215 | 29.86 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 99.53% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.845 | 83 | 15763 | 6.48 | ug/l | 90 |
| 57) Toluene | 5.229 | 92 | 2835 | 1.11 | ug/l | 99 |

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

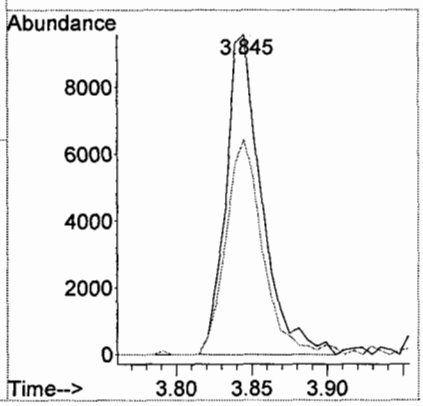

Abundance
TIC: 6M44264.D\data.ms
Quant QT Reviewed
SampleID : AC45984-012
Data File: 6M44264.D
Acq On : 07/31/09 14:09
Operator : SG
Sam Mult : 1 Vial# : 17
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

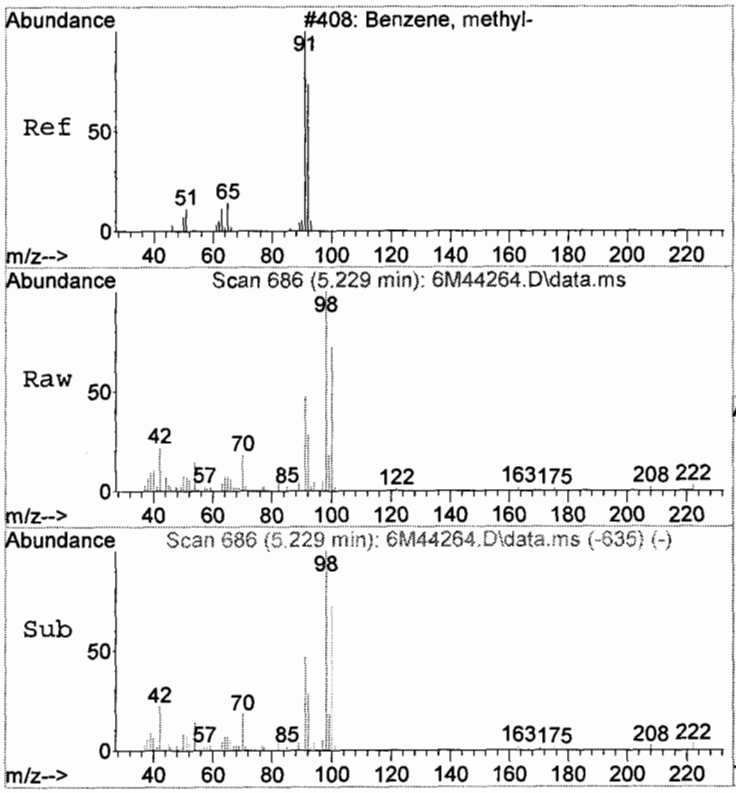



#29
Chloroform
Concen: 6.48 ug/l
RT: 3.845 min Scan# 456
Delta R.T. 0.005 min
Lab File: 6M44264.D
Acq: 31 Jul 2009 14:09

Tgt Ion: 83 Resp: 15763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.2 | 36.0 | 116.0 |

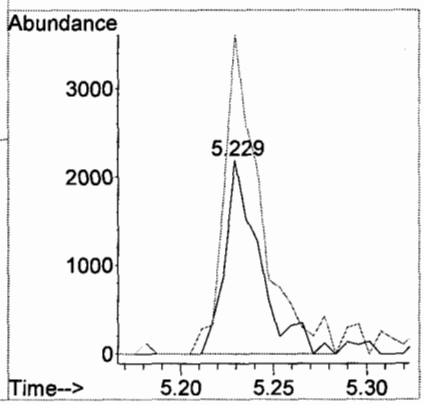



#57
Toluene
Concen: 1.11 ug/l
RT: 5.229 min Scan# 686
Delta R.T. 0.005 min
Lab File: 6M44264.D
Acq: 31 Jul 2009 14:09

Tgt Ion: 92 Resp: 2835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 164.8 | 99.4 | 231.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-013
Client Id: 1-30-185-GP10 (55)
Data File: 6M44101.D
Analysis Date: 07/29/09 11:43
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **4.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 1.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | **108-88-3** | **Toluene** | **1.0** | **1.1** |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 5.1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

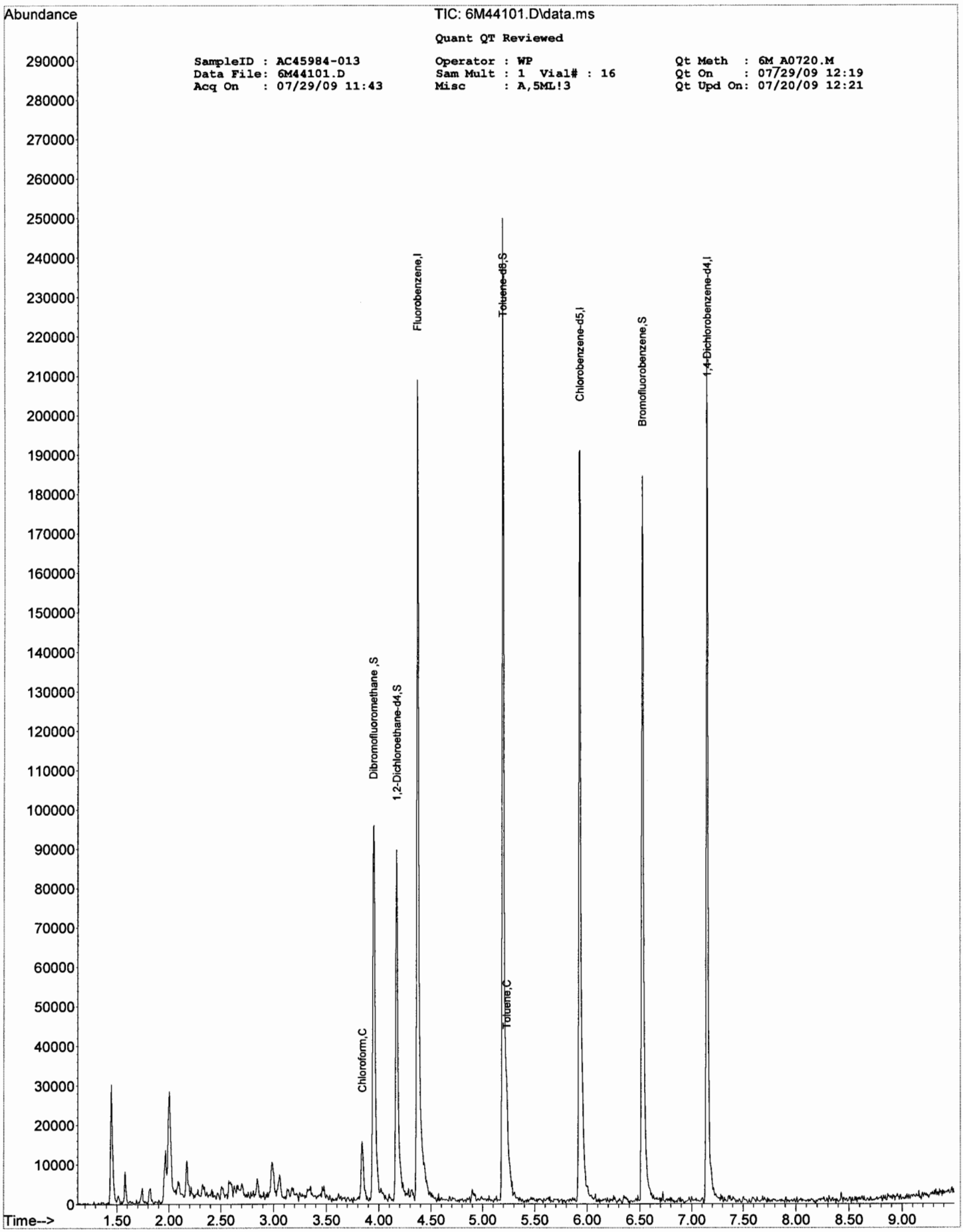
Quantitation Report (QT Reviewed)

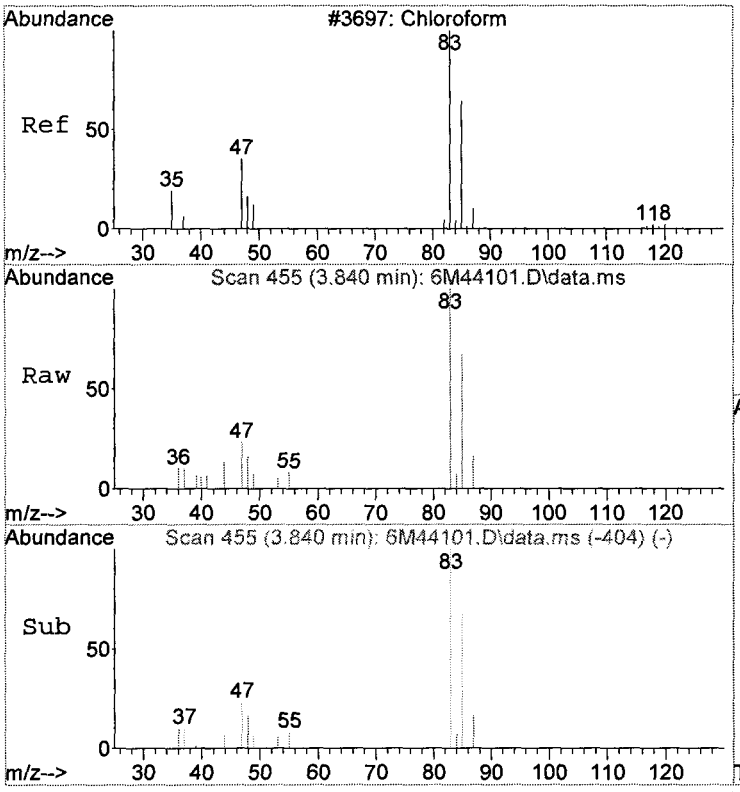
SampleID : AC45984-013 Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44101.D Sam Mult : 1 Vial# : 16 Qt On : 07/29/09 12:19
Acq On : 07/29/09 11:43 Misc : A,5ML!3 Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 147141 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 94570 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 47890 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 47257 | 33.74 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 112.47% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 26320 | 35.41 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 118.03% | | | |
| 56) Toluene-d8 | 5.194 | 98 | 126789 | 28.58 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.27% | | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 51260 | 30.89 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 102.97% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.840 | 83 | 8783 | 4.05 | ug/l | 89 |
| 57) Toluene | 5.230 | 92 | 2910 | 1.09 | ug/l | 80 |

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

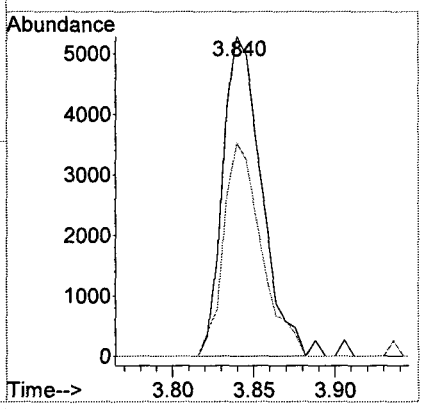

Abundance
TIC: 6M44101.D\data.ms
Quant QT Reviewed
SampleID : AC45984-013
Data File: 6M44101.D
Acq On : 07/29/09 11:43
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML!3
Qt Meth : 6M_A0720.M
Qt On : 07/29/09 12:19
Qt Upd On: 07/20/09 12:21
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

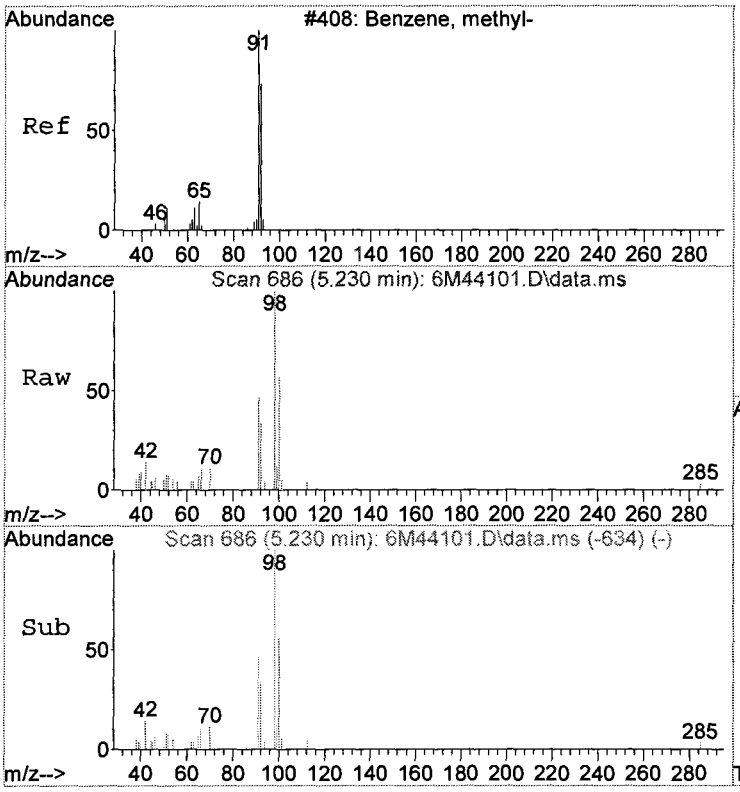



#29
Chloroform
Concen: 4.05 ug/l
RT: 3.840 min Scan# 455
Delta R.T. 0.007 min
Lab File: 6M44101.D
Acq: 29 Jul 2009 11:43

Tgt Ion: 83 Resp: 8783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.8 | 36.0 | 116.0 |

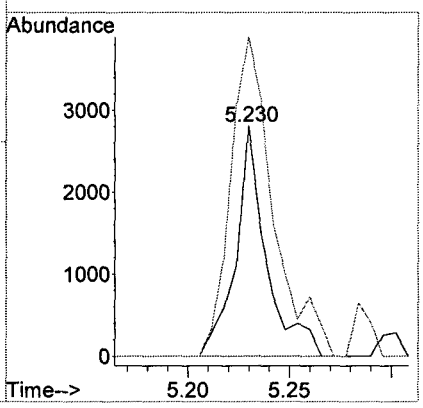



#57
Toluene
Concen: 1.09 ug/l
RT: 5.230 min Scan# 686
Delta R.T. 0.013 min
Lab File: 6M44101.D
Acq: 29 Jul 2009 11:43

Tgt Ion: 92 Resp: 2910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 138.7 | 99.4 | 231.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-014
Client Id: 1-30-185-GP10 (40)
Data File: 6M44265.D
Analysis Date: 07/31/09 14:25
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

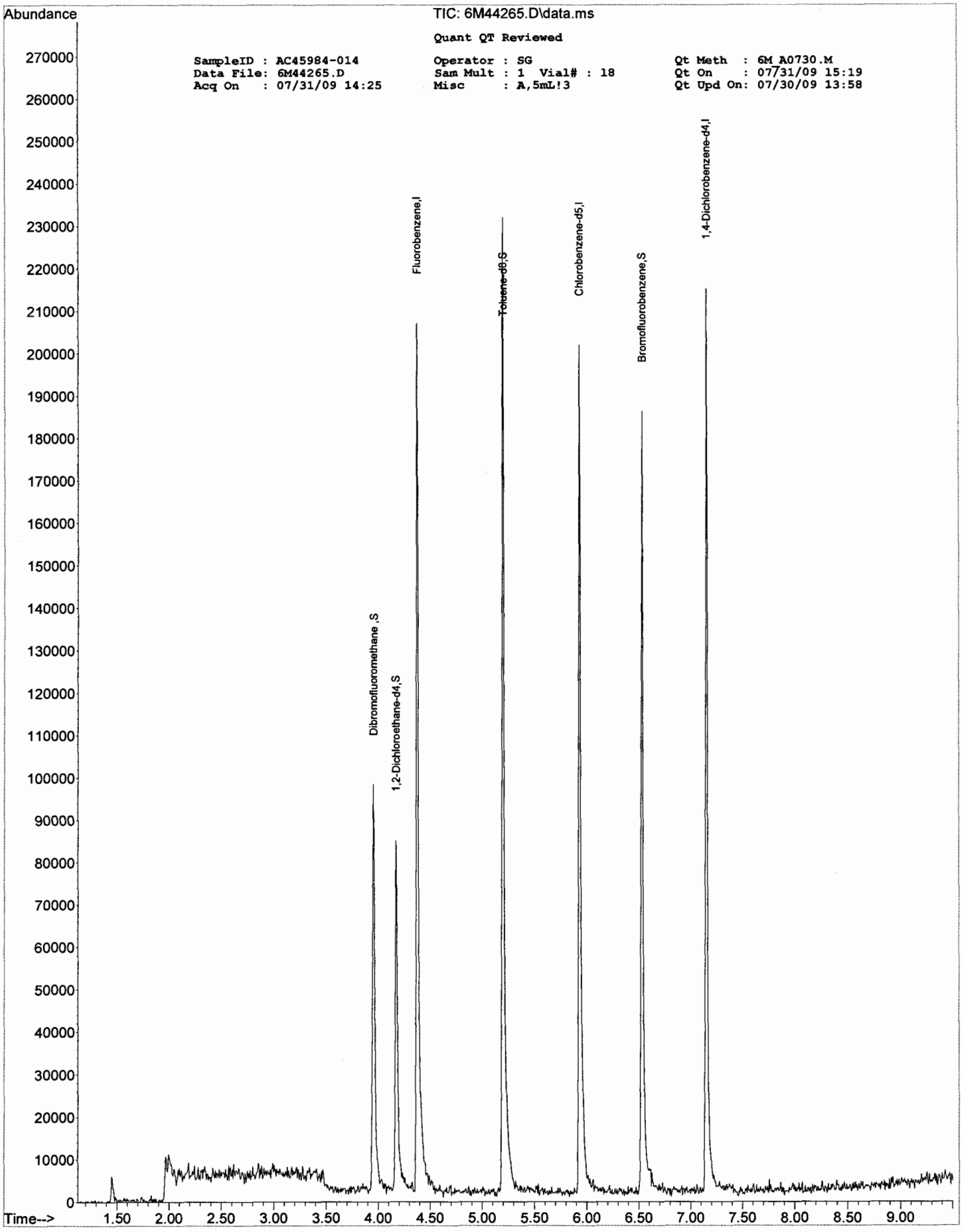
Quantitation Report (QT Reviewed)

SampleID : AC45984-014 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44265.D Sam Mult : 1 Vial# : 18 Qt On : 07/31/09 15:19
Acq On : 07/31/09 14:25 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 137937 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 93405 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.148 | 152 | 47097 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 44881 | 30.29 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 100.97% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 23462 | 29.53 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.43% | | | |
| 56) Toluene-d8 | 5.198 | 98 | 121701 | 28.37 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 94.57% | | | |
| 64) Bromofluorobenzene | 6.528 | 174 | 49835 | 29.35 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.83% | | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44265.D\data.ms
Quant QT Reviewed
SampleID : AC45984-014
Data File: 6M44265.D
Acq On : 07/31/09 14:25
Operator : SG
Sam Mult : 1 Vial# : 18
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-015
Client Id: 1-30-185-GP10 (25)
Data File: 6M44266.D
Analysis Date: 07/31/09 14:41
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

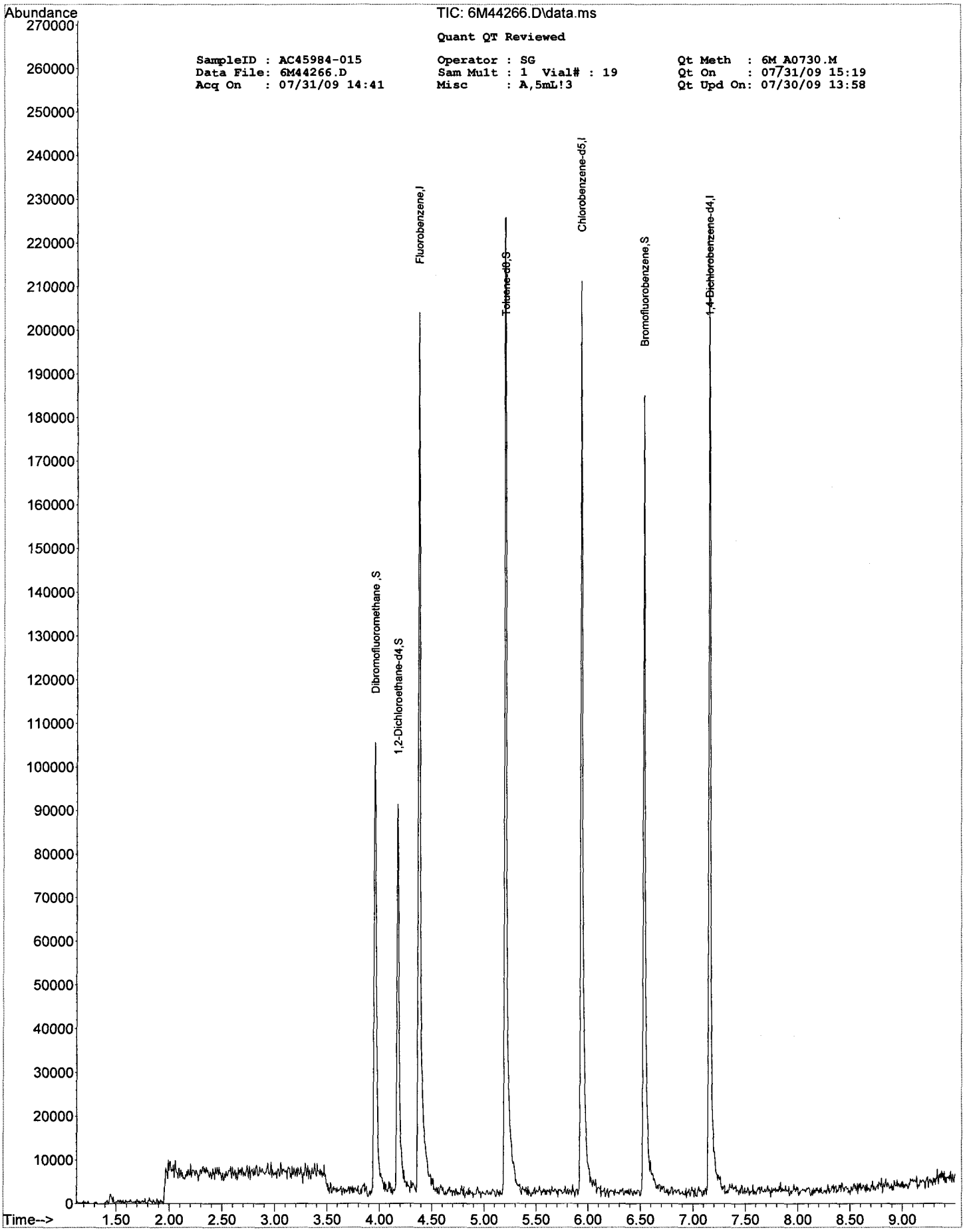
SampleID : AC45984-015 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44266.D Sam Mult : 1 Vial# : 19 Qt On : 07/31/09 15:19
Acq On : 07/31/09 14:41 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.380 | 96 | 139121 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.933 | 117 | 92559 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.155 | 152 | 48927 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.959 | 111 | 49214 | 32.94 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 109.80% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.176 | 67 | 23502 | 29.33 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.77% | | | |
| 56) Toluene-d8 | 5.205 | 98 | 126565 | 29.78 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 99.27% | | | |
| 64) Bromofluorobenzene | 6.535 | 174 | 49152 | 27.87 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 92.90% | | | |
| Target Compounds | | | | | | Qvalue |

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

100


Abundance
TIC: 6M44266.D\data.ms
Quant QT Reviewed
SampleID : AC45984-015
Data File: 6M44266.D
Acq On : 07/31/09 14:41
Operator : SG
Sam Mult : 1 Vial# : 19
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:19
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-016
Client Id: 1-30-185-GP11 (100)
Data File: 6M44102.D
Analysis Date: 07/29/09 11:58
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 1.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

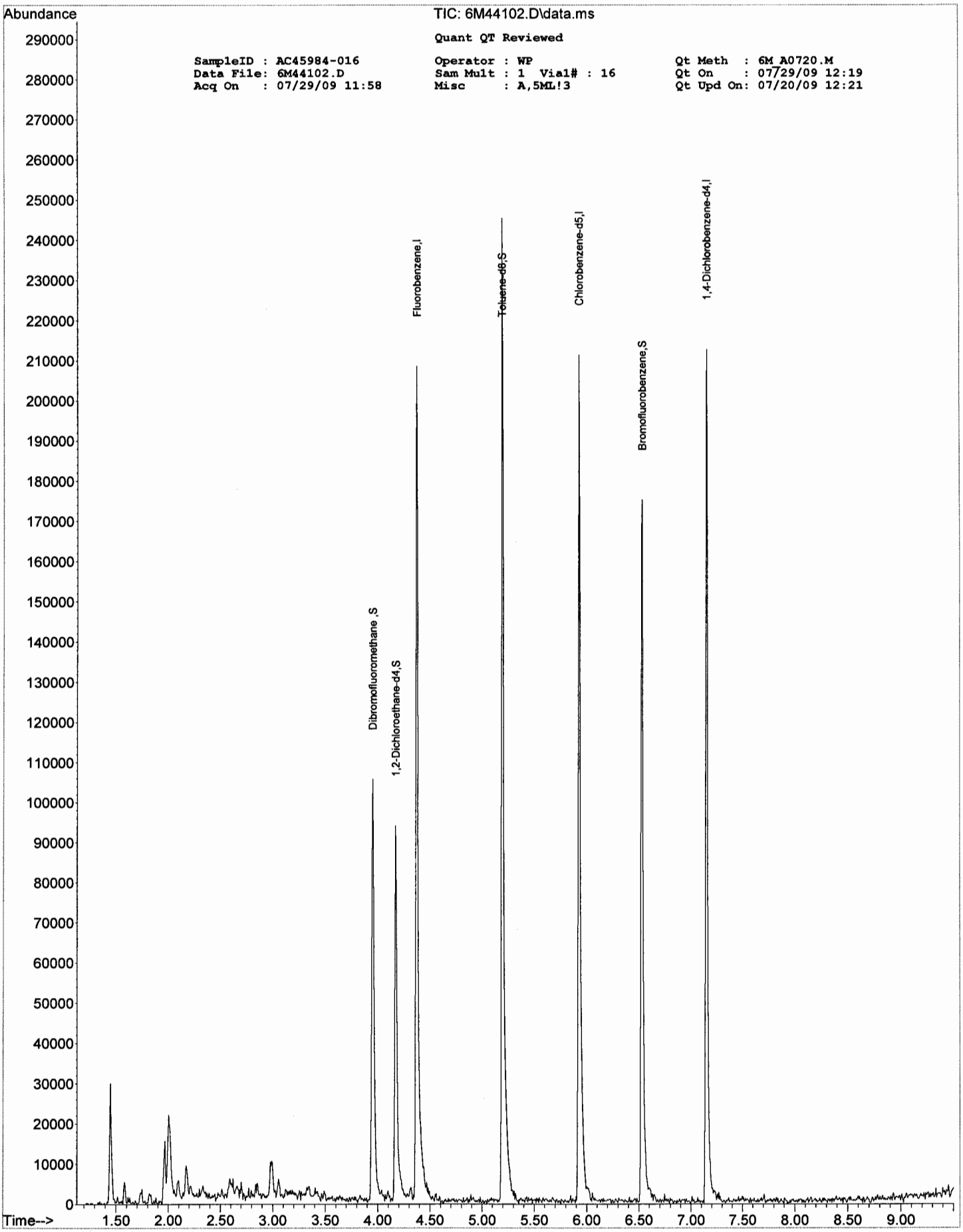
Quantitation Report (QT Reviewed)

SampleID : AC45984-016 Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44102.D Sam Mult : 1 Vial# : 16 Qt On : 07/29/09 12:19
Acq On : 07/29/09 11:58 Misc : A,5ML!3 Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 143690 | 30.00 | ug/l | 0.01 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 94957 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 50462 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49491 | 36.18 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 120.60% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 25166 | 34.67 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 115.57% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 127494 | 28.62 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.40% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 51371 | 29.38 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 97.93% | | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44102.D\data.ms
Quant QT Reviewed
SampleID : AC45984-016
Data File: 6M44102.D
Acq On : 07/29/09 11:58
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML!3
Qt Meth : 6M_A0720.M
Qt On : 07/29/09 12:19
Qt Upd On: 07/20/09 12:21
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-017
Client Id: 1-30-185-GP11 (85)
Data File: 6M44267.D
Analysis Date: 07/31/09 14:57
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.2** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2.2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

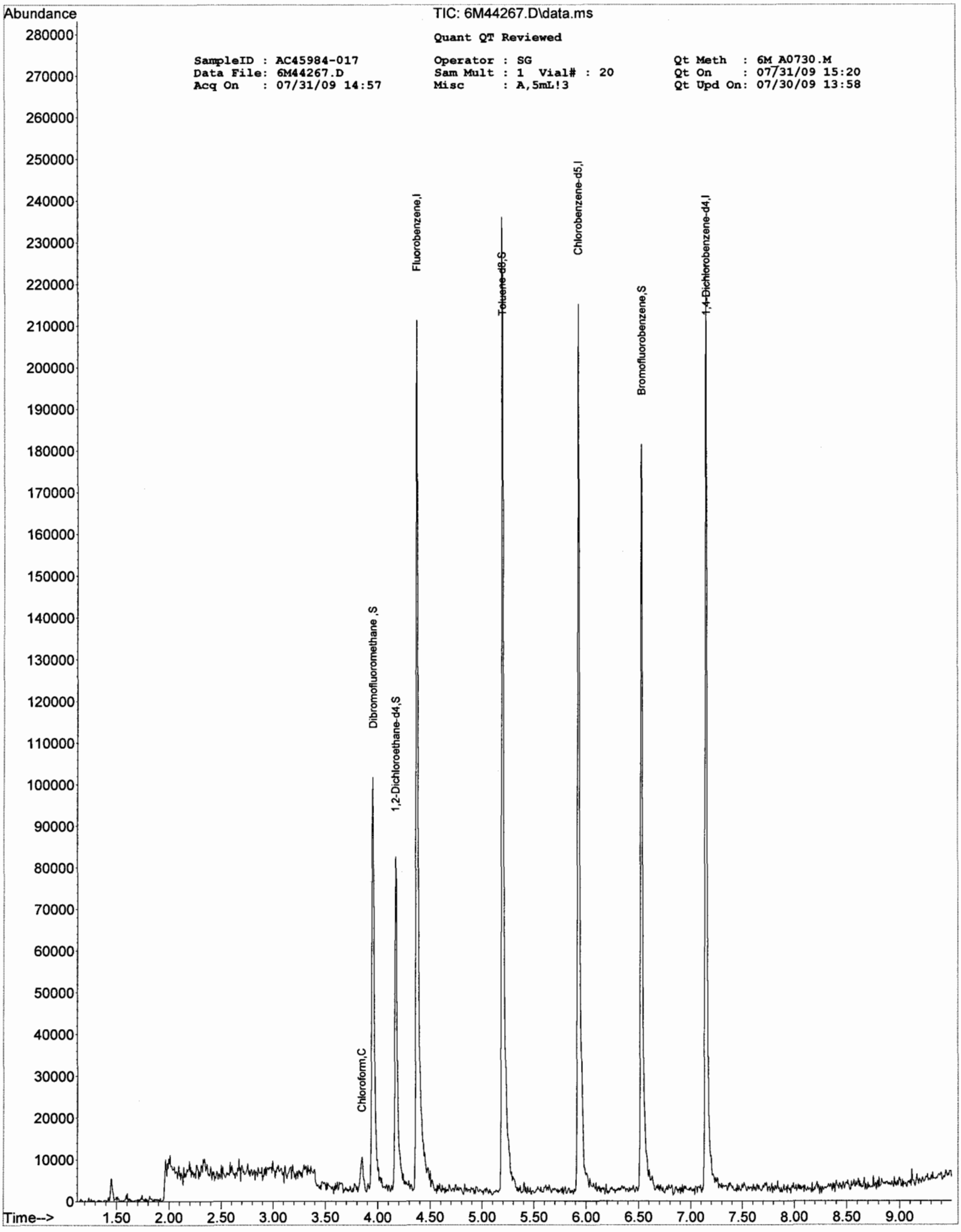
Quantitation Report (QT Reviewed)

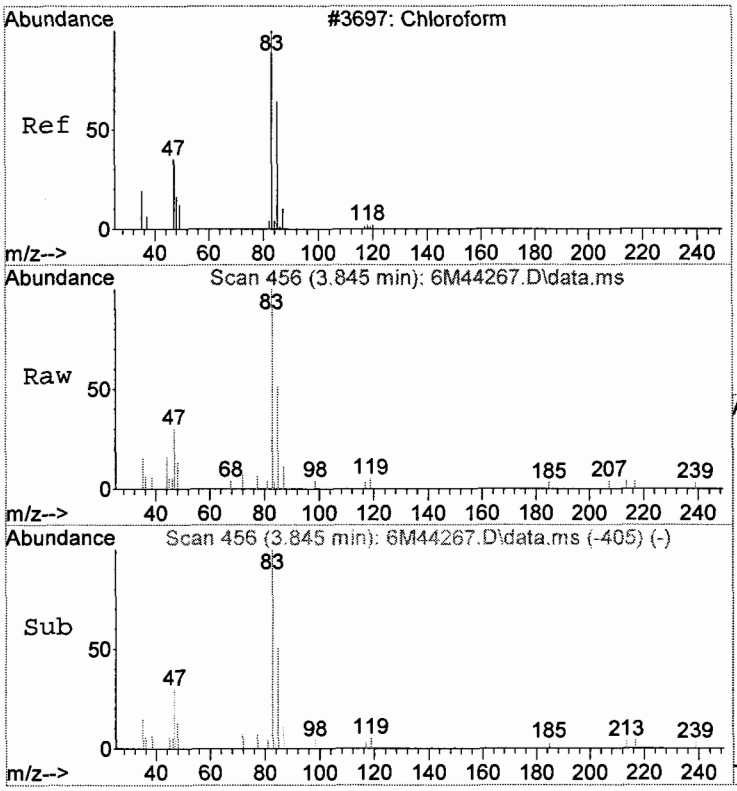
SampleID : AC45984-017 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44267.D Sam Mult : 1 Vial# : 20 Qt On : 07/31/09 15:20
Acq On : 07/31/09 14:57 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 142944 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 93561 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 49297 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 46029 | 29.98 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 99.93% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 25151 | 30.55 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 101.83% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 122910 | 28.61 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.37% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 52134 | 29.34 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.80% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.845 | 83 | 5233 | 2.15 | ug/l | 69 |

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

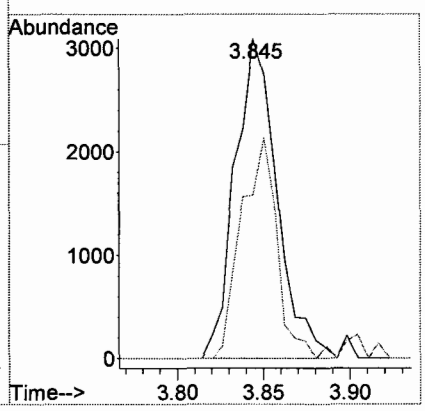

Abundance
TIC: 6M44267.D\data.ms
Quant QT Reviewed
SampleID : AC45984-017
Data File: 6M44267.D
Acq On : 07/31/09 14:57
Operator : SG
Sam Mult : 1 Vial# : 20
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:20
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#29
Chloroform
Concen: 2.15 ug/l
RT: 3.845 min Scan# 456
Delta R.T. 0.005 min
Lab File: 6M44267.D
Acq: 31 Jul 2009 14:57

Tgt Ion: 83 Resp: 5233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 49.5 | 36.0 | 116.0 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-018
Client Id: 1-30-185-GP11 (70)
Data File: 6M44268.D
Analysis Date: 07/31/09 15:12
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 1

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

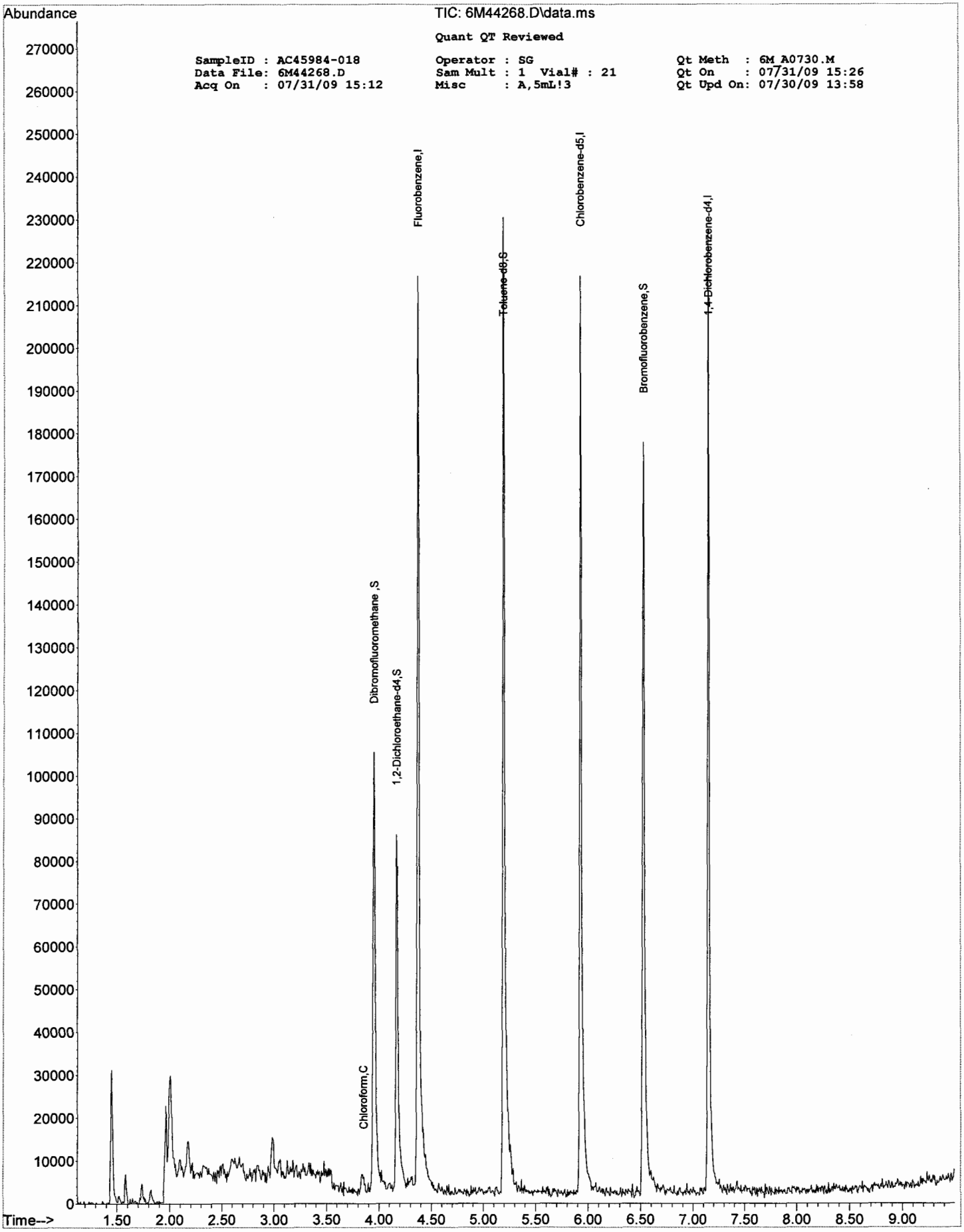
Quantitation Report (QT Reviewed)

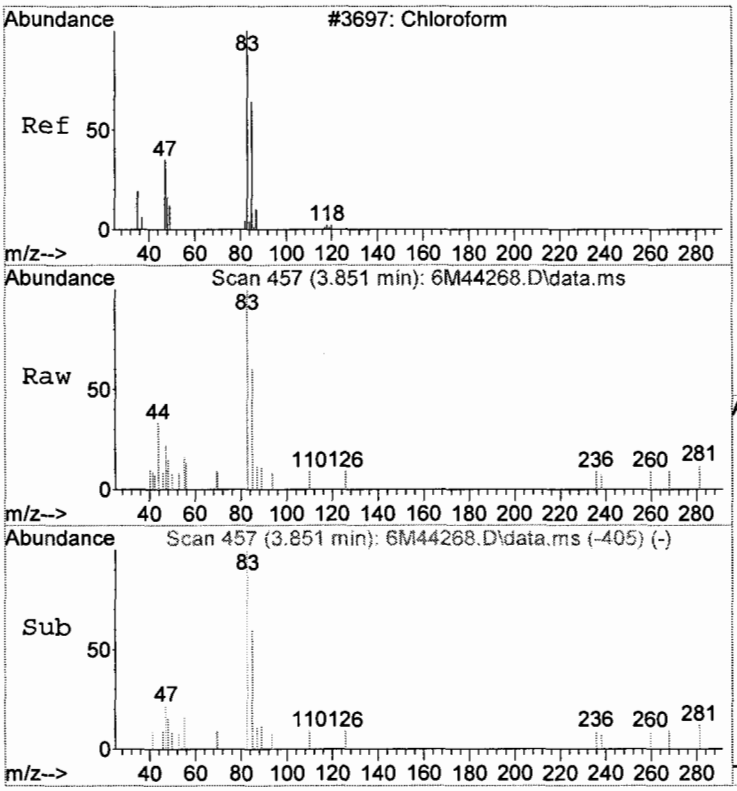
SampleID : AC45984-018 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44268.D Sam Mult : 1 Vial# : 21 Qt On : 07/31/09 15:26
Acq On : 07/31/09 15:12 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 144351 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 90445 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 47410 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 48291 | 31.15 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 103.83% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24924 | 29.98 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 99.93% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 121804 | 29.33 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 97.77% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 47515 | 27.80 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 92.67% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.851 | 83 | 2499 | 1.02 | ug/l | 81 |

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

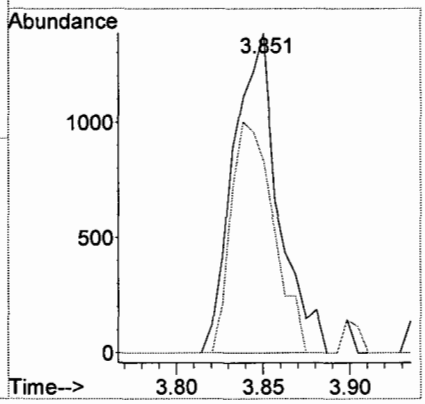

Abundance
TIC: 6M44268.D\data.ms
Quant QT Reviewed
SampleID : AC45984-018
Data File: 6M44268.D
Acq On : 07/31/09 15:12
Operator : SG
Sam Mult : 1 Vial# : 21
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 15:26
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#29
Chloroform
Concen: 1.02 ug/l
RT: 3.851 min Scan# 457
Delta R.T. 0.011 min
Lab File: 6M44268.D
Acq: 31 Jul 2009 15:12

Tgt Ion: 83 Resp: 2499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.9 | 36.0 | 116.0 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-019
Client Id: 1-30-185-GP11 (55)
Data File: 6M44269.D
Analysis Date: 07/31/09 15:28
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.0** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

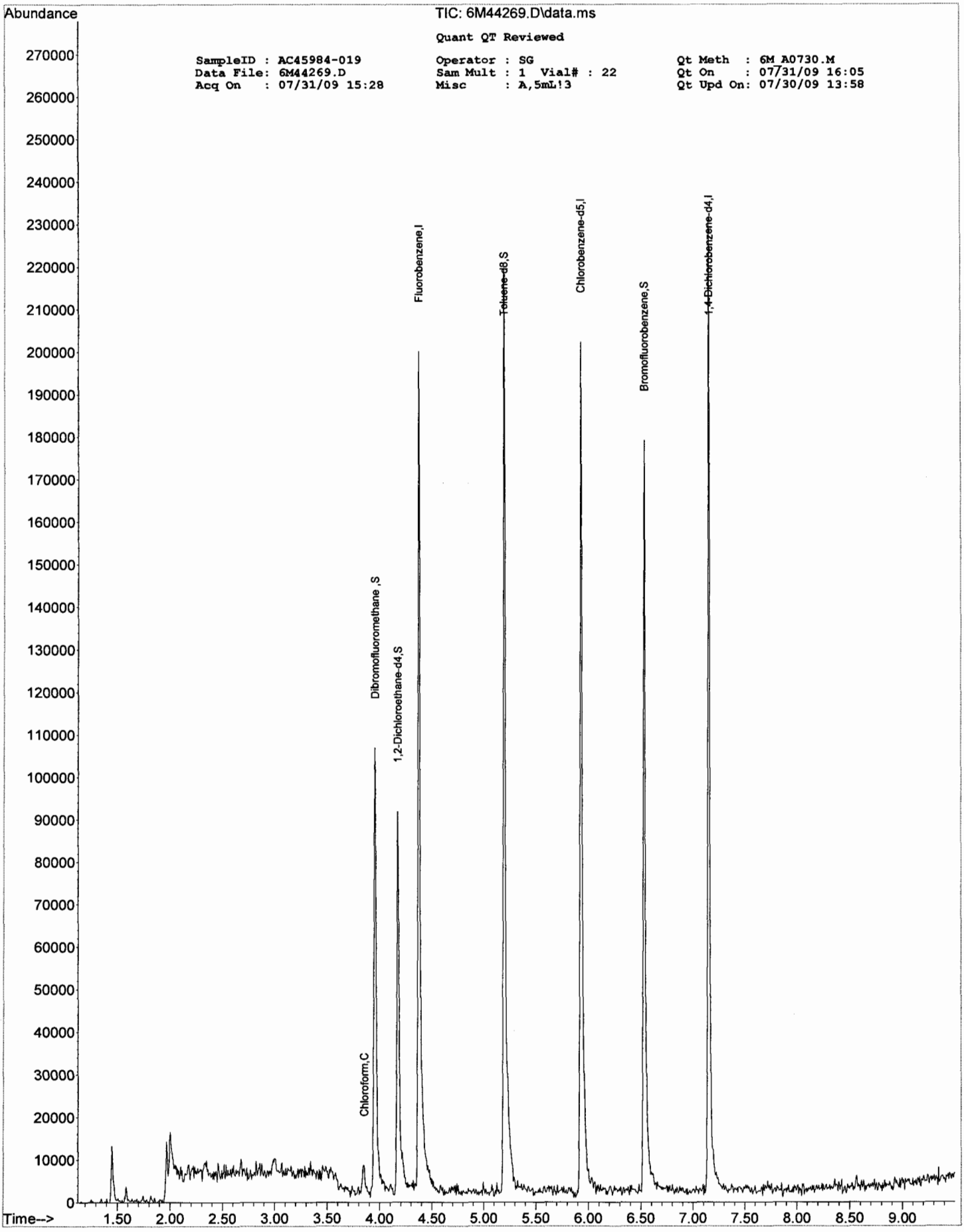
Quantitation Report (QT Reviewed)

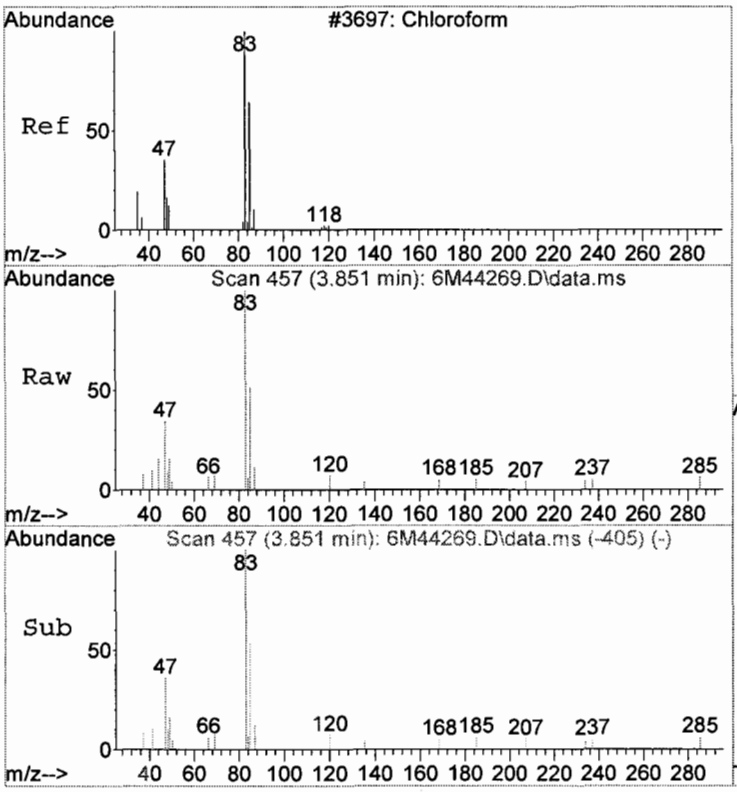
SampleID : AC45984-019 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44269.D Sam Mult : 1 Vial# : 22 Qt On : 07/31/09 16:05
Acq On : 07/31/09 15:28 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 129385 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 94937 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 50418 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 48617 | 34.99 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 116.63% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24952 | 33.49 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 111.63% | | |
| 56) Toluene-d8 | 5.193 | 98 | 120472 | 27.63 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.10% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 50477 | 27.77 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.57% | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.851 | 83 | 4280 | 1.95 | ug/l | 71 |

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

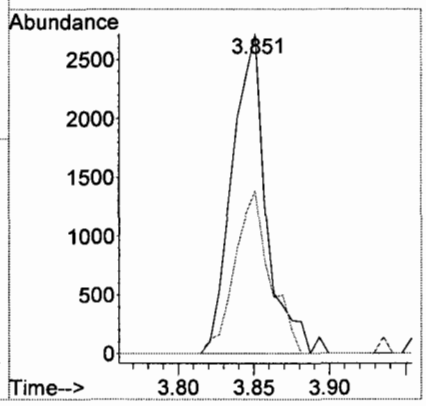

Abundance
TIC: 6M44269.D\data.ms
Quant QT Reviewed
SampleID : AC45984-019
Data File: 6M44269.D
Acq On : 07/31/09 15:28
Operator : SG
Sam Mult : 1 Vial# : 22
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 16:05
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#29
Chloroform
Concen: 1.95 ug/l
RT: 3.851 min Scan# 457
Delta R.T. 0.011 min
Lab File: 6M44269.D
Acq: 31 Jul 2009 15:28

Tgt Ion: 83 Resp: 4280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 50.8 | 36.0 | 116.0 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-020
Client Id: 1-30-185-GP11 (40)
Data File: 6M44270.D
Analysis Date: 07/31/09 15:44
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

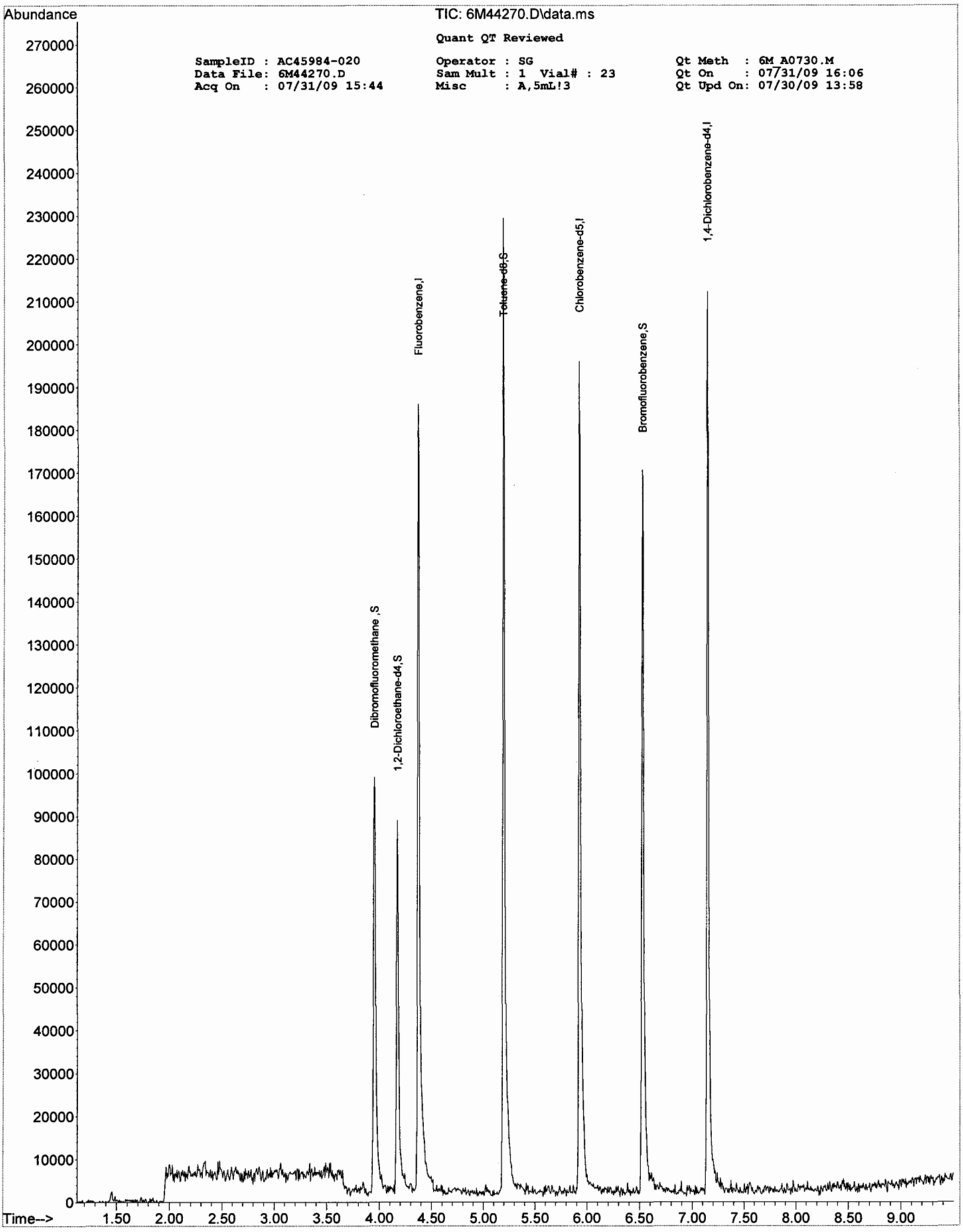
Quantitation Report (QT Reviewed)

SampleID : AC45984-020 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44270.D Sam Mult : 1 Vial# : 23 Qt On : 07/31/09 16:06
Acq On : 07/31/09 15:44 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 132370 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 87348 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 45883 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 47767 | 33.60 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 112.00% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 23232 | 30.48 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.60% | | |
| 56) Toluene-d8 | 5.194 | 98 | 117167 | 29.21 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.37% | | |
| 64) Bromofluorobenzene | 6.530 | 174 | 48264 | 29.18 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.27% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44270.D\data.ms
Quant QT Reviewed
SampleID : AC45984-020
Data File: 6M44270.D
Acq On : 07/31/09 15:44
Operator : SG
Sam Mult : 1 Vial# : 23
Misc : A,5mL!3
Qt Meth : 6M A0730.M
Qt On : 07/31/09 16:06
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-021
Client Id: 1-30-185-GP11 (25)
Data File: 6M44271.D
Analysis Date: 07/31/09 16:00
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.7** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | **127-18-4** | **Tetrachloroethene** | **1.0** | **2.5** |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 4.2

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

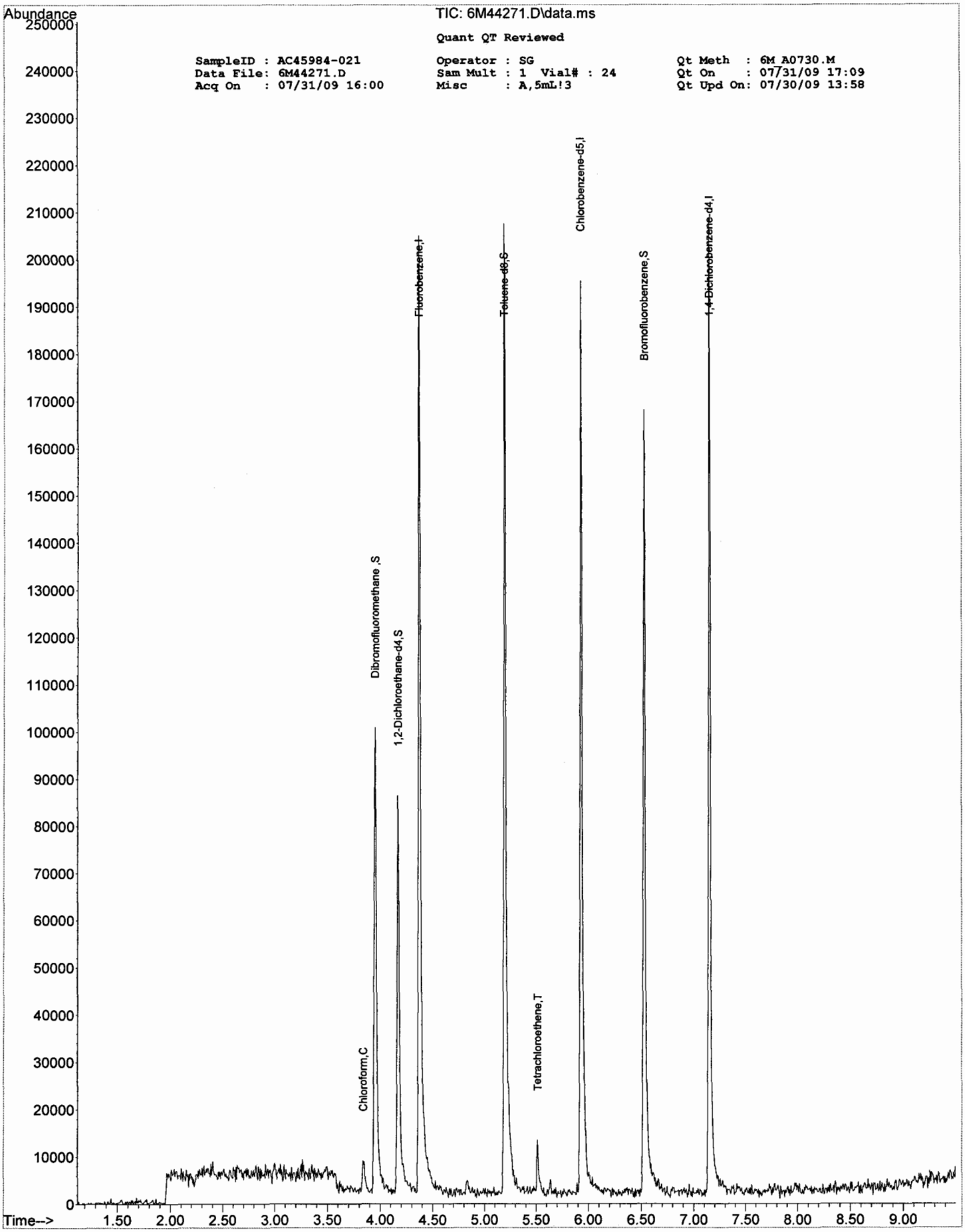
Quantitation Report (QT Reviewed)

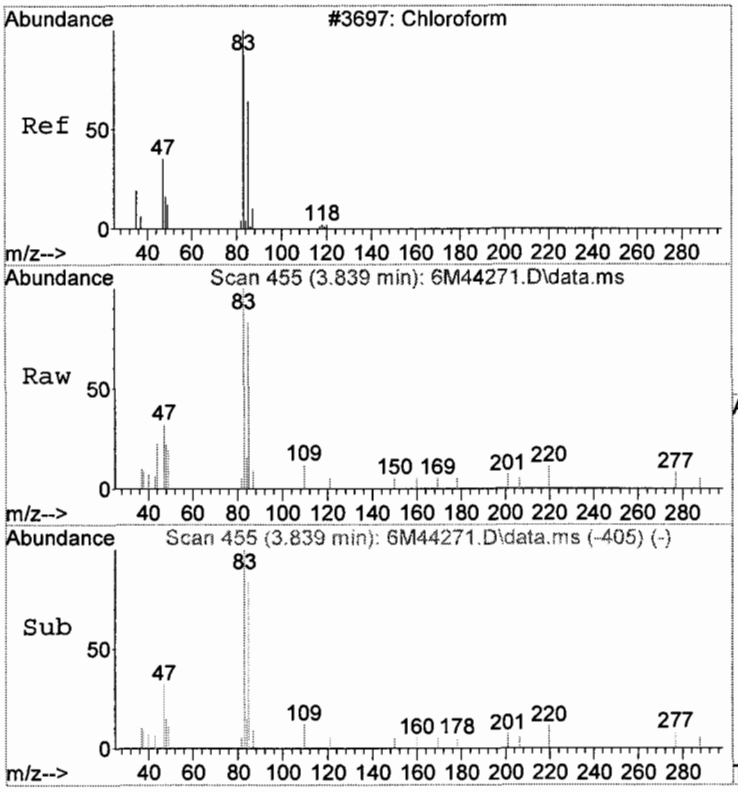
SampleID : AC45984-021 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44271.D Sam Mult : 1 Vial# : 24 Qt On : 07/31/09 17:09
Acq On : 07/31/09 16:00 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 136616 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 88065 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 46540 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 45825 | 31.23 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 104.10% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 23224 | 29.52 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.40% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 115869 | 28.65 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.50% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 47913 | 28.56 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.20% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.839 | 83 | 3963 | 1.71 | ug/l | 92 |
| 55) Tetrachloroethene | 5.512 | 164 | 2422 | 2.49 | ug/l | 96 |

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

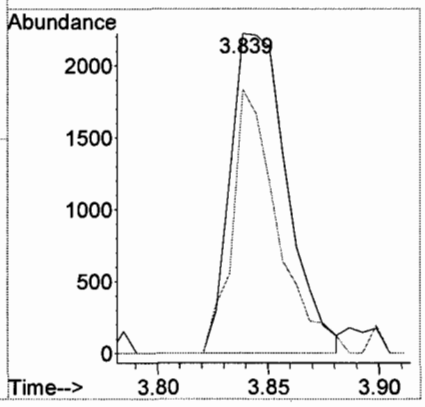

TIC: 6M44271.D\data.ms
Quant QT Reviewed
SampleID : AC45984-021
Data File: 6M44271.D
Acq On : 07/31/09 16:00
Operator : SG
Sam Mult : 1 Vial# : 24
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 17:09
Qt Upd On: 07/30/09 13:58
Abundance
Time-->
Chloroform,C
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I

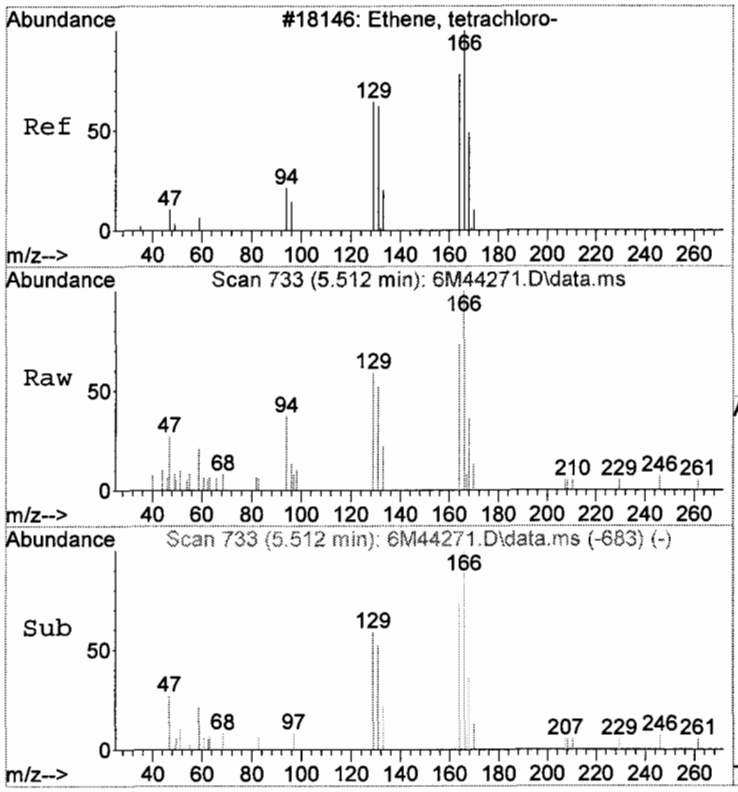



#29
Chloroform
Concen: 1.71 ug/l
RT: 3.839 min Scan# 455
Delta R.T. -0.001 min
Lab File: 6M44271.D
Acq: 31 Jul 2009 16:00

Tgt Ion: 83 Resp: 3963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 82.5 | 36.0 | 116.0 |

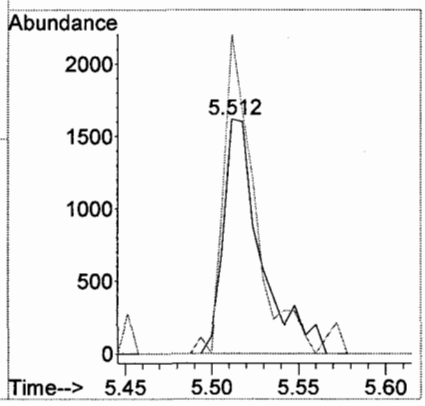



#55
Tetrachloroethene
Concen: 2.49 ug/l
RT: 5.512 min Scan# 733
Delta R.T. -0.001 min
Lab File: 6M44271.D
Acq: 31 Jul 2009 16:00

Tgt Ion:164 Resp: 2422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 136.2 | 61.8 | 201.8 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-022
Client Id: 1-30-185-GP12 (100)
Data File: 6M44272.D
Analysis Date: 07/31/09 16:16
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

SampleID : AC45984-022 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44272.D Sam Mult : 1 Vial# : 25 Qt On : 07/31/09 17:09
Acq On : 07/31/09 16:16 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

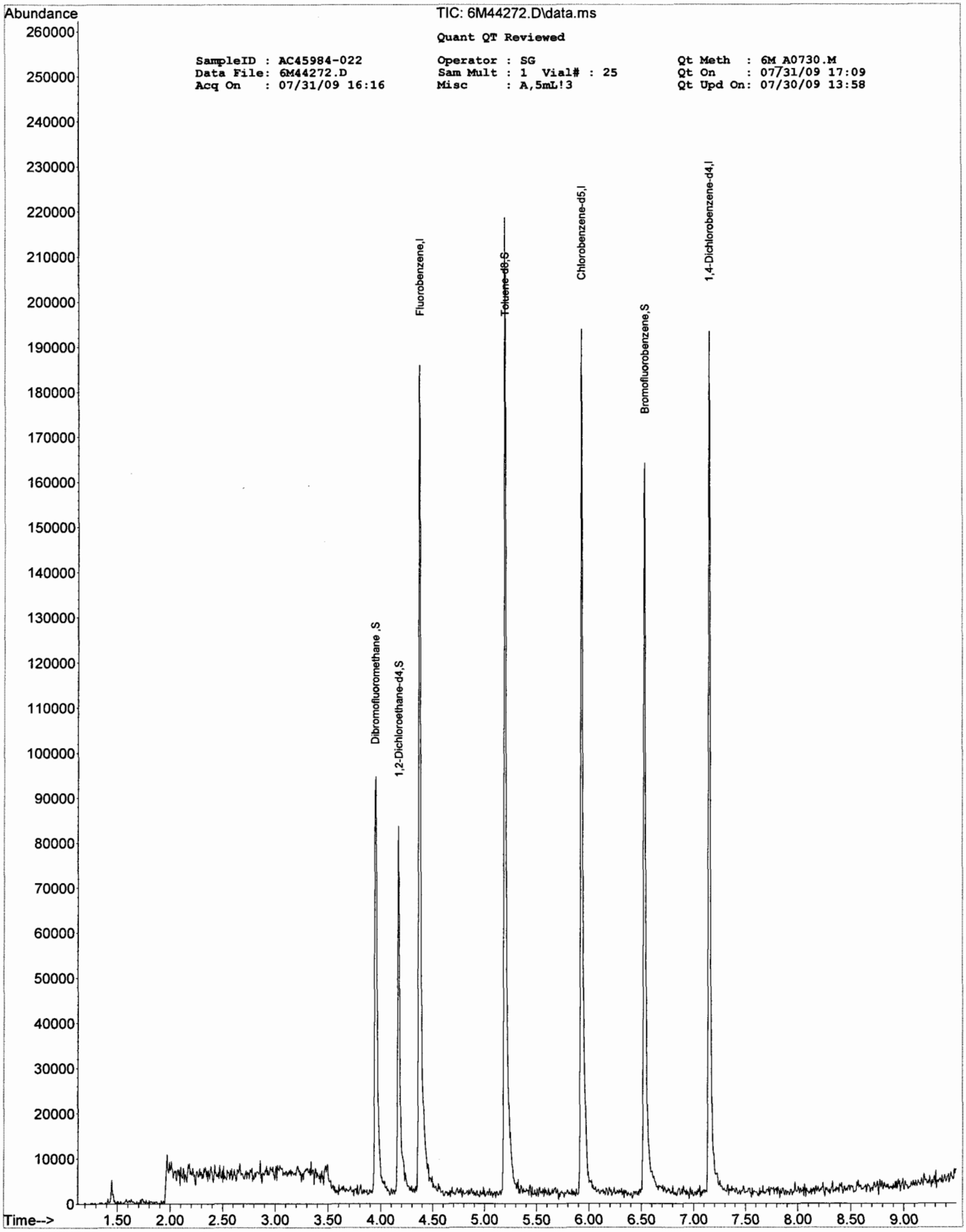
Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 128755 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 88865 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 43079 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 47475 | 34.33 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 114.43% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 23311 | 31.44 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 104.80% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 113607 | 27.84 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 92.80% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 47093 | 30.32 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 101.07% | | | |

Target Compounds Qvalue

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

VC


Abundance
TIC: 6M44272.D\data.ms
Quant QT Reviewed
SampleID : AC45984-022
Data File: 6M44272.D
Acq On : 07/31/09 16:16
Operator : SG
Sam Mult : 1 Vial# : 25
Misc : A,5mL!3
Qt Meth : 6M A0730.M
Qt On : 07/31/09 17:09
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-023
Client Id: 1-30-185-GP12 (85)
Data File: 6M44273.D
Analysis Date: 07/31/09 16:31
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **2.6** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 2.6

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

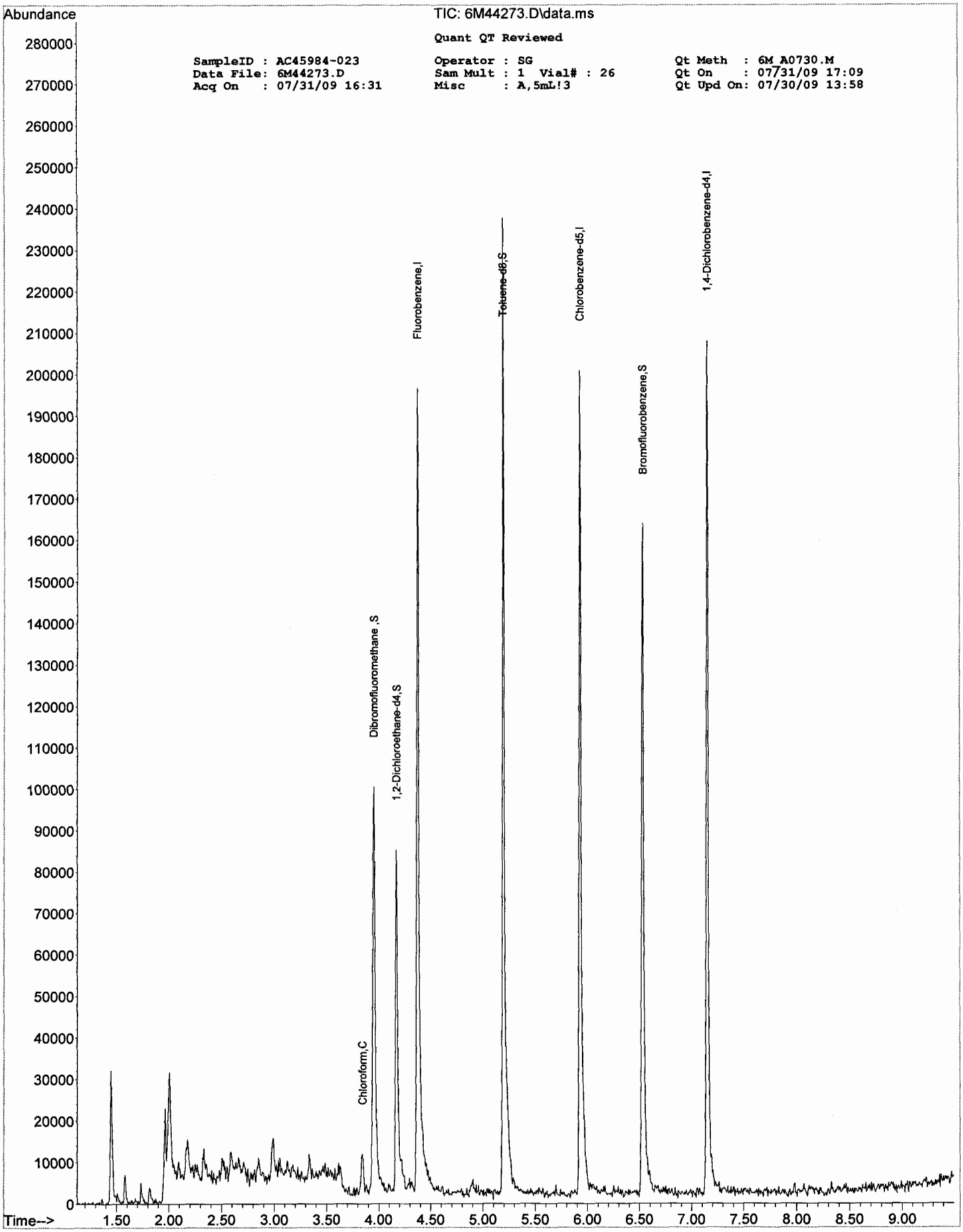
Quantitation Report (QT Reviewed)

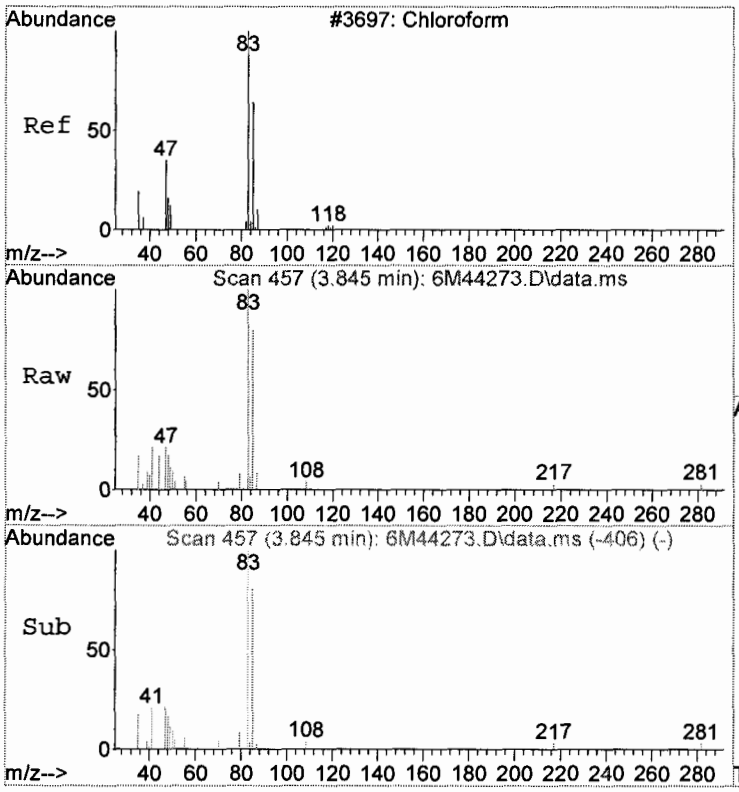
SampleID : AC45984-023 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44273.D Sam Mult : 1 Vial# : 26 Qt On : 07/31/09 17:09
Acq On : 07/31/09 16:31 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 134112 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 87869 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 46848 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 47919 | 33.27 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 110.90% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26861 | 34.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 115.93% | | |
| 56) Toluene-d8 | 5.194 | 98 | 121174 | 30.03 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.10% | | |
| 64) Bromofluorobenzene | 6.530 | 174 | 47950 | 28.39 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.63% | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.845 | 83 | 6004 | 2.63 | ug/l | 96 |

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

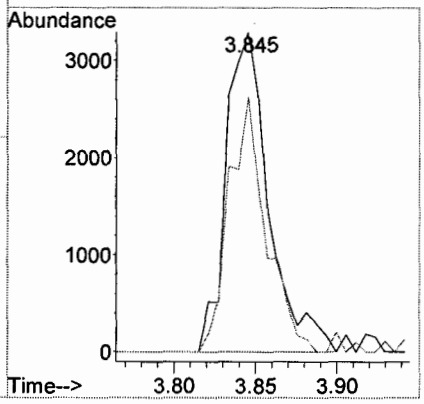

Abundance
TIC: 6M44273.D\data.ms
Quant QT Reviewed
SampleID : AC45984-023
Data File: 6M44273.D
Acq On : 07/31/09 16:31
Operator : SG
Sam Mult : 1 Vial# : 26
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 17:09
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#29
Chloroform
Concen: 2.63 ug/l
RT: 3.845 min Scan# 457
Delta R.T. 0.006 min
Lab File: 6M44273.D
Acq: 31 Jul 2009 16:31

Tgt Ion: 83 Resp: 6004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 79.7 | 36.0 | 116.0 |



# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-024
Client Id: 1-30-185-GP12 (70)
Data File: 6M44277.D
Analysis Date: 07/31/09 17:39
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

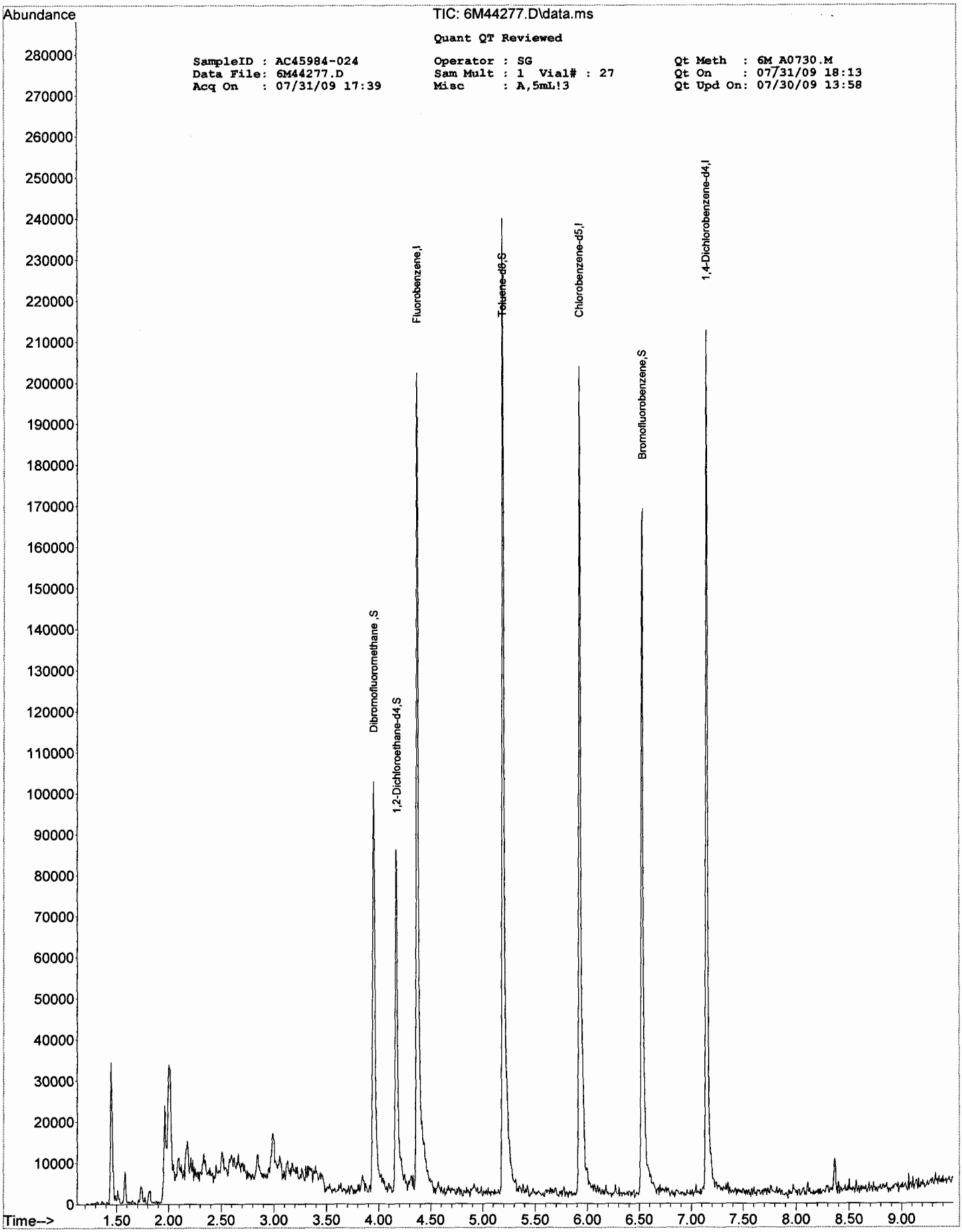
Quantitation Report (QT Reviewed)

SampleID : AC45984-024 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44277.D Sam Mult : 1 Vial# : 27 Qt On : 07/31/09 18:13
Acq On : 07/31/09 17:39 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 143542 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 89882 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 46236 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49264 | 31.95 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.50% | | |
| 32) 1,2-Dichloroethane-d4 | 4.176 | 67 | 23983 | 29.01 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.70% | | |
| 56) Toluene-d8 | 5.193 | 98 | 123524 | 29.93 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.77% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 49141 | 29.48 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.27% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44277.D\data.ms
Quant QT Reviewed
SampleID : AC45984-024
Data File: 6M44277.D
Acq On : 07/31/09 17:39
Operator : SG
Sam Mult : 1 Vial# : 27
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:13
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-025
Client Id: 1-30-185-GP12 (55)
Data File: 6M44278.D
Analysis Date: 07/31/09 17:55
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

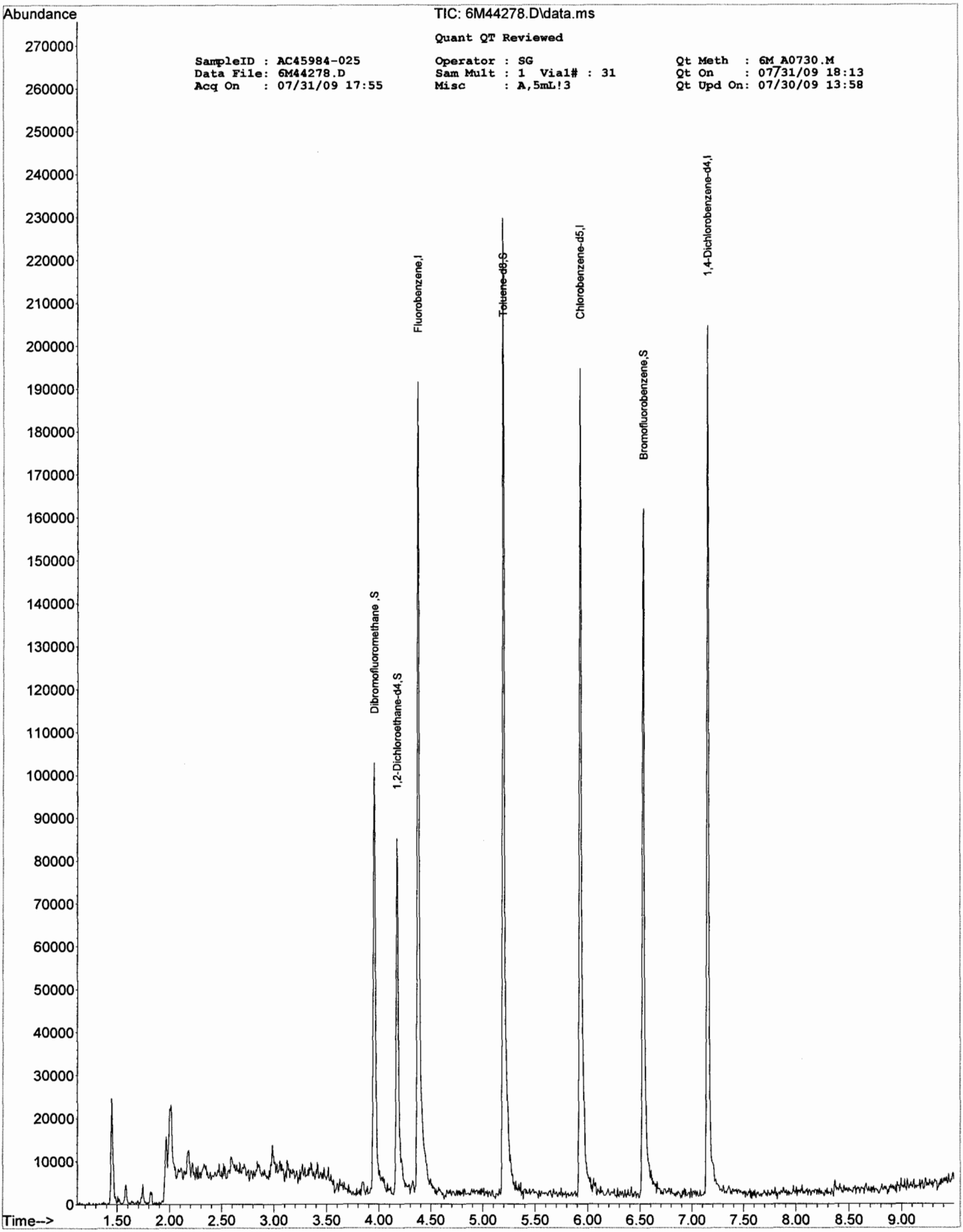
Quantitation Report (QT Reviewed)

SampleID : AC45984-025 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44278.D Sam Mult : 1 Vial# : 31 Qt On : 07/31/09 18:13
Acq On : 07/31/09 17:55 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 130432 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 85969 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 44994 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 46044 | 32.87 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 109.57% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24390 | 32.47 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 108.23% | | |
| 56) Toluene-d8 | 5.193 | 98 | 118282 | 29.96 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.87% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 48228 | 29.73 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.10% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44278.D\data.ms
Quant QT Reviewed
SampleID : AC45984-025
Data File: 6M44278.D
Acq On : 07/31/09 17:55
Operator : SG
Sam Mult : 1 Vial# : 31
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:13
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-026
Client Id: 1-30-185-GP12 (40)
Data File: 6M44279.D
Analysis Date: 07/31/09 18:10
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

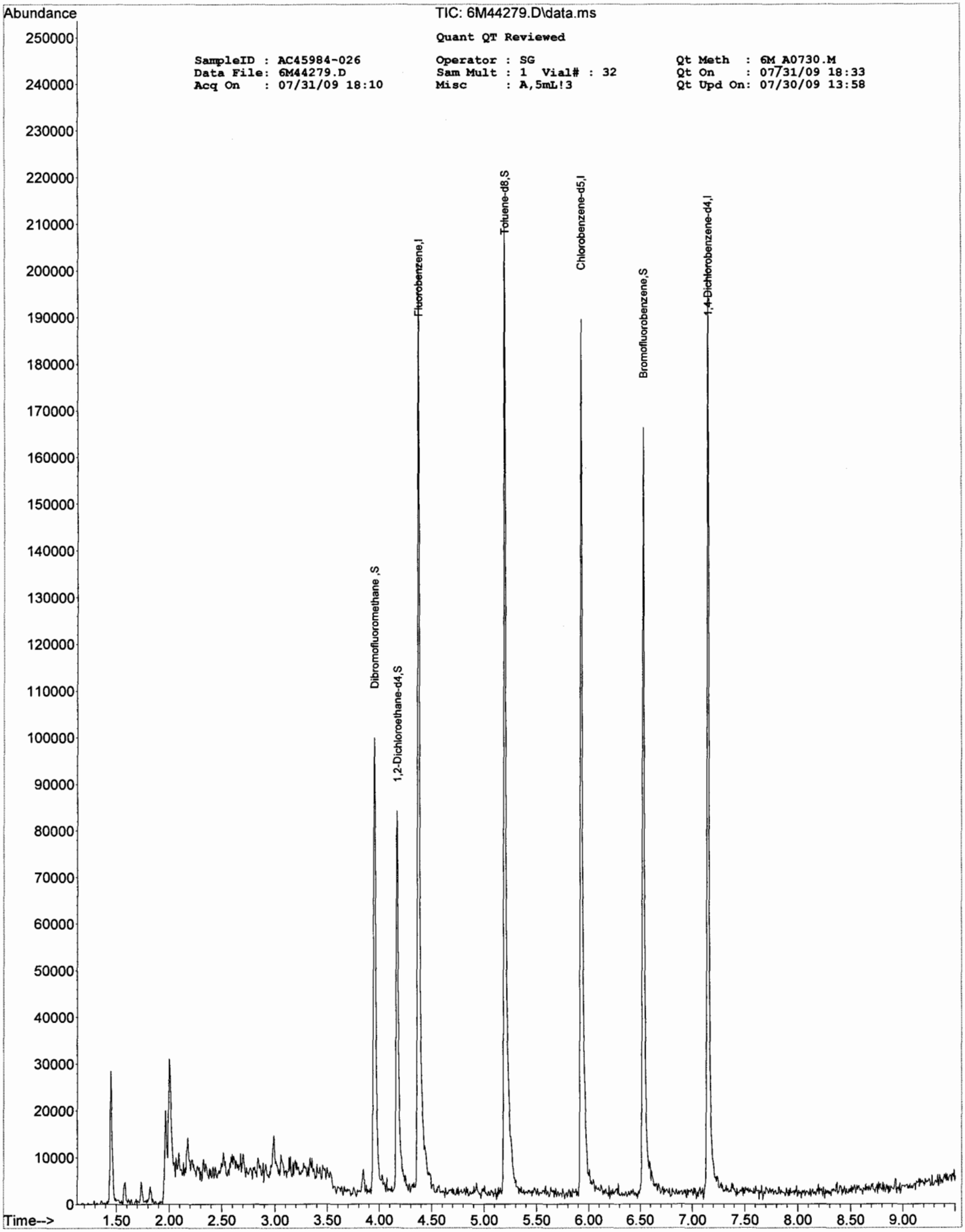
Quantitation Report (QT Reviewed)

SampleID : AC45984-026 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44279.D Sam Mult : 1 Vial# : 32 Qt On : 07/31/09 18:33
Acq On : 07/31/09 18:10 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 134564 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 85015 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.148 | 152 | 42152 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 47782 | 33.06 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 110.20% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.175 | 67 | 24721 | 31.90 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 106.33% | | | |
| 56) Toluene-d8 | 5.198 | 98 | 115189 | 29.50 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.33% | | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 45061 | 29.65 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.83% | | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44279.D\data.ms
Quant QT Reviewed
SampleID : AC45984-026
Data File: 6M44279.D
Acq On : 07/31/09 18:10
Operator : SG
Sam Mult : 1 Vial# : 32
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:33
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45984-027
Client Id: 1-30-185-GP12 (25)
Data File: 6M44280.D
Analysis Date: 07/31/09 18:26
Date Rec/Extracted: 07/24/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | **67-66-3** | **Chloroform** | **1.0** | **1.7** |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | 1330-20-7 | Xylenes (Total) | 1 | U |

Worksheet #: 125219

***Total Target Concentration*** 1.7

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

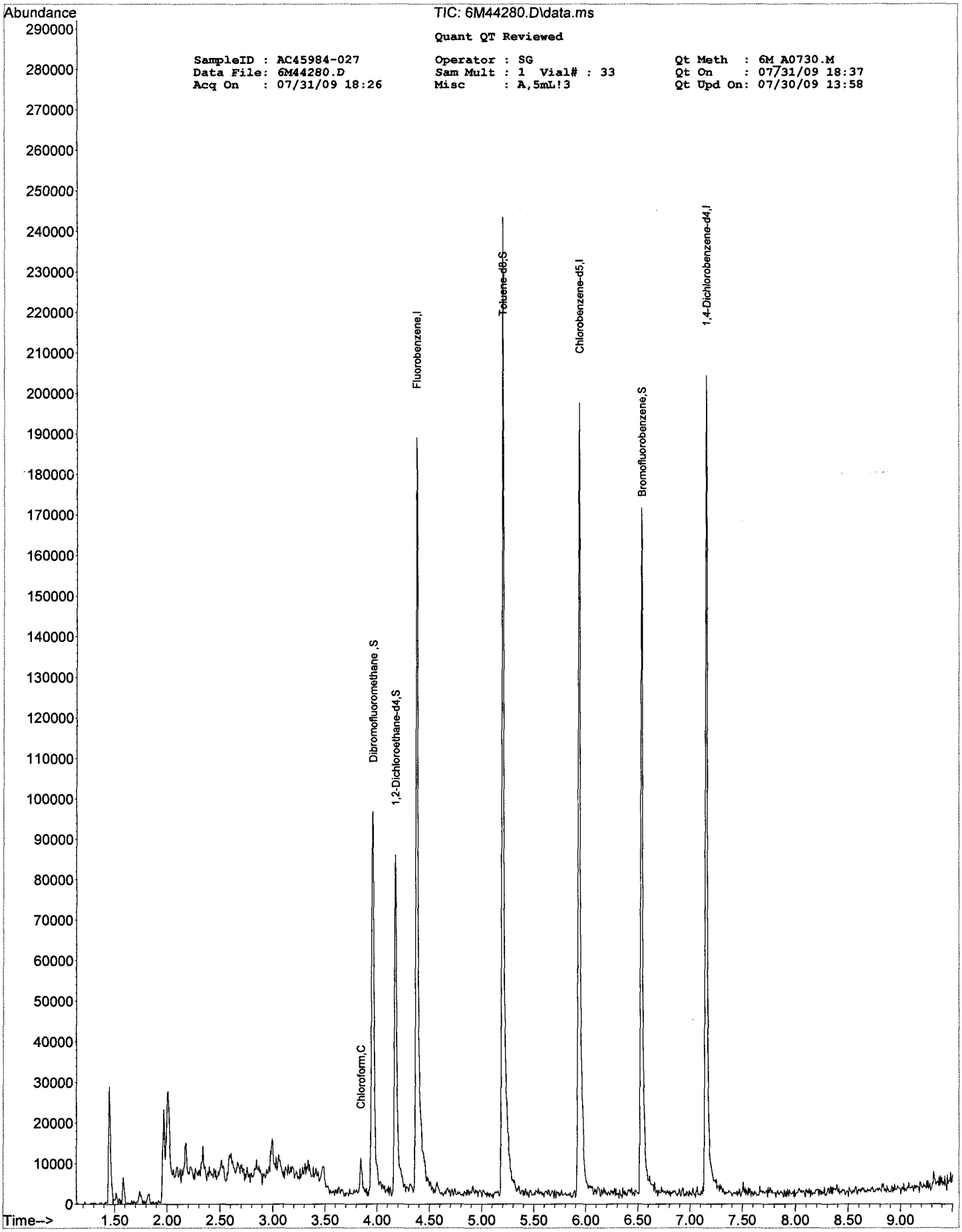
Quantitation Report (QT Reviewed)

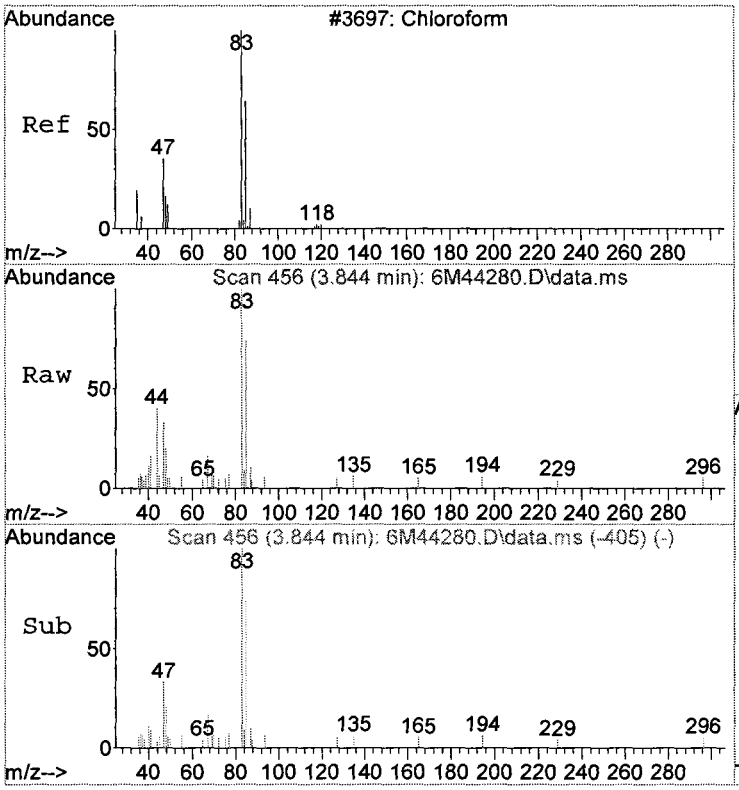
SampleID : AC45984-027 Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44280.D Sam Mult : 1 Vial# : 33 Qt On : 07/31/09 18:37
Acq On : 07/31/09 18:26 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 132998 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.933 | 117 | 90644 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.154 | 152 | 46322 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.959 | 111 | 49282 | 34.50 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 115.00% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.175 | 67 | 23895 | 31.20 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 104.00% | | | |
| 56) Toluene-d8 | 5.198 | 98 | 118468 | 28.46 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 94.87% | | | |
| 64) Bromofluorobenzene | 6.535 | 174 | 47514 | 28.45 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 94.83% | | | |
| Target Compounds | | | | | | Qvalue |
| 29) Chloroform | 3.844 | 83 | 3939 | 1.74 | ug/l | 97 |

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

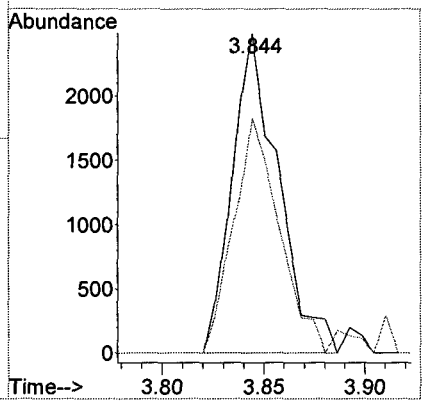

Abundance
TIC: 6M44280.D\data.ms
Quant QT Reviewed
SampleID : AC45984-027
Data File: 6M44280.D
Acq On : 07/31/09 18:26
Operator : SG
Sam Mult : 1 Vial# : 33
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:37
Qt Upd On: 07/30/09 13:58
Chloroform,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->




#29
Chloroform
Concen: 1.74 ug/l
RT: 3.844 min Scan# 456
Delta R.T. 0.005 min
Lab File: 6M44280.D
Acq: 31 Jul 2009 18:26

Tgt Ion: 83 Resp: 3939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 73.5 | 36.0 | 116.0 |



# GC/MS Volatile Data
# Standards Data

# Form 6
## Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

0189

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M43663. | CAL @ 20 PPB | 07/20/09 11:06 | 2 | 6M43658. | CAL @ 5 PPB | 07/20/09 09:47 |
| 3 | 6M43664. | CAL @ 10 PPB | 07/20/09 11:22 | 4 | 6M43662. | CAL @ 50 PPB | 07/20/09 10:51 |
| 5 | 6M43661. | CAL @ 100 PPB | 07/20/09 10:35 | 6 | 6M43660. | CAL @ 250 PPB | 07/20/09 10:19 |
| 7 | 6M43659. | CAL @ 500 PPB | 07/20/09 10:03 | 8 | 6M43656. | CAL @ 1 PPB | 07/20/09 09:15 |
| 9 | 6M43657. | CAL @ 0.5 PPB | 07/20/09 09:31 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorodifluoromethane | 1 | 0 | Avg | 0.4713 | 0.3945 | 0.4546 | 0.4828 | 0.4954 | 0.4910 | 0.4601 | 0.3941 | ----- | 0.456 | 1.27 | 0.999 | 1.00 | 8.8 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dichlorodifluoromethan | 1 | 0 | LinF | 0.2654 | 0.1906 | 0.2901 | 0.2543 | 0.2744 | 0.2683 | 0.2560 | 0.0928 | ----- | 0.237 | 1.26 | 0.999 | 1.00 | 28 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloromethane | 1 | 0 | Avg | 0.2814 | 0.2494 | 0.2605 | 0.2596 | 0.2640 | 0.2633 | 0.2733 | 0.2449 | ----- | 0.262 | 1.38 | 1.00 | 1.00 | 4.5 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromomethane | 1 | 0 | Avg | 0.1777 | 0.1774 | 0.1956 | 0.1795 | 0.1821 | 0.1447 | ----- | 0.1532 | ----- | 0.173 | 1.68 | 0.989 | 1.00 | 10 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| Vinyl Chloride | 1 | 0 | Avg | 0.2278 | 0.1935 | 0.2368 | 0.2378 | 0.2364 | 0.2371 | 0.2252 | 0.1745 | ----- | 0.221 | 1.46 | 0.999 | 1.00 | 11 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloroethane | 1 | 0 | LinF | 0.1337 | 0.1198 | 0.1413 | 0.1363 | 0.1402 | 0.1286 | ----- | 0.0842 | ----- | 0.126 | 1.75 | 0.999 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| Trichlorofluoromethane | 1 | 0 | LinF | 0.3680 | 0.2908 | 0.3934 | 0.3498 | 0.3745 | 0.3558 | 0.3311 | 0.2251 | ----- | 0.336 | 1.94 | 0.998 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2-Trichloro-1.2.2-tri | 1 | 0 | LinF | 0.1658 | 0.1318 | 0.1771 | 0.1656 | 0.1794 | 0.1727 | 0.1521 | 0.0910 | ----- | 0.154 | 2.30 | 0.996 | 1.00 | 19 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methylene Chloride | 1 | 0 | Avg | 0.1917 | 0.1854 | 0.1943 | 0.1821 | 0.1836 | 0.1814 | 0.1684 | 0.1619 | ----- | 0.181 | 2.63 | 0.999 | 1.00 | 6.1 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Acrolein | 1 | 0 | Avg | 0.0376 | 0.0384 | 0.0353 | 0.0359 | 0.0345 | 0.0353 | 0.0309 | 0.0388 | ----- | 0.0359 | 2.21 | 0.996 | 1.00 | 7.1 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| Acrylonitrile | 1 | 0 | Avg | 0.0821 | 0.1031 | 0.0735 | 0.0732 | 0.0732 | 0.0726 | 0.0677 | 0.0667 | ----- | 0.0766 | 2.80 | 0.999 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Iodomethane | 1 | 0 | Avg | 0.4125 | 0.3472 | 0.3793 | 0.3900 | 0.4121 | 0.3833 | 0.3544 | 0.3358 | ----- | 0.377 | 2.40 | 0.998 | 1.00 | 7.6 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Acetone | 1 | 0 | Lin | 0.0775 | 0.0761 | 0.0817 | 0.0691 | 0.0705 | 0.0668 | 0.0631 | 0.1267 | ----- | 0.0790 | 2.32 | 0.999 | 1.00 | 26 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| Carbon Disulfide | 1 | 0 | Avg | 0.5503 | 0.4442 | 0.5697 | 0.5495 | 0.5737 | 0.5410 | 0.5041 | 0.4308 | ----- | 0.520 | 2.46 | 0.998 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| t-Butyl Alcohol | 1 | 0 | Avg | 0.0248 | 0.0249 | 0.0224 | 0.0200 | 0.0205 | 0.0211 | 0.0214 | 0.0245 | ----- | 0.0225 | 2.70 | 1.00 | 1.00 | 8.9 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| n-Hexane | 1 | 0 | LinF | 0.1304 | 0.1149 | 0.1396 | 0.1357 | 0.1494 | 0.1382 | 0.1354 | 0.0466 | ----- | 0.124 | 3.04 | 1.00 | 1.00 | 26 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Di-isopropyl-ether | 1 | 0 | Avg | 0.9639 | 0.9959 | 0.9610 | 0.9453 | 0.9894 | 0.9372 | 0.8693 | 0.9775 | ----- | 0.955 | 3.20 | 0.998 | 1.00 | 4.2 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1-Dichloroethene | 1 | 0 | Avg | 0.2985 | 0.2512 | 0.3175 | 0.3001 | 0.3117 | 0.3003 | 0.2693 | 0.2137 | ----- | 0.283 | 2.29 | 0.997 | 1.00 | 13 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methyl Acetate | 1 | 0 | Lin | 0.2106 | 0.2817 | 0.2373 | 0.1997 | 0.1901 | 0.1852 | ----- | 0.1881 | ----- | 0.213 | 2.55 | 1.00 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| Methyl-t-butyl ether | 1 | 0 | Avg | 0.7291 | 0.6865 | 0.7387 | 0.7123 | 0.7292 | 0.6945 | 0.6164 | 0.7500 | 0.6733 | 0.703 | 2.83 | 0.996 | 1.00 | 5.9 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | 0.50 |
| 1.1-Dichloroethane | 1 | 0 | Avg | 0.3590 | 0.3517 | 0.3888 | 0.3779 | 0.3983 | 0.3845 | 0.3472 | 0.3454 | ----- | 0.369 | 3.15 | 0.997 | 1.00 | 5.6 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.2-Dichloroether | 1 | 0 | Avg | 0.1738 | 0.1522 | 0.1845 | 0.1694 | 0.1818 | 0.1603 | 0.1398 | 0.1511 | ----- | 0.164 | 2.84 | 0.994 | 1.00 | 9.7 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| cis-1.2-Dichloroethene | 1 | 0 | LinF | 0.3919 | 0.3215 | 0.3228 | 0.3938 | 0.4001 | 0.3971 | 0.3352 | 0.2227 | ----- | 0.348 | 3.59 | 0.992 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromochloromethane | 1 | 0 | Avg | 0.1891 | 0.2043 | 0.2172 | 0.2002 | 0.2067 | 0.2082 | 0.1972 | 0.2307 | ----- | 0.207 | 3.77 | 0.999 | 1.00 | 6.2 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2.2-Dichloropropane | 1 | 0 | Avg | 0.3298 | 0.3238 | 0.2780 | 0.3399 | 0.3634 | 0.3474 | 0.3014 | 0.2906 | ----- | 0.322 | 3.60 | 0.994 | 1.00 | 9.2 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.4-Dioxane | 1 | 0 | Avg | 0.0037 | 0.0037 | 0.0035 | 0.0034 | 0.0034 | 0.0034 | 0.0031 | 0.0024 | ----- | 0.00337 | 4.75 | 0.999 | 1.00 | 13 | | 1000. | 250.0 | 500.0 | 2500. | 5000. | 1250 | 2500 | 50.00 | |
| 1.1-Dichloropropene | 1 | 0 | LinF | 0.3238 | 0.2459 | 0.3539 | 0.3135 | 0.3450 | 0.3125 | 0.2828 | 0.1732 | ----- | 0.294 | 4.08 | 0.997 | 1.00 | 20 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloroform | 1 | 0 | Avg | 0.4629 | 0.4196 | 0.4958 | 0.4389 | 0.4611 | 0.4508 | 0.4243 | 0.3801 | ----- | 0.442 | 3.83 | 0.999 | 1.00 | 7.9 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromofluoromethane | 1 | 0 | Avg | 0.2733 | 0.2907 | 0.3029 | 0.2869 | 0.2817 | 0.2845 | 0.2683 | 0.2990 | 0.2829 | 0.286 | 3.94 | -1 | -1 | 3.9 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Cyclohexane | 1 | 0 | LinF | 0.3457 | 0.2477 | 0.3402 | 0.3148 | 0.3555 | 0.3382 | 0.3101 | 0.1524 | ----- | 0.301 | 4.01 | 0.998 | 1.00 | 23 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | Avg | 0.1520 | 0.1595 | 0.1573 | 0.1614 | 0.1409 | 0.1509 | 0.1454 | 0.1510 | 0.1454 | 0.152 | 4.16 | -1 | -1 | 4.6 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| 1.2-Dichloroethane | 1 | 0 | Lin | 0.3753 | 0.3414 | 0.3808 | 0.3614 | 0.3743 | 0.3548 | 0.3063 | 0.2719 | 0.2710 | 0.338 | 4.21 | 0.994 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | 0.50 |
| 2-Butanone | 1 | 0 | Avg | 0.1561 | 0.1538 | 0.1322 | 0.1461 | 0.1367 | 0.1311 | 0.1163 | 0.0981 | ----- | 0.134 | 3.60 | 0.996 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.1-Trichloroethane | 1 | 0 | Avg | 0.3894 | 0.3299 | 0.3999 | 0.3995 | 0.4243 | 0.4091 | 0.3812 | 0.3023 | ----- | 0.380 | 3.97 | 0.999 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Carbon Tetrachloride | 1 | 0 | Lin | 0.3320 | 0.2918 | 0.3593 | 0.3316 | 0.3547 | 0.3274 | 0.2921 | 0.2052 | ----- | 0.312 | 4.08 | 0.996 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Vinyl Acetate | 1 | 0 | Avg | 0.9369 | 0.9322 | 0.9196 | 0.9311 | 0.9373 | 0.9434 | 0.8573 | 1.2428 | ----- | 0.963 | 3.19 | 0.998 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromodichloromethane | 1 | 0 | Avg | 0.3857 | 0.3553 | 0.3662 | 0.3814 | 0.4112 | 0.4013 | 0.3673 | 0.3226 | ----- | 0.374 | 4.82 | 0.998 | 1.00 | 7.4 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methylcyclohexane | 1 | 0 | LinF | 0.2294 | 0.1641 | 0.2299 | 0.2202 | 0.2354 | 0.2126 | 0.1849 | 0.0759 | ----- | 0.194 | 4.68 | 0.994 | 1.00 | 28 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromomethane | 1 | 0 | Avg | 0.2491 | 0.2156 | 0.2509 | 0.2299 | 0.2325 | 0.2221 | 0.1942 | 0.1728 | ----- | 0.221 | 4.75 | 0.995 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichloropropane | 1 | 0 | Avg | 0.2651 | 0.2336 | 0.2676 | 0.2701 | 0.2717 | 0.2556 | 0.2274 | 0.2357 | ----- | 0.253 | 4.68 | 0.996 | 1.00 | 7.2 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Trichloroethene | 1 | 0 | Avg | 0.2712 | 0.1934 | 0.2698 | 0.2686 | 0.2787 | 0.2673 | 0.2337 | 0.1897 | ----- | 0.247 | 4.57 | 0.995 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

***Flags***

*a - failed the spcc criteria* * - ccc compound*

*b - failed the ccc criteria* ** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

***Note:*** Avg Rsd: 13.2

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

# Form 6
## Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M43663. | CAL @ 20 PPB | 07/20/09 11:06 | 2 | 6M43658. | CAL @ 5 PPB | 07/20/09 09:47 |
| 3 | 6M43664. | CAL @ 10 PPB | 07/20/09 11:22 | 4 | 6M43662. | CAL @ 50 PPB | 07/20/09 10:51 |
| 5 | 6M43661. | CAL @ 100 PPB | 07/20/09 10:35 | 6 | 6M43660. | CAL @ 250 PPB | 07/20/09 10:19 |
| 7 | 6M43659. | CAL @ 500 PPB | 07/20/09 10:03 | 8 | 6M43656. | CAL @ 1 PPB | 07/20/09 09:15 |
| 9 | 6M43657. | CAL @ 0.5 PPB | 07/20/09 09:31 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1 | 0 | Lin | 0.9147 | 0.8296 | 0.9665 | 0.8937 | 0.9344 | 0.8840 | 0.7810 | 0.7890 | 0.6505 | 0.849 | 4.21 | 0.996 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | 0.50 |
| tert-Amyl methyl ether | 1 | 0 | Avg | 0.5645 | 0.5421 | 0.5411 | 0.5436 | 0.5695 | 0.5699 | 0.5309 | 0.4294 | ----- | 0.536 | 4.27 | 0.999 | 1.00 | 8.5 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromochloromethane | 1 | 0 | Avg | 0.4885 | 0.4047 | 0.4439 | 0.4653 | 0.5374 | 0.5212 | 0.5159 | 0.3247 | ----- | 0.463 | 5.62 | 1.00 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Chloroethylvinylether | 1 | 0 | LinF | 0.2284 | 0.1939 | 0.2189 | 0.2212 | 0.2680 | 0.2614 | 0.2578 | 0.1603 | ----- | 0.226 | 4.96 | 1.00 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| cis-1.3-Dichloropropene | 1 | 0 | LinF | 0.5839 | 0.5236 | 0.5773 | 0.5912 | 0.6506 | 0.6465 | 0.6466 | 0.3333 | ----- | 0.569 | 5.04 | 1.00 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.3-Dichloroprope | 1 | 0 | LinF | 0.5305 | 0.4483 | 0.4854 | 0.5373 | 0.6239 | 0.6104 | 0.6100 | 0.3149 | ----- | 0.520 | 5.32 | 1.00 | 1.00 | 20 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2-Trichloroethane | 1 | 0 | LinF | 0.3557 | 0.3125 | 0.3730 | 0.3472 | 0.3817 | 0.3642 | 0.3573 | 0.1998 | ----- | 0.336 | 5.42 | 1.00 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dibromoethane | 1 | 0 | LinF | 0.4049 | 0.3613 | 0.3904 | 0.3857 | 0.4351 | 0.4139 | 0.4150 | 0.2353 | ----- | 0.380 | 5.69 | 1.00 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3-Dichloropropane | 1 | 0 | Avg | 0.5649 | 0.5418 | 0.5358 | 0.5416 | 0.6092 | 0.5499 | 0.5060 | 0.4804 | ----- | 0.541 | 5.50 | 0.997 | 1.00 | 7.1 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 4-Methyl-2-Pentanone | 1 | 0 | Avg | 0.5059 | 0.4310 | 0.4965 | 0.4527 | 0.4951 | 0.5063 | 0.5110 | 0.5753 | ----- | 0.497 | 5.11 | 1.00 | 1.00 | 8.6 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Hexanone | 1 | 0 | LinF | 0.3334 | 0.2549 | 0.2844 | 0.3173 | 0.3543 | 0.3497 | 0.3526 | 0.0919 | ----- | 0.292 | 5.53 | 1.00 | 1.00 | 30 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Tetrachloroethene | 1 | 0 | LinF | 0.3460 | 0.2384 | 0.3345 | 0.3078 | 0.3380 | 0.2922 | ----- | 0.1643 | ----- | 0.289 | 5.50 | 0.996 | 0.999 | 23 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| Toluene-d8 | 1 | 0 | Avg | 1.4198 | 1.2945 | 1.4335 | 1.4151 | 1.4379 | 1.4584 | 1.5364 | 1.3351 | 1.3355 | 1.41 | 5.19 | -1 | -1 | 5.3 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Toluene | 1 | 0 | Avg | 0.9067 | 0.7334 | 0.8887 | 0.8443 | 0.9363 | 0.8692 | 0.8157 | 0.7675 | ----- | 0.845 | 5.22 | 0.999 | 1.00 | 8.2 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.1.2-Tetrachloroetha | 1 | 0 | Avg | 0.3658 | 0.3312 | 0.3867 | 0.3785 | 0.4007 | 0.3645 | 0.3298 | 0.2608 | ----- | 0.352 | 5.96 | 0.997 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chlorobenzene | 1 | 0 | Avg | 0.9888 | 0.8557 | 0.9634 | 0.9297 | 1.0238 | 0.9547 | 0.8977 | 0.8643 | ----- | 0.935 | 5.93 | 0.999 | 1.00 | 6.4 | **(0.300) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromoform | 1 | 0 | LinF | 0.7145 | 0.6758 | 0.6196 | 0.7372 | 0.8416 | 0.8865 | 0.8425 | 0.5030 | ----- | 0.728 | 6.35 | 0.999 | 1.00 | 18 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Ethylbenzene | 1 | 0 | Avg | 0.7977 | 0.6165 | 0.6942 | 0.7563 | 0.8771 | 0.8370 | 0.7121 | 0.7123 | ----- | 0.750 | 5.98 | 0.992 | 1.00 | 11 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2.2-Tetrachloroetha | 1 | 0 | Avg | 0.9214 | 0.9850 | 0.9304 | 0.9303 | 1.0169 | 1.0099 | 0.9645 | 0.6770 | ----- | 0.929 | 6.57 | 0.999 | 1.00 | 12 | **(0.300) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromofluorobenzene | 1 | 0 | Avg | 0.9782 | 1.0240 | 0.9676 | 1.0414 | 1.0225 | 1.0950 | 1.1524 | 1.0082 | 1.0656 | 1.04 | 6.52 | -1 | -1 | 5.6 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Styrene | 1 | 0 | Avg | 2.0159 | 1.8877 | 1.9474 | 2.0521 | 2.1409 | 1.9623 | 1.5860 | 1.7578 | ----- | 1.92 | 6.25 | 0.986 | 1.00 | 9.2 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| m&p-Xylenes | 1 | 0 | LinF | 1.0256 | 0.9895 | 1.1139 | 1.0630 | 1.0821 | 1.0002 | ----- | 0.7897 | 0.4925 | 0.945 | 6.04 | 0.999 | 1.00 | 22 | | 40.00 | 10.00 | 20.00 | 100.0 | 200.0 | 500.0 | | 2.00 | 1.00 |
| o-Xylene | 1 | 0 | Avg | 1.1408 | 1.0751 | 1.1007 | 1.1202 | 1.1466 | 0.9940 | 0.8257 | 0.7957 | ----- | 1.02 | 6.24 | 0.988 | 1.00 | 14 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.4-Dichloro-2-bu | 1 | 0 | LinF | 0.2434 | 0.1672 | 0.2263 | 0.2457 | 0.2834 | 0.2740 | 0.2428 | 0.1807 | ----- | 0.233 | 6.60 | 0.996 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3-Dichlorobenzene | 1 | 0 | Avg | 1.3397 | 1.3182 | 1.3416 | 1.3351 | 1.3777 | 1.2381 | 1.0332 | 1.3521 | ----- | 1.29 | 7.11 | 0.990 | 1.00 | 8.7 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.4-Dichlorobenzene | 1 | 0 | Avg | 1.5304 | 1.4539 | 1.5025 | 1.4134 | 1.5167 | 1.4531 | 1.2793 | 1.5299 | ----- | 1.46 | 7.15 | 0.996 | 1.00 | 5.8 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichlorobenzene | 1 | 0 | Avg | 1.3781 | 1.3592 | 1.4793 | 1.3931 | 1.4867 | 1.4106 | 1.2490 | 1.0012 | ----- | 1.34 | 7.36 | 0.996 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Isopropylbenzene | 1 | 0 | Avg | 2.4922 | 2.1338 | 2.5350 | 2.5215 | 2.6936 | 2.6550 | 2.3311 | 1.6935 | ----- | 2.38 | 6.43 | 0.996 | 1.00 | 14 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Cyclohexanone | 1 | 0 | Avg | 0.0326 | 0.0446 | 0.0368 | 0.0347 | 0.0342 | 0.0366 | 0.0389 | 0.0424 | ----- | 0.0377 | 6.48 | 0.999 | 1.00 | 11 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| 1.2.3-Trichloropropane | 1 | 0 | Avg | 1.1342 | 1.1146 | 1.0969 | 1.1233 | 1.1837 | 1.1365 | 0.9820 | 1.1242 | ----- | 1.11 | 6.60 | 0.994 | 1.00 | 5.2 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Chlorotoluene | 1 | 0 | Avg | 2.1521 | 1.9725 | 2.0287 | 2.1873 | 2.0405 | 1.7859 | 1.5161 | 1.6797 | ----- | 1.92 | 6.70 | 0.991 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| p-Ethyltoluene | 1 | 0 | LinF | 2.3136 | 2.0830 | 2.5516 | 2.4264 | 2.4848 | 2.2461 | ----- | 1.4422 | ----- | 2.22 | 6.70 | 0.998 | 1.00 | 17 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| 4-Chlorotoluene | 1 | 0 | Avg | 2.0859 | 1.8470 | 1.9602 | 2.0558 | 2.1523 | 2.1004 | 1.8496 | 1.3297 | ----- | 1.92 | 6.76 | 0.996 | 1.00 | 14 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| n-Propylbenzene | 1 | 0 | Avg | 2.7196 | 2.3907 | 2.8207 | 2.7578 | 2.9420 | 2.8138 | 2.5428 | 1.8623 | ----- | 2.61 | 6.64 | 0.997 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromobenzene | 1 | 0 | Avg | 1.7422 | 1.8064 | 1.7476 | 1.7174 | 1.6988 | 1.6107 | 1.3795 | 1.5280 | ----- | 1.65 | 6.61 | 0.993 | 1.00 | 8.5 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | Avg | 2.1395 | 2.1334 | 2.2659 | 2.0578 | 2.1480 | 2.0724 | 1.8706 | 1.6863 | ----- | 2.05 | 6.73 | 0.997 | 1.00 | 9.0 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| t-Butylbenzene | 1 | 0 | LinF | 1.7885 | 1.5860 | 1.7175 | 1.7686 | 1.8602 | 1.7934 | 1.5942 | 0.9435 | ----- | 1.63 | 6.91 | 0.996 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | Avg | 2.1780 | 1.9379 | 2.2081 | 2.1242 | 2.2682 | 2.1838 | 1.9308 | 1.4537 | ----- | 2.04 | 6.94 | 0.996 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| sec-Butylbenzene | 1 | 0 | LinF | 2.0226 | 1.7440 | 2.0773 | 2.0170 | 2.1291 | 2.1040 | 1.8746 | 1.1900 | ----- | 1.89 | 7.03 | 0.997 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 4-Isopropyltoluene | 1 | 0 | LinF | 1.7233 | 1.5135 | 1.7267 | 1.7413 | 1.7810 | 1.6113 | ----- | 1.0374 | ----- | 1.59 | 7.10 | 0.998 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| n-Butylbenzene | 1 | 0 | Avg | 1.8594 | 1.5383 | 1.9747 | 1.8837 | 1.9901 | 1.9139 | 1.6943 | 1.2792 | ----- | 1.77 | 7.32 | 0.996 | 1.00 | 14 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

*Flags*

*a - failed the spcc criteria* ** - ccc compound*

*b - failed the ccc criteria* *** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

*Note:* Avg Rsd: 13.2

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

# Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

0191

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M43663. | CAL @ 20 PPB | 07/20/09 11:06 | 2 | 6M43658. | CAL @ 5 PPB | 07/20/09 09:47 |
| 3 | 6M43664. | CAL @ 10 PPB | 07/20/09 11:22 | 4 | 6M43662. | CAL @ 50 PPB | 07/20/09 10:51 |
| 5 | 6M43661. | CAL @ 100 PPB | 07/20/09 10:35 | 6 | 6M43660. | CAL @ 250 PPB | 07/20/09 10:19 |
| 7 | 6M43659. | CAL @ 500 PPB | 07/20/09 10:03 | 8 | 6M43656. | CAL @ 1 PPB | 07/20/09 09:15 |
| 9 | 6M43657. | CAL @ 0.5 PPB | 07/20/09 09:31 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| p-Diethylbenzene | 1 | 0 | LinF | 1.0051 | 0.7324 | 0.9815 | 1.0091 | 1.0694 | 1.0258 | 0.9154 | 0.5530 | ----- | 0.912 | 7.31 | 0.996 | 1.00 | 20 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.4.5-Tetramethylber | 1 | 0 | Avg | 1.7196 | 1.5323 | 1.6611 | 1.7584 | 1.9613 | 1.8457 | 1.6677 | 1.4155 | ----- | 1.70 | 7.75 | 0.997 | 1.00 | 10 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dibromo-3-Chlorop | 1 | 0 | LinF | 0.2401 | 0.2094 | 0.2301 | 0.2429 | 0.2680 | 0.2800 | 0.2810 | 0.1101 | ----- | 0.233 | 7.79 | 1.00 | 1.00 | 24 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Hexachlorobutadiene | 1 | 0 | Qua | 0.6968 | 0.3602 | 0.7224 | 0.6048 | 0.6001 | 0.5208 | 0.4265 | 0.1773 | ----- | 0.514 | 8.36 | 0.987 | 1.00 | 36 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | Avg | 0.8470 | 0.7617 | 0.8095 | 0.8174 | 0.8727 | 0.8372 | 0.7555 | 0.5568 | ----- | 0.782 | 8.27 | 0.997 | 1.00 | 13 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | Avg | 0.8101 | 0.7402 | 0.8372 | 0.8087 | 0.8499 | 0.8426 | 0.7533 | 0.6479 | ----- | 0.786 | 8.55 | 0.997 | 1.00 | 8.8 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Naphthalene | 1 | 0 | Avg | 2.3513 | 2.1350 | 2.3623 | 2.4237 | 2.5714 | 2.5734 | 2.3501 | 1.9557 | ----- | 2.34 | 8.41 | 0.998 | 1.00 | 8.9 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

***Flags***

*a - failed the spcc criteria* * - ccc compound*

*b - failed the ccc criteria* ** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

***Note:*** Avg Rsd: 13.2

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

Quantitation Report (QT Reviewed)

Sample ID : CAL @ 20 PPB
Data File: 6M43663.D
Acq On : 07/20/09 11:06

Operator : DB
Sam Mult : 1 Vial# : 12
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:27
Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.362 | 96 | 189089 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 123434 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.137 | 152 | 65901 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 51685 | 25.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 85.93% | | |
| 32) 1,2-Dichloroethane-d4 | 4.157 | 67 | 28757 | 21.96 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 73.20% | | |
| 56) Toluene-d8 | 5.187 | 98 | 175263 | 29.12 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.07% | | |
| 64) Bromofluorobenzene | 6.517 | 174 | 64466 | 29.71 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.03% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 59421 | 15.15 | ug/l | 95 |
| 3) Dichlorodifluoromethane | 1.258 | 85 | 33456 | 16.12 | ug/l | 84 |
| 4) Chloromethane | 1.384 | 50 | 35480 | 17.94 | ug/l | 71 |
| 5) Bromomethane | 1.684 | 94 | 22408 | 17.83 | ug/l | 88 |
| 6) Vinyl Chloride | 1.459 | 62 | 28720 | 16.83 | ug/l | 95 |
| 7) Chloroethane | 1.753 | 64 | 16856 | 15.05 | ug/l | 78 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 46390 | 20.77 | ug/l | 84 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.298 | 101 | 20907 | 17.90 | ug/l | 90 |
| 10) Methylene Chloride | 2.629 | 84 | 24165 | 15.72 | ug/l | 66 |
| 11) Acrolein | 2.214 | 56 | 23717 | 130.20 | ug/l | 93 |
| 12) Acrylonitrile | 2.803 | 53 | 10350 | 15.86 | ug/l | 91 |
| 13) Iodomethane | 2.400 | 142 | 52006 | 26.17 | ug/l | 89 |
| 14) Acetone | 2.322 | 43 | 48901 | 73.85 | ug/l | 96 |
| 15) Carbon Disulfide | 2.460 | 76 | 69379 | 23.32 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.701 | 59 | 15651 | 94.85 | ug/l | 96 |
| 17) n-Hexane | 3.044 | 57 | 16440 | 21.90 | ug/l | 99 |
| 18) Di-isopropyl-ether | 3.201 | 45 | 121509 | 16.31 | ug/l | 100 |
| 19) 1,1-Dichloroethene | 2.292 | 61 | 37638 | 13.24 | ug/l | 95 |
| 20) Methyl Acetate | 2.551 | 43 | 26549 | 14.87 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.833 | 73 | 91919 | 19.89 | ug/l | 96 |
| 22) 1,1-Dichloroethane | 3.146 | 63 | 45255 | 13.83 | ug/l | 97 |
| 23) trans-1,2-Dichloroethene | 2.839 | 96 | 21910 | 18.20 | ug/l | 91 |
| 24) cis-1,2-Dichloroethene | 3.592 | 61 | 49406 | 15.63 | ug/l | 92 |
| 25) Bromochloromethane | 3.772 | 49 | 23843 | 15.35 | ug/l | 90 |
| 26) 2,2-Dichloropropane | 3.598 | 77 | 41583 | 16.70 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.747 | 88 | 23409 | 1137.08 | ug/l | 87 |
| 28) 1,1-Dichloropropene | 4.079 | 75 | 40828 | 18.39 | ug/l | 90 |
| 29) Chloroform | 3.832 | 83 | 58359 | 17.34 | ug/l | 87 |
| 31) Cyclohexane | 4.013 | 56 | 43588 | 21.26 | ug/l | 88 |
| 33) 1,2-Dichloroethane | 4.206 | 62 | 47314 | 14.07 | ug/l | 93 |
| 34) 2-Butanone | 3.598 | 43 | 19680 | 20.08 | ug/l | 95 |
| 35) 1,1,1-Trichloroethane | 3.971 | 97 | 49095 | 17.08 | ug/l | 95 |
| 36) Carbon Tetrachloride | 4.079 | 117 | 41862 | 18.04 | ug/l | 98 |
| 37) Vinyl Acetate | 3.195 | 43 | 118107 | 16.89 | ug/l | 100 |
| 38) Bromodichloromethane | 4.819 | 83 | 48632 | 18.02 | ug/l | 99 |
| 39) Methylcyclohexane | 4.675 | 83 | 28925 | 23.30 | ug/l | 92 |
| 40) Dibromomethane | 4.747 | 174 | 31403 | 22.76 | ug/l | 88 |
| 41) 1,2-Dichloropropane | 4.681 | 63 | 33424 | 19.24 | ug/l | 94 |
| 42) Trichloroethene | 4.567 | 130 | 34196 | 22.72 | ug/l | 96 |
| 43) Benzene | 4.206 | 78 | 115314 | 19.35 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.266 | 73 | 71161 | 18.00 | ug/l | 87 |
| 46) Dibromochloromethane | 5.620 | 129 | 40198 | 20.57 | ug/l | 98 |
| 47) 2-Chloroethylvinylether | 4.964 | 63 | 18802 | 24.69 | ug/l | 86 |
| 48) cis-1,3-Dichloropropene | 5.042 | 75 | 48054 | 19.35 | ug/l | 89 |
| 49) trans-1,3-Dichloropropene | 5.319 | 75 | 43658 | 18.94 | ug/l | 98 |
| 50) 1,1,2-Trichloroethane | 5.415 | 97 | 29278 | 19.71 | ug/l | 87 |
| 51) 1,2-Dibromoethane | 5.686 | 107 | 33321 | 20.74 | ug/l | 96 |
| 52) 1,3-Dichloropropane | 5.500 | 76 | 46492 | 18.64 | ug/l | 97 |
| 53) 4-Methyl-2-Pentanone | 5.114 | 43 | 41630 | 23.28 | ug/l | 97 |
| 54) 2-Hexanone | 5.530 | 43 | 27437 | 25.32 | ug/l | 98 |
| 55) Tetrachloroethene | 5.500 | 164 | 28479 | 24.31 | ug/l | 87 |
| 57) Toluene | 5.217 | 92 | 74616 | 20.29 | ug/l | 96 |
| 58) 1,1,1,2-Tetrachloroethane | 5.963 | 133 | 30107 | 19.77 | ug/l | 61 |
| 59) Chlorobenzene | 5.933 | 112 | 81370 | 21.31 | ug/l | 99 |
| 61) Bromoform | 6.354 | 173 | 31393 | 20.05 | ug/l | 99 |
| 62) Ethylbenzene | 5.981 | 106 | 35048 | 22.88 | ug/l | 76 |
| 63) 1,1,2,2-Tetrachloroethane | 6.571 | 83 | 40484 | 18.26 | ug/l | 98 |
| 65) Styrene | 6.246 | 104 | 88568 | 23.71 | ug/l | 98 |
| 66) m&p-Xylenes | 6.035 | 106 | 90119 | 45.99 | ug/l | 97 |

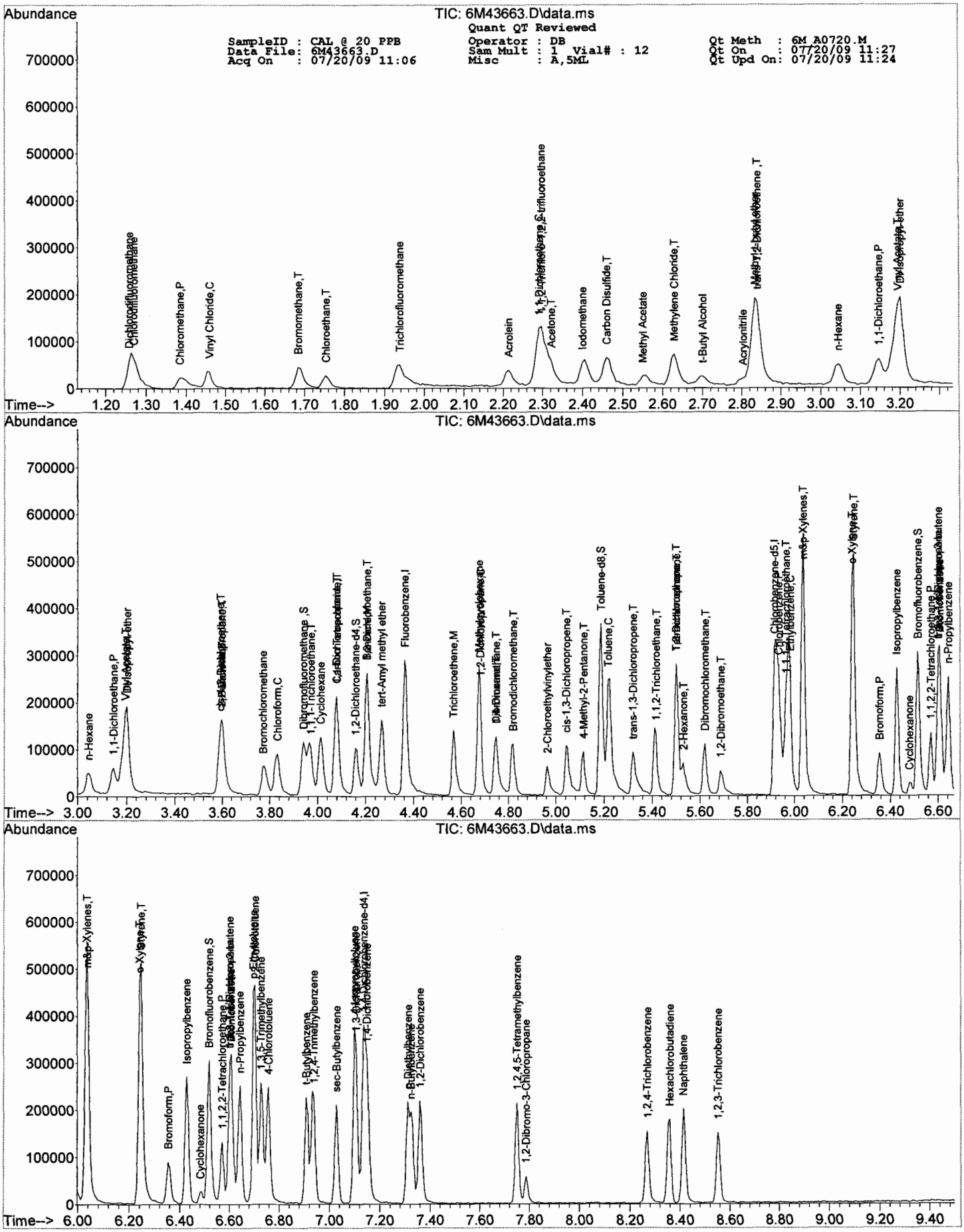
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43663.D Sam Mult : 1 Vial# : 12 Qt On : 07/20/09 11:27
Acq On : 07/20/09 11:06 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.240 | 106 | 50121 | 23.55 | ug/l | 78 |
| 68) trans-1,4-Dichloro-2-b... | 6.601 | 53 | 10696 | 14.17 | ug/l | 59 |
| 69) 1,3-Dichlorobenzene | 7.106 | 146 | 58860 | 22.64 | ug/l | 89 |
| 70) 1,4-Dichlorobenzene | 7.149 | 146 | 67240 | 21.38 | ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.359 | 146 | 60549 | 21.55 | ug/l | 89 |
| 72) Isopropylbenzene | 6.426 | 105 | 109495 | 23.17 | ug/l | 95 |
| 73) Cyclohexanone | 6.481 | 55 | 7182 | 102.54 | ug/l | 94 |
| 74) 1,2,3-Trichloropropane | 6.601 | 75 | 49830 | 15.56 | ug/l | 86 |
| 75) 2-Chlorotoluene | 6.703 | 91 | 94551 | 19.89 | ug/l | 95 |
| 76) p-Ethyltoluene | 6.697 | 105 | 101647 | 22.16 | ug/l | 82 |
| 77) 4-Chlorotoluene | 6.757 | 91 | 91646 | 21.09 | ug/l | 90 |
| 78) n-Propylbenzene | 6.643 | 91 | 119483 | 21.34 | ug/l | 98 |
| 79) Bromobenzene | 6.607 | 77 | 76544 | 17.43 | ug/l | 88 |
| 80) 1,3,5-Trimethylbenzene | 6.727 | 105 | 93999 | 21.83 | ug/l | 94 |
| 81) t-Butylbenzene | 6.908 | 119 | 78576 | 25.86 | ug/l | 84 |
| 82) 1,2,4-Trimethylbenzene | 6.938 | 105 | 95689 | 22.43 | ug/l | 89 |
| 83) sec-Butylbenzene | 7.028 | 105 | 88863 | 23.87 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.100 | 119 | 75715 | 25.58 | ug/l | 95 |
| 85) n-Butylbenzene | 7.323 | 91 | 81691 | 21.85 | ug/l | 79 |
| 86) p-Diethylbenzene | 7.311 | 119 | 44160 | 24.23 | ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.750 | 119 | 75550 | 27.16 | ug/l | 91 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.787 | 157 | 10551 | 22.78 | ug/l | 71 |
| 89) Hexachlorobutadiene | 8.358 | 225 | 30617 | 28.47 | ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.268 | 180 | 37214 | 27.00 | ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.551 | 180 | 35595 | 24.15 | ug/l | 94 |
| 92) Naphthalene | 8.412 | 128 | 103305 | 25.86 | ug/l | 100 |

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


Abundance
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Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M43663.D
Acq On : 07/20/09 11:06
Operator : DB
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M A0720.M
Qt On : 07/20/09 11:27
Qt Upd On: 07/20/09 11:24
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 6M43658.D
Acq On : 07/20/09 09:47

Operator : DB
Sam Mult : 1 Vial# : 7
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:33
Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.362 | 96 | 192245 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 132345 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.137 | 152 | 63099 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 55889 | 27.42 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 91.40% | | |
| 32) 1,2-Dichloroethane-d4 | 4.158 | 67 | 30668 | 23.03 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 76.77% | | |
| 56) Toluene-d8 | 5.187 | 98 | 171329 | 26.55 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 88.50% | | |
| 64) Bromofluorobenzene | 6.517 | 174 | 64617 | 31.10 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.67% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.270 | 51 | 12642 | 3.17 | ug/l | 85 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 6107 | 2.89 | ug/l | 72 |
| 4) Chloromethane | 1.385 | 50 | 7994 | 3.97 | ug/l | 74 |
| 5) Bromomethane | 1.685 | 94 | 5687 | 4.45 | ug/l | 98 |
| 6) Vinyl Chloride | 1.460 | 62 | 6202 | 3.58 | ug/l | 85 |
| 7) Chloroethane | 1.760 | 64 | 3840 | 3.37 | ug/l | 97 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 9319 | 4.10 | ug/l | 85 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.292 | 101 | 4224 | 3.56 | ug/l | 97 |
| 10) Methylene Chloride | 2.629 | 84 | 5943 | 3.80 | ug/l | 53 |
| 11) Acrolein | 2.220 | 56 | 6164 | 33.28 | ug/l | 70 |
| 12) Acrylonitrile | 2.803 | 53 | 3305 | 4.98 | ug/l | 57 |
| 13) Iodomethane | 2.406 | 142 | 11125 | 5.51 | ug/l | 92 |
| 14) Acetone | 2.316 | 43 | 12202 | 18.13 | ug/l | 95 |
| 15) Carbon Disulfide | 2.460 | 76 | 14235 | 4.71 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.701 | 59 | 3997 | 23.83 | ug/l | 82 |
| 17) n-Hexane | 3.044 | 57 | 3683 | 4.83 | ug/l | 87 |
| 18) Di-isopropyl-ether | 3.195 | 45 | 31910 | 4.21 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.292 | 61 | 8051 | 2.79 | ug/l | 96 |
| 20) Methyl Acetate | 2.557 | 43 | 9028 | 4.97 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.834 | 73 | 21996 | 4.68 | ug/l | 89 |
| 22) 1,1-Dichloroethane | 3.146 | 63 | 11271 | 3.39 | ug/l | 83 |
| 23) trans-1,2-Dichloroethene | 2.834 | 96 | 4877 | 3.98 | ug/l | 84 |
| 24) cis-1,2-Dichloroethene | 3.592 | 61 | 10302 | 3.21 | ug/l | 79 |
| 25) Bromochloromethane | 3.772 | 49 | 6547 | 4.15 | ug/l | 77 |
| 26) 2,2-Dichloropropane | 3.598 | 77 | 10376 | 4.10 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.753 | 88 | 5939 | 283.75 | ug/l | 92 |
| 28) 1,1-Dichloropropene | 4.079 | 75 | 7879 | 3.49 | ug/l | 96 |
| 29) Chloroform | 3.833 | 83 | 13445 | 3.93 | ug/l | 86 |
| 31) Cyclohexane | 4.013 | 56 | 7938 | 3.81 | ug/l | 88 |
| 33) 1,2-Dichloroethane | 4.206 | 62 | 10939 | 3.20 | ug/l | 81 |
| 34) 2-Butanone | 3.604 | 43 | 4928 | 4.95 | ug/l | 87 |
| 35) 1,1,1-Trichloroethane | 3.965 | 97 | 10573 | 3.62 | ug/l | 89 |
| 36) Carbon Tetrachloride | 4.085 | 117 | 9352 | 3.97 | ug/l | 72 |
| 37) Vinyl Acetate | 3.195 | 43 | 29871 | 4.20 | ug/l | 100 |
| 38) Bromodichloromethane | 4.814 | 83 | 11385 | 4.15 | ug/l | 82 |
| 39) Methylcyclohexane | 4.675 | 83 | 5260 | 4.17 | ug/l | 84 |
| 40) Dibromomethane | 4.741 | 174 | 6910 | 4.92 | ug/l | 70 |
| 41) 1,2-Dichloropropane | 4.675 | 63 | 7486 | 4.24 | ug/l | 86 |
| 42) Trichloroethene | 4.567 | 130 | 6198 | 4.05 | ug/l | 78 |
| 43) Benzene | 4.206 | 78 | 26582 | 4.39 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.266 | 73 | 17372 | 4.32 | ug/l | 91 |
| 46) Dibromochloromethane | 5.620 | 129 | 8928 | 4.26 | ug/l | 92 |
| 47) 2-Chloroethylvinylether | 4.964 | 63 | 4279 | 5.24 | ug/l | 75 |
| 48) cis-1,3-Dichloropropene | 5.048 | 75 | 11551 | 4.34 | ug/l | 93 |
| 49) trans-1,3-Dichloropropene | 5.319 | 75 | 9890 | 4.00 | ug/l | 96 |
| 50) 1,1,2-Trichloroethane | 5.409 | 97 | 6893 | 4.33 | ug/l | 79 |
| 51) 1,2-Dibromoethane | 5.686 | 107 | 7971 | 4.63 | ug/l | 89 |
| 52) 1,3-Dichloropropane | 5.500 | 76 | 11952 | 4.47 | ug/l | 86 |
| 53) 4-Methyl-2-Pentanone | 5.114 | 43 | 9508 | 4.96 | ug/l | 94 |
| 54) 2-Hexanone | 5.530 | 43 | 5623 | 4.84 | ug/l | 88 |
| 55) Tetrachloroethene | 5.500 | 164 | 5260 | 4.19 | ug/l | 74 |
| 57) Toluene | 5.223 | 92 | 16179 | 4.10 | ug/l | 98 |
| 58) 1,1,1,2-Tetrachloroethane | 5.963 | 133 | 7307 | 4.47 | ug/l | 54 |
| 59) Chlorobenzene | 5.933 | 112 | 18876 | 4.61 | ug/l | 91 |
| 61) Bromoform | 6.354 | 173 | 7108 | 4.74 | ug/l | 98 |
| 62) Ethylbenzene | 5.981 | 106 | 6484 | 4.42 | ug/l | 75 |
| 63) 1,1,2,2-Tetrachloroethane | 6.571 | 83 | 10359 | 4.88 | ug/l | 85 |
| 65) Styrene | 6.252 | 104 | 19852 | 5.55 | ug/l | 82 |
| 66) m&p-Xylenes | 6.035 | 106 | 20813 | 11.09 | ug/l | 86 |

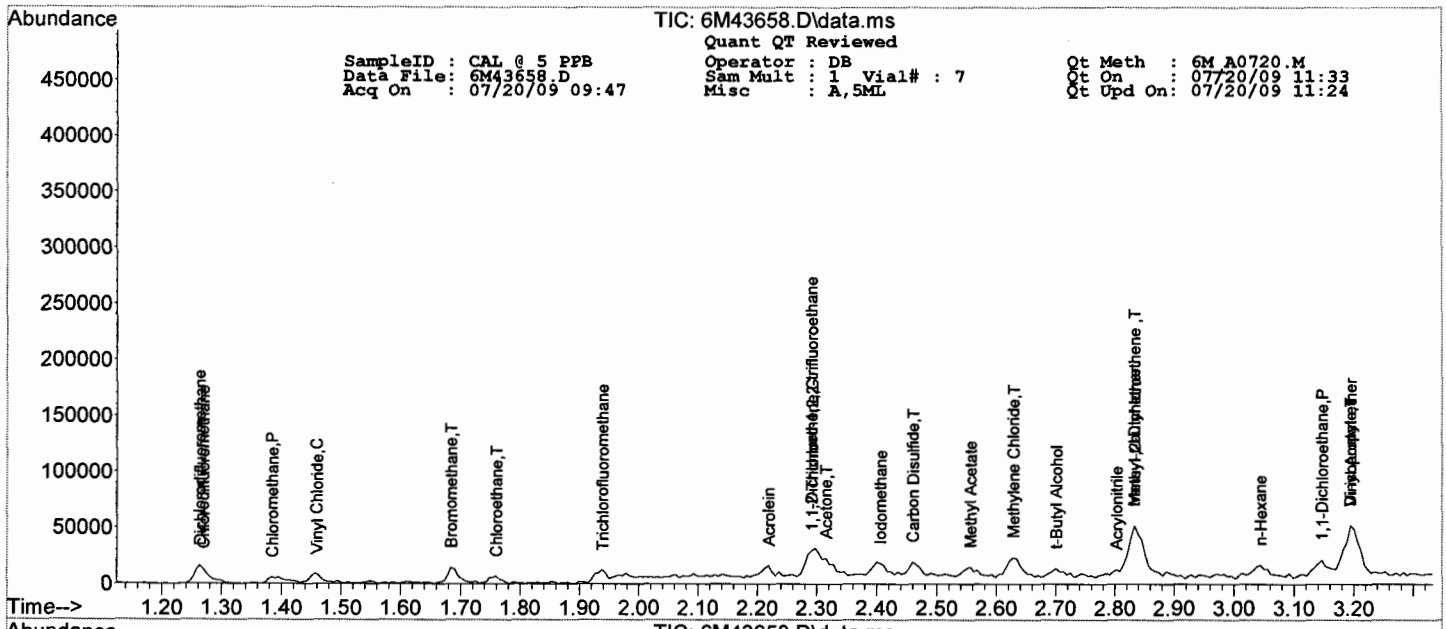
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43658.D Sam Mult : 1 Vial# : 7 Qt On : 07/20/09 11:33
Acq On : 07/20/09 09:47 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.240 | 106 | 11307 | 5.55 | ug/l | 88 |
| 68) trans-1,4-Dichloro-2-b... | 6.601 | 53 | 1759m | 2.43 | ug/l | |
| 69) 1,3-Dichlorobenzene | 7.107 | 146 | 13863 | 5.57 | ug/l | 84 |
| 70) 1,4-Dichlorobenzene | 7.149 | 146 | 15290 | 5.08 | ug/l | 91 |
| 71) 1,2-Dichlorobenzene | 7.365 | 146 | 14295 | 5.31 | ug/l | 88 |
| 72) Isopropylbenzene | 6.427 | 105 | 22441 | 4.96 | ug/l | 95 |
| 73) Cyclohexanone | 6.487 | 55 | 2349 | 35.03 | ug/l | 68 |
| 74) 1,2,3-Trichloropropane | 6.601 | 75 | 11722 | 3.82 | ug/l | 89 |
| 75) 2-Chlorotoluene | 6.703 | 91 | 20744 | 4.56 | ug/l | 92 |
| 76) p-Ethyltoluene | 6.703 | 105 | 21906 | 4.99 | ug/l | 81 |
| 77) 4-Chlorotoluene | 6.758 | 91 | 19424 | 4.67 | ug/l | 87 |
| 78) n-Propylbenzene | 6.643 | 91 | 25142 | 4.69 | ug/l | 99 |
| 79) Bromobenzene | 6.607 | 77 | 18997 | 4.52 | ug/l | 90 |
| 80) 1,3,5-Trimethylbenzene | 6.727 | 105 | 22436 | 5.44 | ug/l | 98 |
| 81) t-Butylbenzene | 6.908 | 119 | 16680 | 5.73 | ug/l | 67 |
| 82) 1,2,4-Trimethylbenzene | 6.938 | 105 | 20380 | 4.99 | ug/l | 90 |
| 83) sec-Butylbenzene | 7.028 | 105 | 18341 | 5.14 | ug/l | 96 |
| 84) 4-Isopropyltoluene | 7.101 | 119 | 15917 | 5.62 | ug/l | 95 |
| 85) n-Butylbenzene | 7.329 | 91 | 16178 | 4.52 | ug/l | 74 |
| 86) p-Diethylbenzene | 7.311 | 119 | 7703 | 4.42 | ug/l | 86 |
| 87) 1,2,4,5-Tetramethylben... | 7.751 | 119 | 16115 | 6.05 | ug/l | 90 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.787 | 157 | 2203 | 4.97 | ug/l | 79 |
| 89) Hexachlorobutadiene | 8.358 | 225 | 3788 | 3.68 | ug/l | 93 |
| 90) 1,2,4-Trichlorobenzene | 8.274 | 180 | 8011 | 6.07 | ug/l | 89 |
| 91) 1,2,3-Trichlorobenzene | 8.551 | 180 | 7785 | 5.52 | ug/l | 93 |
| 92) Naphthalene | 8.419 | 128 | 22453 | 5.87 | ug/l | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 6M43658.D
Acq On : 07/20/09 09:47
Operator : DB
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:33
Qt Upd On: 07/20/09 11:24
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
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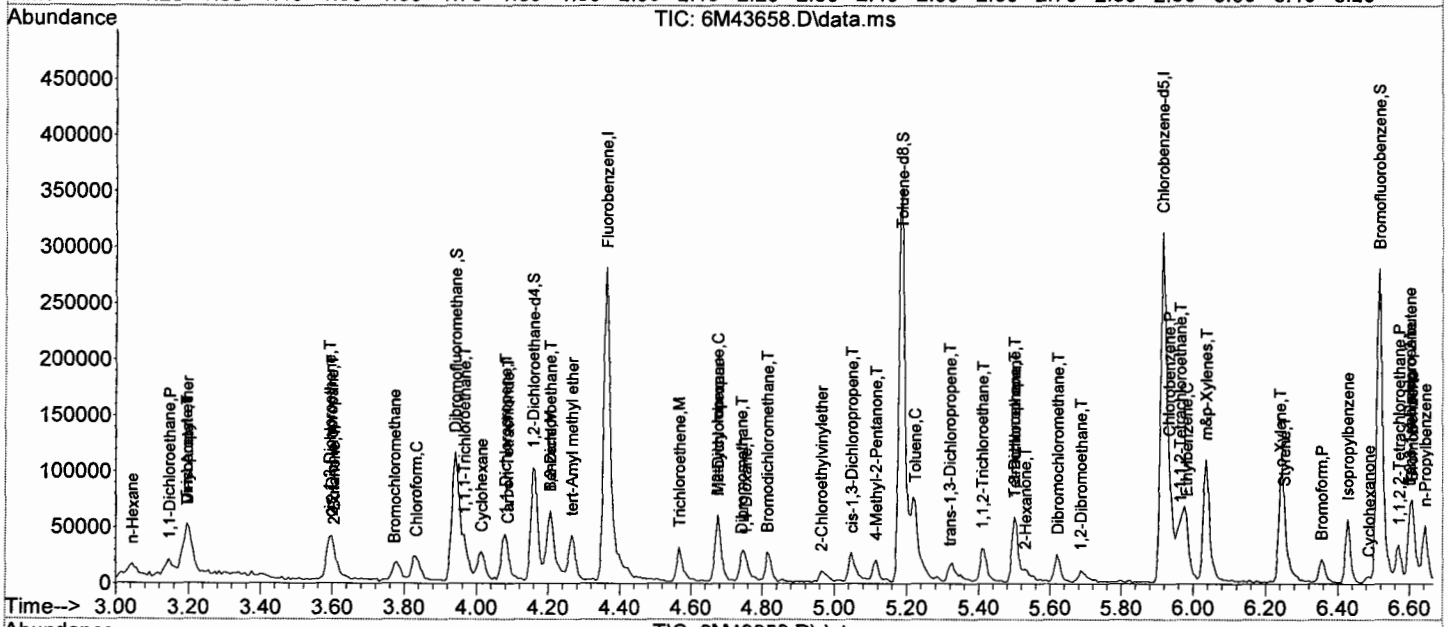
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
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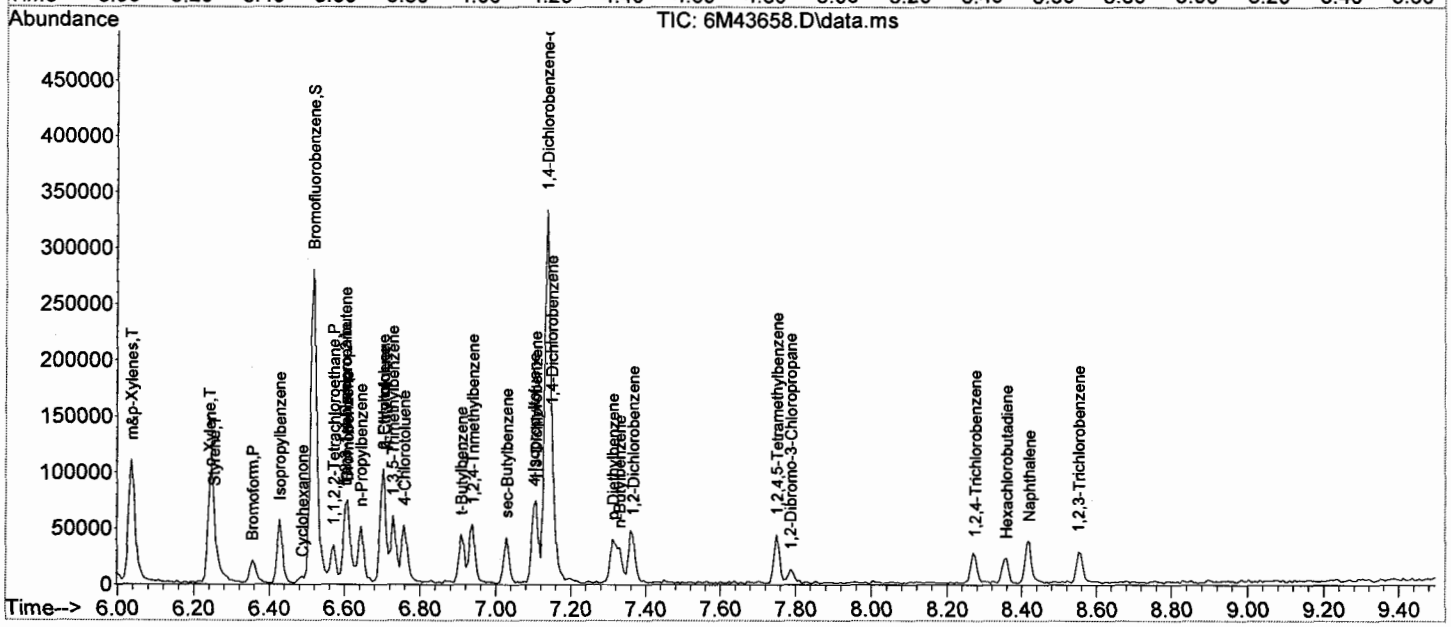
Bromochloromethane
Chloroform,C
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
n-Propylbenzene
Time-->


Abundance
TIC: 6M43658.D\data.ms
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43664.D  Sam Mult : 1  Vial# : 13  Qt On : 07/20/09 11:34
Acq On : 07/20/09 11:22  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.364 | 96 | 188726 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.916 | 117 | 122256 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.138 | 152 | 66285 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.942 | 111 | 57166 | 28.57 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 95.23% | | |
| 32) 1,2-Dichloroethane-d4 | 4.165 | 67 | 29687 | 22.71 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 75.70% | | |
| 56) Toluene-d8 | 5.188 | 98 | 175261 | 29.40 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.00% | | |
| 64) Bromofluorobenzene | 6.518 | 174 | 64140 | 29.39 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.97% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.270 | 51 | 28601 | 7.31 | ug/l | 95 |
| 3) Dichlorodifluoromethane | 1.259 | 85 | 18254 | 8.81 | ug/l | 81 |
| 4) Chloromethane | 1.386 | 50 | 16390 | 8.30 | ug/l | 87 |
| 5) Bromomethane | 1.686 | 94 | 12305 | 9.81 | ug/l | 85 |
| 6) Vinyl Chloride | 1.455 | 62 | 14898 | 8.75 | ug/l | 98 |
| 7) Chloroethane | 1.755 | 64 | 8891 | 7.95 | ug/l | 79 |
| 8) Trichlorofluoromethane | 1.933 | 101 | 24749 | 11.10 | ug/l | 84 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.293 | 101 | 11141 | 9.56 | ug/l | 94 |
| 10) Methylene Chloride | 2.630 | 84 | 12224 | 7.97 | ug/l | 69 |
| 11) Acrolein | 2.221 | 56 | 11132 | 61.23 | ug/l | 97 |
| 12) Acrylonitrile | 2.805 | 53 | 4627 | 7.10 | ug/l | 79 |
| 13) Iodomethane | 2.408 | 142 | 23864 | 12.03 | ug/l | 95 |
| 14) Acetone | 2.317 | 43 | 25716 | 38.91 | ug/l | 93 |
| 15) Carbon Disulfide | 2.462 | 76 | 35844 | 12.07 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.702 | 59 | 7069 | 42.92 | ug/l | 64 |
| 17) n-Hexane | 3.051 | 57 | 8787 | 11.73 | ug/l | 92 |
| 18) Di-isopropyl-ether | 3.202 | 45 | 60455 | 8.13 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 19979 | 7.04 | ug/l | 85 |
| 20) Methyl Acetate | 2.552 | 43 | 14928 | 8.38 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.835 | 73 | 46475 | 10.08 | ug/l | 96 |
| 22) 1,1-Dichloroethane | 3.148 | 63 | 24459 | 7.49 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.841 | 96 | 11612 | 9.66 | ug/l | 72 |
| 24) cis-1,2-Dichloroethene | 3.599 | 61 | 20308 | 6.44 | ug/l | 88 |
| 25) Bromochloromethane | 3.774 | 49 | 13665 | 8.82 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.593 | 77 | 17490 | 7.04 | ug/l | 90 |
| 27) 1,4-Dioxane | 4.749 | 88 | 11289 | 549.41 | ug/l | 74 |
| 28) 1,1-Dichloropropene | 4.081 | 75 | 22266 | 10.05 | ug/l | 94 |
| 29) Chloroform | 3.828 | 83 | 31190 | 9.28 | ug/l | 76 |
| 31) Cyclohexane | 4.014 | 56 | 21407 | 10.46 | ug/l | 97 |
| 33) 1,2-Dichloroethane | 4.207 | 62 | 23958 | 7.14 | ug/l | 89 |
| 34) 2-Butanone | 3.611 | 43 | 8322 | 8.51 | ug/l | 87 |
| 35) 1,1,1-Trichloroethane | 3.966 | 97 | 25157 | 8.77 | ug/l | 97 |
| 36) Carbon Tetrachloride | 4.081 | 117 | 22605 | 9.76 | ug/l | 90 |
| 37) Vinyl Acetate | 3.196 | 43 | 57854 | 8.29 | ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 23042 | 8.55 | ug/l | 90 |
| 39) Methylcyclohexane | 4.676 | 83 | 14463 | 11.67 | ug/l | 84 |
| 40) Dibromomethane | 4.743 | 174 | 15785 | 11.46 | ug/l | 83 |
| 41) 1,2-Dichloropropane | 4.676 | 63 | 16836 | 9.71 | ug/l | 91 |
| 42) Trichloroethene | 4.568 | 130 | 16974 | 11.30 | ug/l | 90 |
| 43) Benzene | 4.207 | 78 | 60803 | 10.22 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.267 | 73 | 34040 | 8.63 | ug/l | 89 |
| 46) Dibromochloromethane | 5.621 | 129 | 18091 | 9.35 | ug/l | 91 |
| 47) 2-Chloroethylvinylether | 4.965 | 63 | 8923 | 11.83 | ug/l | 77 |
| 48) cis-1,3-Dichloropropene | 5.050 | 75 | 23527 | 9.56 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.320 | 75 | 19783 | 8.67 | ug/l | 87 |
| 50) 1,1,2-Trichloroethane | 5.411 | 97 | 15203 | 10.33 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.688 | 107 | 15912 | 10.00 | ug/l | 93 |
| 52) 1,3-Dichloropropane | 5.501 | 76 | 21838 | 8.84 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.116 | 43 | 20234 | 11.43 | ug/l | 100 |
| 54) 2-Hexanone | 5.531 | 43 | 11591 | 10.80 | ug/l | 88 |
| 55) Tetrachloroethene | 5.501 | 164 | 13634 | 11.75 | ug/l | 91 |
| 57) Toluene | 5.218 | 92 | 36220 | 9.94 | ug/l | 91 |
| 58) 1,1,1,2-Tetrachloroethane | 5.964 | 133 | 15762 | 10.45 | ug/l | 62 |
| 59) Chlorobenzene | 5.934 | 112 | 39264 | 10.38 | ug/l | 96 |
| 61) Bromoform | 6.356 | 173 | 13690 | 8.69 | ug/l | 94 |
| 62) Ethylbenzene | 5.982 | 106 | 15339 | 9.96 | ug/l | 84 |
| 63) 1,1,2,2-Tetrachloroethane | 6.572 | 83 | 20559 | 9.22 | ug/l | 81 |
| 65) Styrene | 6.247 | 104 | 43028 | 11.45 | ug/l | 93 |
| 66) m&p-Xylenes | 6.037 | 106 | 49226 | 24.98 | ug/l | 92 |

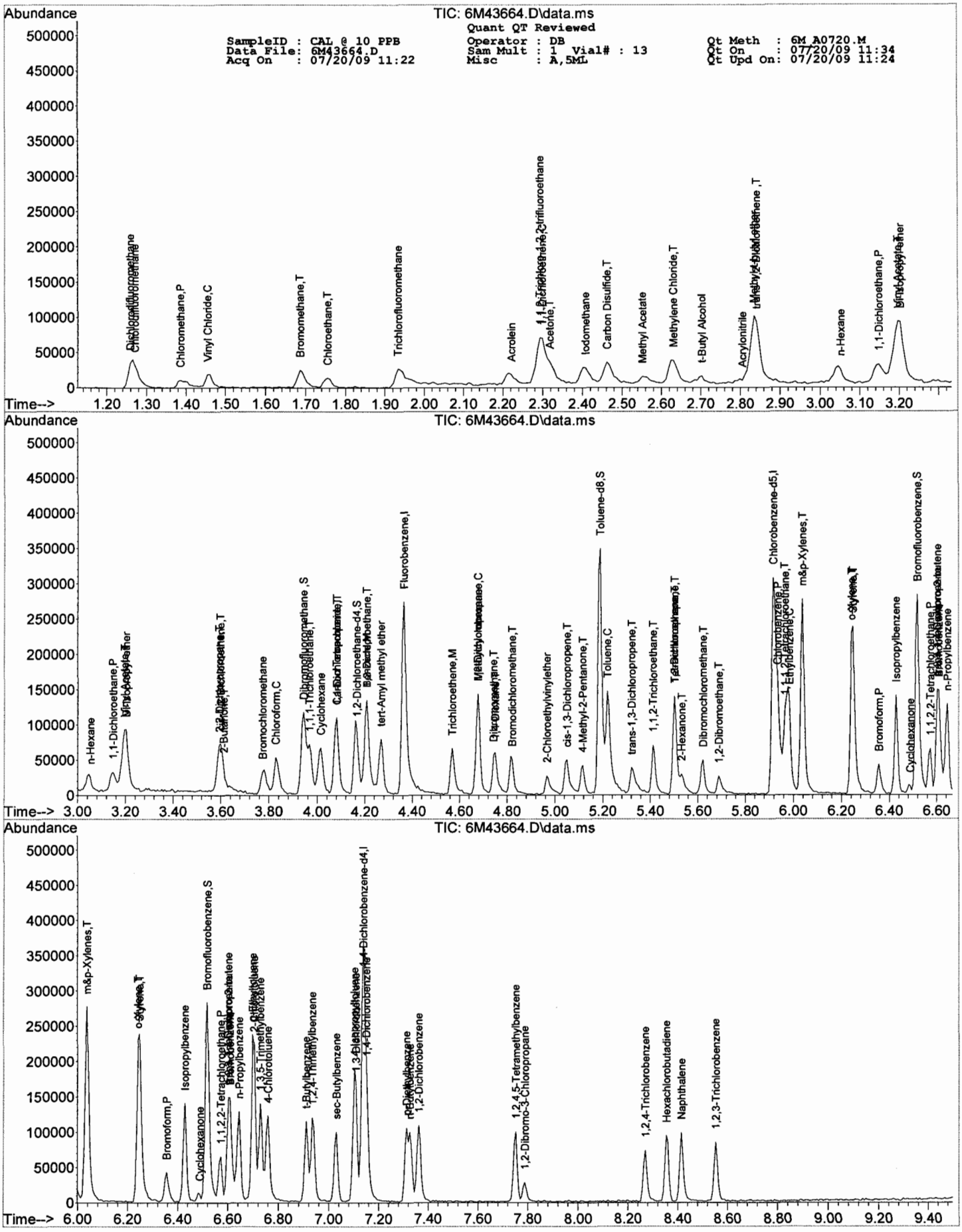
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43664.D Sam Mult : 1 Vial# : 13 Qt On : 07/20/09 11:34
Acq On : 07/20/09 11:22 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.241 | 106 | 24322 | 11.36 | ug/l | 78 |
| 68) trans-1,4-Dichloro-2-b... | 6.602 | 53 | 5001 | 6.59 | ug/l | 65 |
| 69) 1,3-Dichlorobenzene | 7.108 | 146 | 29643 | 11.34 | ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.150 | 146 | 33198 | 10.49 | ug/l | 91 |
| 71) 1,2-Dichlorobenzene | 7.361 | 146 | 32687 | 11.57 | ug/l | 86 |
| 72) Isopropylbenzene | 6.428 | 105 | 56012 | 11.78 | ug/l | 97 |
| 73) Cyclohexanone | 6.488 | 55 | 4069 | 57.76 | ug/l | 80 |
| 74) 1,2,3-Trichloropropane | 6.602 | 75 | 24237 | 7.53 | ug/l | 86 |
| 75) 2-Chlorotoluene | 6.705 | 91 | 44826 | 9.37 | ug/l | 96 |
| 76) p-Ethyltoluene | 6.699 | 105 | 56378 | 12.22 | ug/l | 79 |
| 77) 4-Chlorotoluene | 6.759 | 91 | 43312 | 9.91 | ug/l | 88 |
| 78) n-Propylbenzene | 6.644 | 91 | 62325 | 11.07 | ug/l | 97 |
| 79) Bromobenzene | 6.608 | 77 | 38615 | 8.74 | ug/l | 88 |
| 80) 1,3,5-Trimethylbenzene | 6.729 | 105 | 50065 | 11.56 | ug/l | 94 |
| 81) t-Butylbenzene | 6.909 | 119 | 37949 | 12.42 | ug/l | 85 |
| 82) 1,2,4-Trimethylbenzene | 6.933 | 105 | 48788 | 11.37 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.030 | 105 | 45899 | 12.26 | ug/l | 96 |
| 84) 4-Isopropyltoluene | 7.102 | 119 | 38152 | 12.82 | ug/l | 90 |
| 85) n-Butylbenzene | 7.325 | 91 | 43633 | 11.60 | ug/l | 80 |
| 86) p-Diethylbenzene | 7.313 | 119 | 21687 | 11.83 | ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.752 | 119 | 36703 | 13.12 | ug/l | 91 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.788 | 157 | 5085 | 10.92 | ug/l | 62 |
| 89) Hexachlorobutadiene | 8.354 | 225 | 15962 | 14.76 | ug/l | 93 |
| 90) 1,2,4-Trichlorobenzene | 8.269 | 180 | 17887 | 12.90 | ug/l | 97 |
| 91) 1,2,3-Trichlorobenzene | 8.552 | 180 | 18500 | 12.48 | ug/l | 94 |
| 92) Naphthalene | 8.414 | 128 | 52197 | 12.99 | ug/l | 100 |

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


Abundance
TIC: 6M43664.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 6M43664.D
Acq On : 07/20/09 11:22
Operator : DB
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:34
Qt Upd On: 07/20/09 11:24
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43662.D  Sam Mult : 1  Vial# : 11  Qt On : 07/20/09 11:26
Acq On : 07/20/09 10:51  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.363 | 96 | 192639 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.916 | 117 | 130577 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.138 | 152 | 66398 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.942 | 111 | 55278 | 27.07 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 90.23% | | |
| 32) 1,2-Dichloroethane-d4 | 4.165 | 67 | 31096 | 23.31 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 77.70% | | |
| 56) Toluene-d8 | 5.188 | 98 | 184784 | 29.02 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.73% | | |
| 64) Bromofluorobenzene | 6.518 | 174 | 69148 | 31.63 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.43% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.268 | 51 | 155019 | 38.80 | ug/l | 90 |
| 3) Dichlorodifluoromethane | 1.256 | 85 | 81660 | 38.62 | ug/l | 88 |
| 4) Chloromethane | 1.389 | 50 | 83354 | 41.36 | ug/l | 82 |
| 5) Bromomethane | 1.688 | 94 | 57639 | 45.02 | ug/l | 85 |
| 6) Vinyl Chloride | 1.458 | 62 | 76353 | 43.93 | ug/l | 93 |
| 7) Chloroethane | 1.752 | 64 | 43778 | 38.37 | ug/l | 97 |
| 8) Trichlorofluoromethane | 1.936 | 101 | 112335 | 49.38 | ug/l | 90 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.293 | 101 | 53191 | 44.71 | ug/l | 93 |
| 10) Methylene Chloride | 2.630 | 84 | 58469 | 37.33 | ug/l | 72 |
| 11) Acrolein | 2.215 | 56 | 57678 | 310.81 | ug/l | 99 |
| 12) Acrylonitrile | 2.804 | 53 | 23527 | 35.39 | ug/l | 98 |
| 13) Iodomethane | 2.401 | 142 | 125230 | 61.85 | ug/l | 99 |
| 14) Acetone | 2.317 | 43 | 111063 | 164.64 | ug/l | 98 |
| 15) Carbon Disulfide | 2.461 | 76 | 176431 | 58.21 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.702 | 59 | 32177 | 191.42 | ug/l | 79 |
| 17) n-Hexane | 3.045 | 57 | 43591 | 57.00 | ug/l | 84 |
| 18) Di-isopropyl-ether | 3.202 | 45 | 303504 | 39.99 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.293 | 61 | 96380 | 33.29 | ug/l | 91 |
| 20) Methyl Acetate | 2.558 | 43 | 64140 | 35.27 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.835 | 73 | 228706 | 48.58 | ug/l | 95 |
| 22) 1,1-Dichloroethane | 3.148 | 63 | 121334 | 36.39 | ug/l | 100 |
| 23) trans-1,2-Dichloroethene | 2.835 | 96 | 54389 | 44.35 | ug/l | 95 |
| 24) cis-1,2-Dichloroethene | 3.599 | 61 | 126456 | 39.27 | ug/l | 87 |
| 25) Bromochloromethane | 3.779 | 49 | 64287 | 40.63 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 3.599 | 77 | 109135 | 43.01 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.748 | 88 | 55521 | 2647.21 | ug/l | 90 |
| 28) 1,1-Dichloropropene | 4.080 | 75 | 100671 | 44.52 | ug/l | 95 |
| 29) Chloroform | 3.834 | 83 | 140943 | 41.10 | ug/l | 89 |
| 31) Cyclohexane | 4.014 | 56 | 101082 | 48.39 | ug/l | 94 |
| 33) 1,2-Dichloroethane | 4.207 | 62 | 116052 | 33.87 | ug/l | 95 |
| 34) 2-Butanone | 3.605 | 43 | 46922 | 46.99 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.966 | 97 | 128294 | 43.82 | ug/l | 94 |
| 36) Carbon Tetrachloride | 4.080 | 117 | 106485 | 45.05 | ug/l | 98 |
| 37) Vinyl Acetate | 3.196 | 43 | 298962 | 41.96 | ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 122470 | 44.55 | ug/l | 91 |
| 39) Methylcyclohexane | 4.676 | 83 | 70712 | 55.92 | ug/l | 91 |
| 40) Dibromomethane | 4.742 | 174 | 73814 | 52.50 | ug/l | 93 |
| 41) 1,2-Dichloropropane | 4.682 | 63 | 86746 | 49.02 | ug/l | 91 |
| 42) Trichloroethene | 4.568 | 130 | 86261 | 56.25 | ug/l | 92 |
| 43) Benzene | 4.207 | 78 | 286955 | 47.27 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.267 | 73 | 174556 | 43.34 | ug/l | 88 |
| 46) Dibromochloromethane | 5.621 | 129 | 101276 | 49.00 | ug/l | 90 |
| 47) 2-Chloroethylvinylether | 4.965 | 63 | 48153 | 59.77 | ug/l | 83 |
| 48) cis-1,3-Dichloropropene | 5.043 | 75 | 128666 | 48.97 | ug/l | 90 |
| 49) trans-1,3-Dichloropropene | 5.320 | 75 | 116942 | 47.97 | ug/l | 100 |
| 50) 1,1,2-Trichloroethane | 5.410 | 97 | 75565 | 48.09 | ug/l | 88 |
| 51) 1,2-Dibromoethane | 5.687 | 107 | 83939 | 49.39 | ug/l | 97 |
| 52) 1,3-Dichloropropane | 5.501 | 76 | 117885 | 44.69 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.116 | 43 | 98522 | 52.09 | ug/l | 98 |
| 54) 2-Hexanone | 5.531 | 43 | 69060 | 60.25 | ug/l | 89 |
| 55) Tetrachloroethene | 5.501 | 164 | 67004 | 54.06 | ug/l | 99 |
| 57) Toluene | 5.224 | 92 | 183760 | 47.23 | ug/l | 94 |
| 58) 1,1,1,2-Tetrachloroethane | 5.964 | 133 | 82392 | 51.13 | ug/l | 75 |
| 59) Chlorobenzene | 5.934 | 112 | 202333 | 50.08 | ug/l | 98 |
| 61) Bromoform | 6.355 | 173 | 81587 | 51.71 | ug/l | 96 |
| 62) Ethylbenzene | 5.976 | 106 | 83696 | 54.24 | ug/l | 90 |
| 63) 1,1,2,2-Tetrachloroethane | 6.572 | 83 | 102954 | 46.09 | ug/l | 90 |
| 65) Styrene | 6.247 | 104 | 227096 | 60.33 | ug/l | 95 |
| 66) m&p-Xylenes | 6.036 | 106 | 235272 | 119.18 | ug/l | 95 |

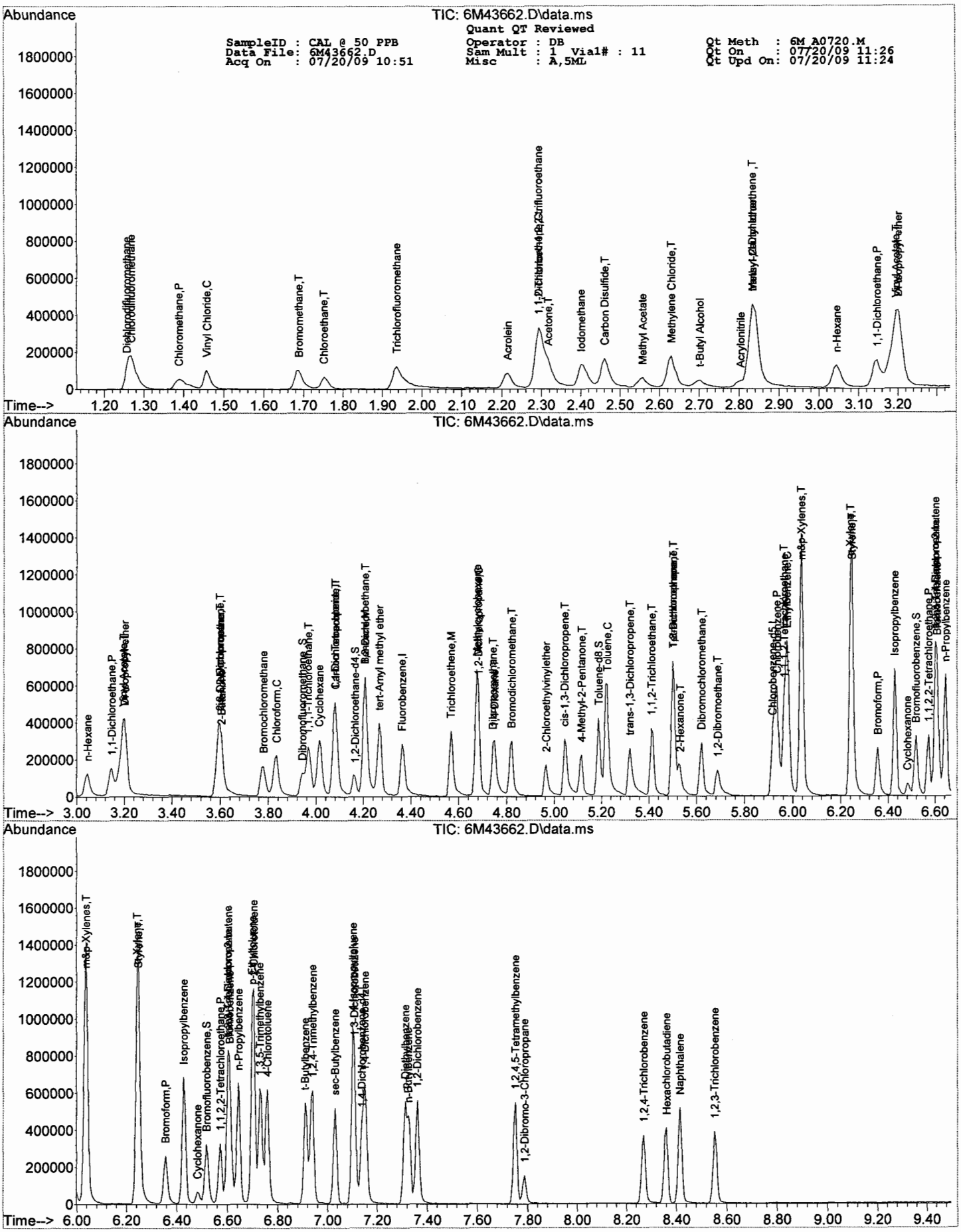
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43662.D Sam Mult : 1 Vial# : 11 Qt On : 07/20/09 11:26
Acq On : 07/20/09 10:51 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.241 | 106 | 123972 | 57.81 | ug/l | 82 |
| 68) trans-1,4-Dichloro-2-b... | 6.602 | 53 | 27194 | 35.75 | ug/l | 56 |
| 69) 1,3-Dichlorobenzene | 7.108 | 146 | 147757 | 56.42 | ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.150 | 146 | 156417 | 49.36 | ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.360 | 146 | 154171 | 54.46 | ug/l | 89 |
| 72) Isopropylbenzene | 6.428 | 105 | 279040 | 58.59 | ug/l | 93 |
| 73) Cyclohexanone | 6.482 | 55 | 19220 | 272.37 | ug/l | 94 |
| 74) 1,2,3-Trichloropropane | 6.602 | 75 | 124317 | 38.53 | ug/l | 88 |
| 75) 2-Chlorotoluene | 6.704 | 91 | 242054 | 50.53 | ug/l | 96 |
| 76) p-Ethyltoluene | 6.698 | 105 | 268517 | 58.09 | ug/l | 81 |
| 77) 4-Chlorotoluene | 6.759 | 91 | 227504 | 51.95 | ug/l | 92 |
| 78) n-Propylbenzene | 6.644 | 91 | 305195 | 54.11 | ug/l | 100 |
| 79) Bromobenzene | 6.608 | 77 | 190059 | 42.95 | ug/l | 90 |
| 80) 1,3,5-Trimethylbenzene | 6.728 | 105 | 227728 | 52.49 | ug/l | 92 |
| 81) t-Butylbenzene | 6.909 | 119 | 195725 | 63.93 | ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.939 | 105 | 235078 | 54.69 | ug/l | 89 |
| 83) sec-Butylbenzene | 7.029 | 105 | 223209 | 59.50 | ug/l | 100 |
| 84) 4-Isopropyltoluene | 7.102 | 119 | 192701 | 64.62 | ug/l | 91 |
| 85) n-Butylbenzene | 7.324 | 91 | 208459 | 55.33 | ug/l | 79 |
| 86) p-Diethylbenzene | 7.312 | 119 | 111674 | 60.83 | ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.752 | 119 | 194593 | 69.42 | ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.788 | 157 | 26884 | 57.61 | ug/l | 66 |
| 89) Hexachlorobutadiene | 8.359 | 225 | 66938 | 61.77 | ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.269 | 180 | 90457 | 65.13 | ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.552 | 180 | 89499 | 60.28 | ug/l | 97 |
| 92) Naphthalene | 8.414 | 128 | 268220 | 66.64 | ug/l | 100 |

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


Abundance
TIC: 6M43662.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 6M43662.D
Acq On : 07/20/09 10:51
Operator : DB
Sam Mult : 1 Via1# : 11
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:26
Qt Upd On: 07/20/09 11:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M43662.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->


Abundance
TIC: 6M43662.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
n-Butylbenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43661.D  Sam Mult : 1  Vial# : 10  Qt On : 07/20/09 11:25
Acq On : 07/20/09 10:35  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.362 | 96 | 203224 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 128545 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.137 | 152 | 66455 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 57260 | 26.58 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 88.60% | | |
| 32) 1,2-Dichloroethane-d4 | 4.158 | 67 | 28646 | 20.35 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 67.83% | | |
| 56) Toluene-d8 | 5.187 | 98 | 184836 | 29.49 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.30% | | |
| 64) Bromofluorobenzene | 6.517 | 174 | 67954 | 31.06 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.53% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.267 | 51 | 335610 | 79.62 | ug/l | 94 |
| 3) Dichlorodifluoromethane | 1.256 | 85 | 185937 | 83.37 | ug/l | 88 |
| 4) Chloromethane | 1.388 | 50 | 178848 | 84.12 | ug/l | 82 |
| 5) Bromomethane | 1.682 | 94 | 123415 | 91.38 | ug/l | 81 |
| 6) Vinyl Chloride | 1.457 | 62 | 160150 | 87.34 | ug/l | 95 |
| 7) Chloroethane | 1.751 | 64 | 94995 | 78.92 | ug/l | 88 |
| 8) Trichlorofluoromethane | 1.936 | 101 | 253724 | 105.71 | ug/l | 86 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.292 | 101 | 121553 | 96.86 | ug/l | 97 |
| 10) Methylene Chloride | 2.629 | 84 | 124392 | 75.29 | ug/l | 68 |
| 11) Acrolein | 2.208 | 56 | 116940 | 597.33 | ug/l | 98 |
| 12) Acrylonitrile | 2.798 | 53 | 49645 | 70.78 | ug/l | 89 |
| 13) Iodomethane | 2.400 | 142 | 279194 | 130.70 | ug/l | 97 |
| 14) Acetone | 2.316 | 43 | 238981 | 335.82 | ug/l | 91 |
| 15) Carbon Disulfide | 2.461 | 76 | 388651 | 121.55 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.701 | 59 | 69699 | 393.04 | ug/l | 76 |
| 17) n-Hexane | 3.044 | 57 | 101231 | 125.48 | ug/l | 81 |
| 18) Di-isopropyl-ether | 3.195 | 45 | 670248 | 83.71 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.292 | 61 | 211195 | 69.14 | ug/l | 91 |
| 20) Methyl Acetate | 2.551 | 43 | 128829 | 67.15 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.834 | 73 | 494017 | 99.46 | ug/l | 94 |
| 22) 1,1-Dichloroethane | 3.147 | 63 | 269861 | 76.71 | ug/l | 100 |
| 23) trans-1,2-Dichloroethene | 2.834 | 96 | 123164 | 95.19 | ug/l | 87 |
| 24) cis-1,2-Dichloroethene | 3.592 | 61 | 271046 | 79.79 | ug/l | 81 |
| 25) Bromochloromethane | 3.773 | 49 | 140073 | 83.92 | ug/l | 86 |
| 26) 2,2-Dichloropropane | 3.592 | 77 | 246216 | 91.98 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.748 | 88 | 117458 | 5308.63 | ug/l | 81 |
| 28) 1,1-Dichloropropene | 4.074 | 75 | 233762 | 97.99 | ug/l | 97 |
| 29) Chloroform | 3.833 | 83 | 312404 | 86.36 | ug/l | 89 |
| 31) Cyclohexane | 4.013 | 56 | 240852 | 109.29 | ug/l | 88 |
| 33) 1,2-Dichloroethane | 4.206 | 62 | 253592 | 70.17 | ug/l | 95 |
| 34) 2-Butanone | 3.598 | 43 | 92605 | 87.92 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.965 | 97 | 287475 | 93.08 | ug/l | 96 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 240298 | 96.38 | ug/l | 90 |
| 37) Vinyl Acetate | 3.195 | 43 | 634967 | 84.48 | ug/l | 100 |
| 38) Bromodichloromethane | 4.814 | 83 | 278608 | 96.06 | ug/l | 90 |
| 39) Methylcyclohexane | 4.675 | 83 | 159521 | 119.57 | ug/l | 90 |
| 40) Dibromomethane | 4.742 | 174 | 157558 | 106.23 | ug/l | 94 |
| 41) 1,2-Dichloropropane | 4.675 | 63 | 184073 | 98.61 | ug/l | 94 |
| 42) Trichloroethene | 4.567 | 130 | 188808 | 116.70 | ug/l | 92 |
| 43) Benzene | 4.206 | 78 | 633025 | 98.84 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.266 | 73 | 385823 | 90.81 | ug/l | 87 |
| 46) Dibromochloromethane | 5.620 | 129 | 230286 | 113.18 | ug/l | 99 |
| 47) 2-Chloroethylvinylether | 4.958 | 63 | 114853 | 144.82 | ug/l | 80 |
| 48) cis-1,3-Dichloropropene | 5.042 | 75 | 278776 | 107.78 | ug/l | 94 |
| 49) trans-1,3-Dichloropropene | 5.319 | 75 | 267357 | 111.40 | ug/l | 97 |
| 50) 1,1,2-Trichloroethane | 5.410 | 97 | 163576 | 105.74 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.686 | 107 | 186458 | 111.44 | ug/l | 96 |
| 52) 1,3-Dichloropropane | 5.500 | 76 | 261035 | 100.52 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.109 | 43 | 212147 | 113.93 | ug/l | 99 |
| 54) 2-Hexanone | 5.524 | 43 | 151839 | 134.56 | ug/l | 98 |
| 55) Tetrachloroethene | 5.500 | 164 | 144861 | 118.71 | ug/l | 93 |
| 57) Toluene | 5.217 | 92 | 401228 | 104.76 | ug/l | 94 |
| 58) 1,1,1,2-Tetrachloroethane | 5.963 | 133 | 171709 | 108.25 | ug/l | 74 |
| 59) Chlorobenzene | 5.933 | 112 | 438712 | 110.31 | ug/l | 97 |
| 61) Bromoform | 6.354 | 173 | 186439 | 118.07 | ug/l | 97 |
| 62) Ethylbenzene | 5.975 | 106 | 194304 | 125.81 | ug/l | 93 |
| 63) 1,1,2,2-Tetrachloroethane | 6.571 | 83 | 225272 | 100.77 | ug/l | 92 |
| 65) Styrene | 6.246 | 104 | 474253 | 125.88 | ug/l | 96 |
| 66) m&p-Xylenes | 6.035 | 106 | 479436 | 242.65 | ug/l | 90 |

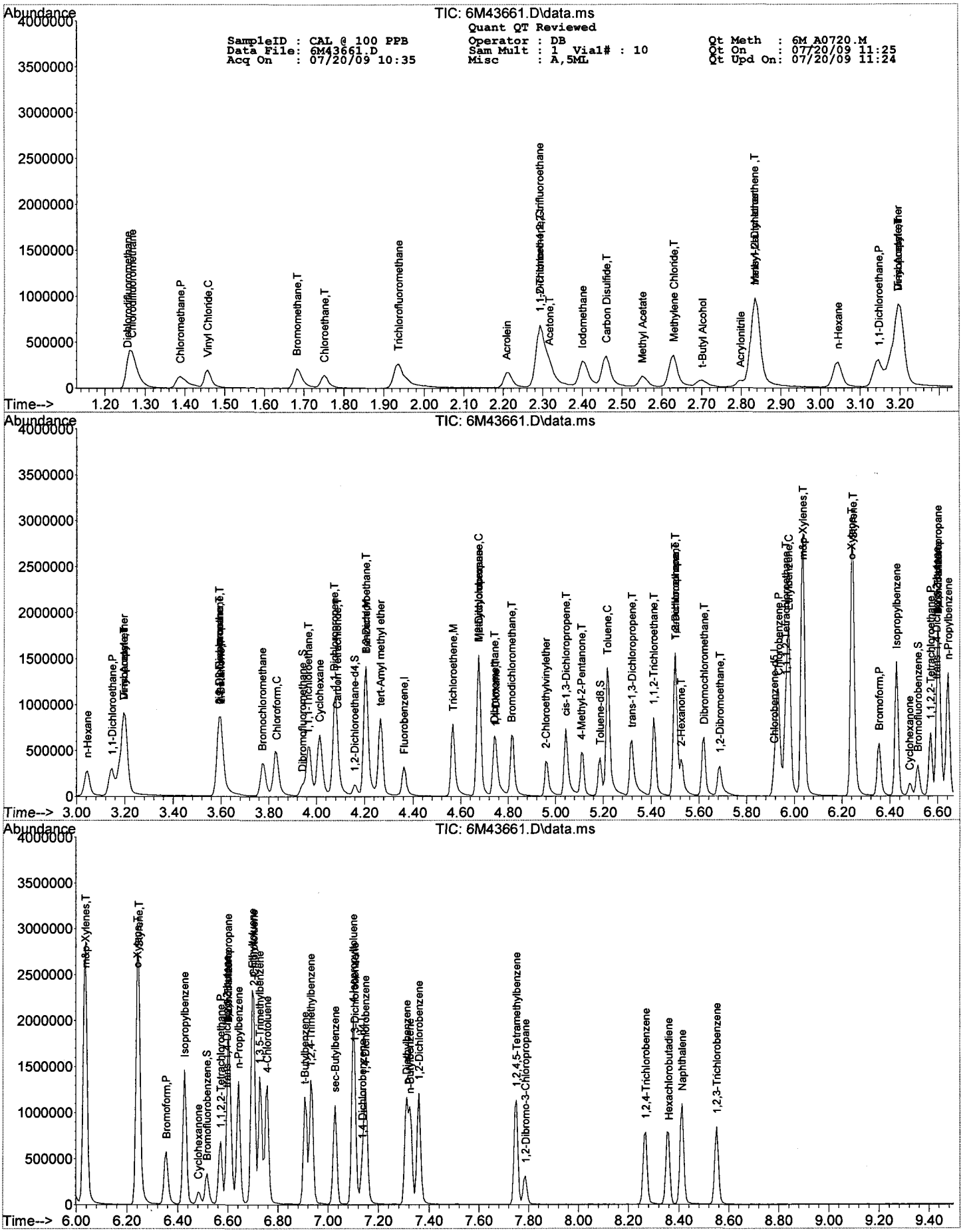
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43661.D  Sam Mult : 1  Vial# : 10  Qt On : 07/20/09 11:25
Acq On : 07/20/09 10:35  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.240 | 106 | 253995 | 118.34 ug/l | 78 |
| 68) trans-1,4-Dichloro-2-b... | 6.595 | 53 | 62777 | 82.46 ug/l | 44 |
| 69) 1,3-Dichlorobenzene | 7.107 | 146 | 305202 | 116.44 ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.149 | 146 | 335986 | 105.94 ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.360 | 146 | 329345 | 116.23 ug/l | 88 |
| 72) Isopropylbenzene | 6.427 | 105 | 596677 | 125.19 ug/l | 94 |
| 73) Cyclohexanone | 6.481 | 55 | 37974 | 537.67 ug/l | 98 |
| 74) 1,2,3-Trichloropropane | 6.601 | 75 | 262213 | 81.21 ug/l | 86 |
| 75) 2-Chlorotoluene | 6.704 | 91 | 452013 | 94.28 ug/l | 97 |
| 76) p-Ethyltoluene | 6.698 | 105 | 550444 | 118.99 ug/l | 82 |
| 77) 4-Chlorotoluene | 6.758 | 91 | 476770 | 108.78 ug/l | 89 |
| 78) n-Propylbenzene | 6.643 | 91 | 651701 | 115.44 ug/l | 98 |
| 79) Bromobenzene | 6.601 | 77 | 376312 | 84.96 ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.728 | 105 | 475818 | 109.58 ug/l | 90 |
| 81) t-Butylbenzene | 6.908 | 119 | 412076 | 134.48 ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.932 | 105 | 502462 | 116.79 ug/l | 91 |
| 83) sec-Butylbenzene | 7.029 | 105 | 471641 | 125.62 ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.101 | 119 | 394532 | 132.20 ug/l | 92 |
| 85) n-Butylbenzene | 7.323 | 91 | 440847 | 116.91 ug/l | 79 |
| 86) p-Diethylbenzene | 7.311 | 119 | 236901 | 128.92 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.751 | 119 | 434476 | 154.87 ug/l | 95 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.787 | 157 | 59373 | 127.13 ug/l | 66 |
| 89) Hexachlorobutadiene | 8.359 | 225 | 132950 | 122.59 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.268 | 180 | 193328 | 139.08 ug/l | 96 |
| 91) 1,2,3-Trichlorobenzene | 8.551 | 180 | 188276 | 126.69 ug/l | 97 |
| 92) Naphthalene | 8.413 | 128 | 569628 | 141.40 ug/l | 100 |

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


Abundance
TIC: 6M43661.D\data.ms
SampleID : CAL @ 100 PPB
Data File: 6M43661.D
Acq On : 07/20/09 10:35
Quant QT Reviewed
Operator : DB
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:25
Qt Upd On: 07/20/09 11:24
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43660.D  Sam Mult : 1  Vial# : 9  Qt On : 07/20/09 11:24
Acq On : 07/20/09 10:19  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.362 | 96 | 205370 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 131908 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.137 | 152 | 62821 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 58432 | 26.84 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 89.47% | | |
| 32) 1,2-Dichloroethane-d4 | 4.157 | 67 | 31005 | 21.80 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 72.67% | | |
| 56) Toluene-d8 | 5.187 | 98 | 192378 | 29.91 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.70% | | |
| 64) Bromofluorobenzene | 6.517 | 174 | 68794 | 33.26 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 110.87% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 840446 | 197.29 | ug/l | 93 |
| 3) Dichlorodifluoromethane | 1.258 | 85 | 459334 | 203.79 | ug/l | 90 |
| 4) Chloromethane | 1.390 | 50 | 450711 | 209.78 | ug/l | 81 |
| 5) Bromomethane | 1.673 | 94 | 247737 | 181.52 | ug/l | 85 |
| 6) Vinyl Chloride | 1.454 | 62 | 405906 | 219.05 | ug/l | 98 |
| 7) Chloroethane | 1.748 | 64 | 220243 | 181.05 | ug/l | 95 |
| 8) Trichlorofluoromethane | 1.932 | 101 | 608919 | 251.06 | ug/l | 90 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.292 | 101 | 295652 | 233.12 | ug/l | 99 |
| 10) Methylene Chloride | 2.623 | 84 | 310612 | 186.04 | ug/l | 69 |
| 11) Acrolein | 2.208 | 56 | 302097 | 1526.98 | ug/l | 97 |
| 12) Acrylonitrile | 2.797 | 53 | 124312 | 175.39 | ug/l | 99 |
| 13) Iodomethane | 2.400 | 142 | 656139 | 303.96 | ug/l | 97 |
| 14) Acetone | 2.316 | 43 | 572403 | 795.94 | ug/l | 95 |
| 15) Carbon Disulfide | 2.454 | 76 | 925962 | 286.58 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.701 | 59 | 180759 | 1008.66 | ug/l | 74 |
| 17) n-Hexane | 3.038 | 57 | 236636 | 290.26 | ug/l | 81 |
| 18) Di-isopropyl-ether | 3.201 | 45 | 1603988 | 198.24 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.292 | 61 | 514052 | 166.53 | ug/l | 92 |
| 20) Methyl Acetate | 2.551 | 43 | 316970 | 163.48 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.833 | 73 | 1188619 | 236.81 | ug/l | 93 |
| 22) 1,1-Dichloroethane | 3.140 | 63 | 658100 | 185.13 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.833 | 96 | 274398 | 209.86 | ug/l | 96 |
| 24) cis-1,2-Dichloroethene | 3.592 | 61 | 679656 | 197.99 | ug/l | 81 |
| 25) Bromochloromethane | 3.772 | 49 | 356361 | 211.27 | ug/l | 91 |
| 26) 2,2-Dichloropropane | 3.598 | 77 | 594543 | 219.79 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.747 | 88 | 293171 | 13111.71 | ug/l | 83 |
| 28) 1,1-Dichloropropene | 4.073 | 75 | 534979 | 221.90 | ug/l | 96 |
| 29) Chloroform | 3.826 | 83 | 771638 | 211.08 | ug/l | 87 |
| 31) Cyclohexane | 4.013 | 56 | 578840 | 259.90 | ug/l | 87 |
| 33) 1,2-Dichloroethane | 4.206 | 62 | 607320 | 166.28 | ug/l | 93 |
| 34) 2-Butanone | 3.598 | 43 | 224511 | 210.92 | ug/l | 96 |
| 35) 1,1,1-Trichloroethane | 3.965 | 97 | 700147 | 224.33 | ug/l | 96 |
| 36) Carbon Tetrachloride | 4.079 | 117 | 560413 | 222.42 | ug/l | 88 |
| 37) Vinyl Acetate | 3.176 | 43 | 1614545 | 212.56 | ug/l | 100 |
| 38) Bromodichloromethane | 4.813 | 83 | 686858 | 234.34 | ug/l | 96 |
| 39) Methylcyclohexane | 4.675 | 83 | 363913 | 269.93 | ug/l | 90 |
| 40) Dibromomethane | 4.741 | 174 | 380191 | 253.65 | ug/l | 92 |
| 41) 1,2-Dichloropropane | 4.675 | 63 | 437548 | 231.94 | ug/l | 94 |
| 42) Trichloroethene | 4.567 | 130 | 457622 | 279.89 | ug/l | 94 |
| 43) Benzene | 4.206 | 78 | 1512932 | 233.77 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.266 | 73 | 975417 | 227.18 | ug/l | 87 |
| 46) Dibromochloromethane | 5.620 | 129 | 572920 | 274.41 | ug/l | 99 |
| 47) 2-Chloroethylvinylether | 4.958 | 63 | 287344 | 353.07 | ug/l | 82 |
| 48) cis-1,3-Dichloropropene | 5.042 | 75 | 710704 | 267.76 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.313 | 75 | 671057 | 272.48 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.409 | 97 | 400352 | 252.20 | ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.680 | 107 | 455020 | 265.01 | ug/l | 93 |
| 52) 1,3-Dichloropropane | 5.494 | 76 | 604518 | 226.85 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.108 | 43 | 556640 | 291.32 | ug/l | 97 |
| 54) 2-Hexanone | 5.524 | 43 | 384482 | 332.04 | ug/l | 94 |
| 55) Tetrachloroethene | 5.500 | 164 | 321232 | 256.54 | ug/l | 100 |
| 57) Toluene | 5.217 | 92 | 955461 | 243.10 | ug/l | 97 |
| 58) 1,1,1,2-Tetrachloroethane | 5.963 | 133 | 400738 | 246.20 | ug/l | 77 |
| 59) Chlorobenzene | 5.933 | 112 | 1049520 | 257.17 | ug/l | 100 |
| 61) Bromoform | 6.354 | 173 | 464110 | 310.91 | ug/l | 96 |
| 62) Ethylbenzene | 5.975 | 106 | 438208 | 300.15 | ug/l | 94 |
| 63) 1,1,2,2-Tetrachloroethane | 6.571 | 83 | 528707 | 250.19 | ug/l | 94 |
| 65) Styrene | 6.246 | 104 | 1027296 | 288.45 | ug/l | 92 |
| 66) m&p-Xylenes | 6.035 | 106 | 1047245 | 560.69 | ug/l | 91 |

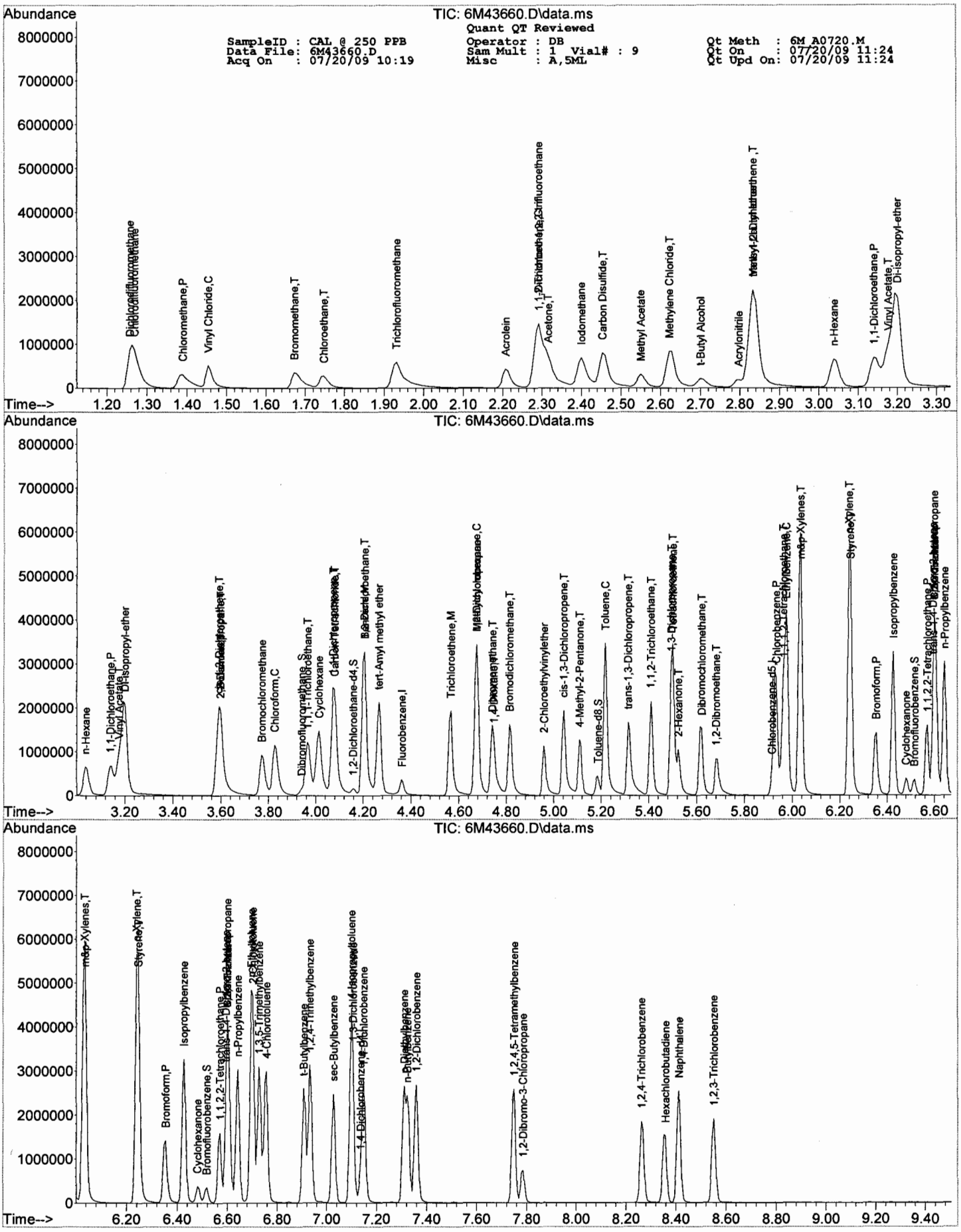
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43660.D  Sam Mult : 1  Vial# : 9  Qt On : 07/20/09 11:24
Acq On : 07/20/09 10:19  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.240 | 106 | 520413 | 256.49 | ug/l | 83 |
| 68) trans-1,4-Dichloro-2-b... | 6.595 | 53 | 143470 | 199.35 | ug/l | 43 |
| 69) 1,3-Dichlorobenzene | 7.106 | 146 | 648205 | 261.60 | ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.149 | 146 | 760736 | 253.75 | ug/l | 83 |
| 71) 1,2-Dichlorobenzene | 7.359 | 146 | 738470 | 275.70 | ug/l | 89 |
| 72) Isopropylbenzene | 6.426 | 105 | 1389950 | 308.49 | ug/l | 94 |
| 73) Cyclohexanone | 6.481 | 55 | 95904 | 1436.45 | ug/l | 96 |
| 74) 1,2,3-Trichloropropane | 6.601 | 75 | 594979 | 194.92 | ug/l | 86 |
| 75) 2-Chlorotoluene | 6.703 | 91 | 934933 | 206.30 | ug/l | 97 |
| 76) p-Ethyltoluene | 6.697 | 105 | 1175890 | 268.90 | ug/l | 82 |
| 77) 4-Chlorotoluene | 6.757 | 91 | 1099578 | 265.40 | ug/l | 90 |
| 78) n-Propylbenzene | 6.643 | 91 | 1473078 | 276.02 | ug/l | 98 |
| 79) Bromobenzene | 6.601 | 77 | 843260 | 201.41 | ug/l | 89 |
| 80) 1,3,5-Trimethylbenzene | 6.727 | 105 | 1084935 | 264.31 | ug/l | 91 |
| 81) t-Butylbenzene | 6.908 | 119 | 938866 | 324.12 | ug/l | 82 |
| 82) 1,2,4-Trimethylbenzene | 6.932 | 105 | 1143258 | 281.10 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.028 | 105 | 1101505 | 310.35 | ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.100 | 119 | 843560 | 299.01 | ug/l | 92 |
| 85) n-Butylbenzene | 7.323 | 91 | 1001976 | 281.08 | ug/l | 79 |
| 86) p-Diethylbenzene | 7.311 | 119 | 537033 | 309.17 | ug/l | 91 |
| 87) 1,2,4,5-Tetramethylben... | 7.750 | 119 | 966261 | 364.36 | ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.787 | 157 | 146617 | 332.09 | ug/l | 68 |
| 89) Hexachlorobutadiene | 8.358 | 225 | 272647 | 265.94 | ug/l | 97 |
| 90) 1,2,4-Trichlorobenzene | 8.262 | 180 | 438314 | 333.56 | ug/l | 95 |
| 91) 1,2,3-Trichlorobenzene | 8.551 | 180 | 441150 | 314.02 | ug/l | 96 |
| 92) Naphthalene | 8.412 | 128 | 1347197 | 353.76 | ug/l | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 6M43660.D
Acq On : 07/20/09 10:19
Operator : DB
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 6M A0720.M
Qt On : 07/20/09 11:24
Qt Upd On: 07/20/09 11:24
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43659.D  Sam Mult : 1  Vial# : 8  Qt On : 07/20/09 11:24
Acq On : 07/20/09 10:03  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.363 | 96 | 207952 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.916 | 117 | 121900 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.138 | 152 | 59940 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.942 | 111 | 55794 | 25.31 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 84.37% | | |
| 32) 1,2-Dichloroethane-d4 | 4.159 | 67 | 30239 | 21.00 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 70.00% | | |
| 56) Toluene-d8 | 5.188 | 98 | 187297 | 31.51 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.03% | | |
| 64) Bromofluorobenzene | 6.518 | 174 | 69080 | 35.00 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 116.67% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.265 | 51 | 1594774 | 369.72 | ug/l | 94 |
| 3) Dichlorodifluoromethane | 1.254 | 85 | 887344 | 388.80 | ug/l | 87 |
| 4) Chloromethane | 1.392 | 50 | 947538 | 435.54 | ug/l | 78 |
| 5) Bromomethane | 1.669 | 94 | 218369 | 158.02 | ug/l | 80 |
| 6) Vinyl Chloride | 1.456 | 62 | 780624 | 416.04 | ug/l | 98 |
| 7) Chloroethane | 1.738 | 64 | 368827 | 299.44 | ug/l | 92 |
| 8) Trichlorofluoromethane | 1.928 | 101 | 1147695 | 467.32 | ug/l | 87 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.287 | 101 | 527268 | 410.59 | ug/l | 97 |
| 10) Methylene Chloride | 2.624 | 84 | 583725 | 345.27 | ug/l | 74 |
| 11) Acrolein | 2.209 | 56 | 536243 | 2676.84 | ug/l | 99 |
| 12) Acrylonitrile | 2.798 | 53 | 234858 | 327.24 | ug/l | 92 |
| 13) Iodomethane | 2.401 | 142 | 1228426 | 562.00 | ug/l | 98 |
| 14) Acetone | 2.317 | 43 | 1094081 | 1502.45 | ug/l | 95 |
| 15) Carbon Disulfide | 2.455 | 76 | 1747290 | 534.06 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 371087 | 2045.01 | ug/l | 83 |
| 17) n-Hexane | 3.039 | 57 | 469494 | 568.73 | ug/l | 80 |
| 18) Di-isopropyl-ether | 3.202 | 45 | 3013094 | 367.77 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.287 | 61 | 933633 | 298.70 | ug/l | 93 |
| 20) Methyl Acetate | 2.552 | 43 | 584104 | 297.52 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.835 | 73 | 2136345 | 420.35 | ug/l | 94 |
| 22) 1,1-Dichloroethane | 3.142 | 63 | 1203642 | 334.38 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.835 | 96 | 484560 | 365.99 | ug/l | 89 |
| 24) cis-1,2-Dichloroethene | 3.593 | 61 | 1161954 | 334.28 | ug/l | 84 |
| 25) Bromochloromethane | 3.773 | 49 | 683775 | 400.34 | ug/l | 88 |
| 26) 2,2-Dichloropropane | 3.599 | 77 | 1044892 | 381.47 | ug/l | 94 |
| 27) 1,4-Dioxane | 4.754 | 88 | 551009 | 24337.21 | ug/l | 91 |
| 28) 1,1-Dichloropropene | 4.074 | 75 | 980466 | 401.64 | ug/l | 96 |
| 29) Chloroform | 3.828 | 83 | 1470738 | 397.33 | ug/l | 88 |
| 31) Cyclohexane | 4.014 | 56 | 1075085 | 476.73 | ug/l | 87 |
| 33) 1,2-Dichloroethane | 4.207 | 62 | 1061860 | 287.13 | ug/l | 90 |
| 34) 2-Butanone | 3.599 | 43 | 403063 | 373.96 | ug/l | 100 |
| 35) 1,1,1-Trichloroethane | 3.966 | 97 | 1321335 | 418.10 | ug/l | 98 |
| 36) Carbon Tetrachloride | 4.080 | 117 | 1012512 | 396.86 | ug/l | 95 |
| 37) Vinyl Acetate | 3.178 | 43 | 2971540 | 386.35 | ug/l | 100 |
| 38) Bromodichloromethane | 4.815 | 83 | 1273306 | 429.04 | ug/l | 94 |
| 39) Methylcyclohexane | 4.670 | 83 | 641129 | 469.64 | ug/l | 88 |
| 40) Dibromomethane | 4.742 | 174 | 673141 | 443.53 | ug/l | 95 |
| 41) 1,2-Dichloropropane | 4.682 | 63 | 788432 | 412.75 | ug/l | 96 |
| 42) Trichloroethene | 4.568 | 130 | 810249 | 489.41 | ug/l | 95 |
| 43) Benzene | 4.207 | 78 | 2707038 | 413.08 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.267 | 73 | 1840323 | 423.30 | ug/l | 86 |
| 46) Dibromochloromethane | 5.621 | 129 | 1048219 | 543.27 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.959 | 63 | 523926 | 696.62 | ug/l | 84 |
| 48) cis-1,3-Dichloropropene | 5.043 | 75 | 1313759 | 535.60 | ug/l | 89 |
| 49) trans-1,3-Dichloropropene | 5.320 | 75 | 1239485 | 544.61 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.410 | 97 | 725977 | 494.87 | ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.687 | 107 | 843296 | 531.47 | ug/l | 90 |
| 52) 1,3-Dichloropropane | 5.495 | 76 | 1028210 | 417.51 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.116 | 43 | 1038374 | 588.06 | ug/l | 94 |
| 54) 2-Hexanone | 5.531 | 43 | 716547 | 669.62 | ug/l | 91 |
| 55) Tetrachloroethene | 5.501 | 164 | 527689 | 456.02 | ug/l | 94 |
| 57) Toluene | 5.218 | 92 | 1657380 | 456.31 | ug/l | 98 |
| 58) 1,1,1,2-Tetrachloroethane | 5.964 | 133 | 670041 | 445.44 | ug/l | 75 |
| 59) Chlorobenzene | 5.934 | 112 | 1823913 | 483.62 | ug/l | 99 |
| 61) Bromoform | 6.355 | 173 | 841709 | 590.97 | ug/l | 95 |
| 62) Ethylbenzene | 5.982 | 106 | 711424 | 510.70 | ug/l | 90 |
| 63) 1,1,2,2-Tetrachloroethane | 6.572 | 83 | 963611 | 477.90 | ug/l | 92 |
| 65) Styrene | 6.253 | 104 | 1584447 | 466.27 | ug/l | 89 |
| 66) m&p-Xylenes | 6.036 | 106 | 1632993 | 916.32 | ug/l | 90 |

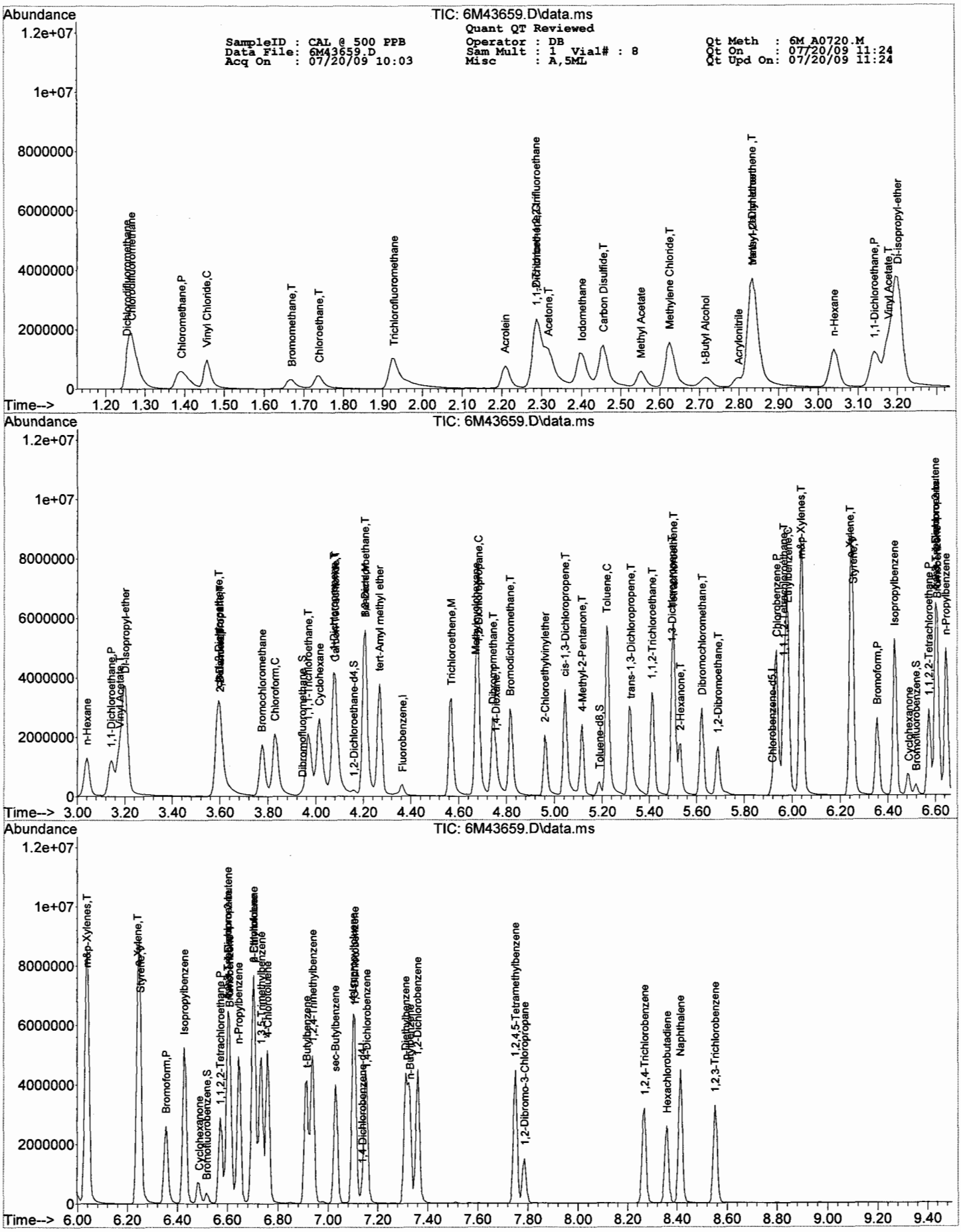
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43659.D Sam Mult : 1 Vial# : 8 Qt On : 07/20/09 11:24
Acq On : 07/20/09 10:03 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.241 | 106 | 824888 | 426.09 | ug/l | 83 |
| 68) trans-1,4-Dichloro-2-b... | 6.602 | 53 | 242620 | 353.33 | ug/l | 40 |
| 69) 1,3-Dichlorobenzene | 7.108 | 146 | 1032189 | 436.59 | ug/l | 88 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 1278024 | 446.78 | ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.360 | 146 | 1247768 | 488.23 | ug/l | 90 |
| 72) Isopropylbenzene | 6.428 | 105 | 2328767 | 541.70 | ug/l | 94 |
| 73) Cyclohexanone | 6.488 | 55 | 194715 | 3056.61 | ug/l | 99 |
| 74) 1,2,3-Trichloropropane | 6.602 | 75 | 981024 | 336.84 | ug/l | 85 |
| 75) 2-Chlorotoluene | 6.704 | 91 | 1514653 | 350.28 | ug/l | 96 |
| 76) p-Ethyltoluene | 6.704 | 105 | 1798298 | 430.99 | ug/l | 80 |
| 77) 4-Chlorotoluene | 6.759 | 91 | 1847810 | 467.43 | ug/l | 92 |
| 78) n-Propylbenzene | 6.644 | 91 | 2540268 | 498.86 | ug/l | 98 |
| 79) Bromobenzene | 6.608 | 77 | 1378200 | 344.99 | ug/l | 91 |
| 80) 1,3,5-Trimethylbenzene | 6.735 | 105 | 1868737 | 477.14 | ug/l | 93 |
| 81) t-Butylbenzene | 6.915 | 119 | 1592683 | 576.26 | ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.939 | 105 | 1928870 | 497.07 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.029 | 105 | 1872787 | 553.03 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.102 | 119 | 1340942 | 498.15 | ug/l | 92 |
| 85) n-Butylbenzene | 7.330 | 91 | 1692637 | 497.65 | ug/l | 80 |
| 86) p-Diethylbenzene | 7.312 | 119 | 914547 | 551.80 | ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.752 | 119 | 1666077 | 658.44 | ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.788 | 157 | 280743 | 666.45 | ug/l | 71 |
| 89) Hexachlorobutadiene | 8.360 | 225 | 426121 | 435.62 | ug/l | 97 |
| 90) 1,2,4-Trichlorobenzene | 8.269 | 180 | 754828 | 602.04 | ug/l | 95 |
| 91) 1,2,3-Trichlorobenzene | 8.552 | 180 | 752558 | 561.44 | ug/l | 97 |
| 92) Naphthalene | 8.414 | 128 | 2347775 | 646.13 | ug/l | 100 |

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


Abundance
TIC: 6M43659.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 6M43659.D
Acq On : 07/20/09 10:03
Operator : DB
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M A0720.M
Qt On : 07/20/09 11:24
Qt Upd On: 07/20/09 11:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Vinyl Acetate,T
Di-isopropyl-ether
Time-->


Abundance
TIC: 6M43659.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Vinyl Acetate,T
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->


Abundance
TIC: 6M43659.D\data.ms
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43656.D  Sam Mult : 1  Vial# : 5  Qt On : 07/20/09 11:28
Acq On : 07/20/09 09:15  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) Fluorobenzene | 4.363 | 96 | 186537 | 30.00 | ug/l | | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 129254 | 30.00 | ug/l | | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.137 | 152 | 62922 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 55781 | 28.21 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 94.03% | | | | |
| 32) 1,2-Dichloroethane-d4 | 4.158 | 67 | 28169 | 21.80 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 72.67% | | | | |
| 56) Toluene-d8 | 5.187 | 98 | 172568 | 27.38 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 91.27% | | | | |
| 64) Bromofluorobenzene | 6.517 | 174 | 63439 | 30.62 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 102.07% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.266 | 51 | 2451 | 0.63 | ug/l | | 52 |
| 3) Dichlorodifluoromethane | 1.266 | 85 | 577 | 0.28 | ug/l | # | 35 |
| 4) Chloromethane | 1.387 | 50 | 1523 | 0.78 | ug/l | | 84 |
| 5) Bromomethane | 1.687 | 94 | 953 | 0.77 | ug/l | | 95 |
| 6) Vinyl Chloride | 1.456 | 62 | 1085 | 0.64 | ug/l | | 92 |
| 7) Chloroethane | 1.744 | 64 | 524 | 0.47 | ug/l | | 46 |
| 8) Trichlorofluoromethane | 1.935 | 101 | 1400 | 0.64 | ug/l | | 57 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.298 | 101 | 566 | 0.49 | ug/l | # | 76 |
| 10) Methylene Chloride | 2.623 | 84 | 1007 | 0.66 | ug/l | | 68 |
| 11) Acrolein | 2.214 | 56 | 1207 | 6.72 | ug/l | | 79 |
| 12) Acrylonitrile | 2.798 | 53 | 415 | 0.64 | ug/l | # | 7 |
| 13) Iodomethane | 2.407 | 142 | 2088 | 1.06 | ug/l | | 84 |
| 14) Acetone | 2.322 | 43 | 3941 | 6.03 | ug/l | | 93 |
| 15) Carbon Disulfide | 2.455 | 76 | 2679 | 0.91 | ug/l | | 100 |
| 16) t-Butyl Alcohol | 2.696 | 59 | 762 | 4.68 | ug/l | # | 1 |
| 17) n-Hexane | 3.045 | 57 | 290 | 0.39 | ug/l | # | 1 |
| 18) Di-isopropyl-ether | 3.195 | 45 | 6078 | 0.83 | ug/l | | 96 |
| 19) 1,1-Dichloroethene | 2.298 | 61 | 1329 | 0.47 | ug/l | | 69 |
| 20) Methyl Acetate | 2.545 | 43 | 1170 | 0.66 | ug/l | | 100 |
| 21) Methyl-t-butyl ether | 2.834 | 73 | 4664 | 1.02 | ug/l | # | 49 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 2148 | 0.67 | ug/l | | 94 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 940 | 0.79 | ug/l | | 89 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 1385 | 0.44 | ug/l | | 65 |
| 25) Bromochloromethane | 3.779 | 49 | 1435 | 0.94 | ug/l | | 81 |
| 26) 2,2-Dichloropropane | 3.592 | 77 | 1807 | 0.74 | ug/l | | 93 |
| 27) 1,4-Dioxane | 4.760 | 88 | 750 | 36.93 | ug/l | | 78 |
| 28) 1,1-Dichloropropene | 4.080 | 75 | 1077 | 0.49 | ug/l | | 83 |
| 29) Chloroform | 3.833 | 83 | 2364 | 0.71 | ug/l | | 81 |
| 31) Cyclohexane | 4.014 | 56 | 948 | 0.47 | ug/l | # | 87 |
| 33) 1,2-Dichloroethane | 4.206 | 62 | 1691 | 0.51 | ug/l | | 97 |
| 34) 2-Butanone | 3.598 | 43 | 610 | 0.63 | ug/l | | 56 |
| 35) 1,1,1-Trichloroethane | 3.965 | 97 | 1880 | 0.66 | ug/l | | 66 |
| 36) Carbon Tetrachloride | 4.080 | 117 | 1276 | 0.56 | ug/l | | 93 |
| 37) Vinyl Acetate | 3.201 | 43 | 7728 | 1.12 | ug/l | | 100 |
| 38) Bromodichloromethane | 4.820 | 83 | 2006 | 0.75 | ug/l | | 97 |
| 39) Methylcyclohexane | 4.670 | 83 | 472 | 0.39 | ug/l | # | 68 |
| 40) Dibromomethane | 4.748 | 174 | 1075 | 0.79 | ug/l | | 81 |
| 41) 1,2-Dichloropropane | 4.676 | 63 | 1466 | 0.86 | ug/l | | 99 |
| 42) Trichloroethene | 4.573 | 130 | 1180 | 0.79 | ug/l | | 74 |
| 43) Benzene | 4.200 | 78 | 4906 | 0.83 | ug/l | | 100 |
| 44) tert-Amyl methyl ether | 4.266 | 73 | 2670 | 0.68 | ug/l | | 93 |
| 46) Dibromochloromethane | 5.627 | 129 | 1399 | 0.68 | ug/l | | 87 |
| 47) 2-Chloroethylvinylether | 4.989 | 63 | 691 | 0.87 | ug/l | # | 50 |
| 48) cis-1,3-Dichloropropene | 5.049 | 75 | 1436 | 0.55 | ug/l | | 81 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 1357 | 0.56 | ug/l | | 51 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 861 | 0.55 | ug/l | | 79 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 1014 | 0.60 | ug/l | | 98 |
| 52) 1,3-Dichloropropane | 5.500 | 76 | 2070 | 0.79 | ug/l | | 41 |
| 53) 4-Methyl-2-Pentanone | 5.115 | 43 | 2479 | 1.32 | ug/l | | 71 |
| 54) 2-Hexanone | 5.530 | 43 | 396 | 0.35 | ug/l | # | 42 |
| 55) Tetrachloroethene | 5.500 | 164 | 708 | 0.58 | ug/l | | 88 |
| 57) Toluene | 5.223 | 92 | 3307 | 0.86 | ug/l | | 85 |
| 58) 1,1,1,2-Tetrachloroethane | 5.964 | 133 | 1124 | 0.70 | ug/l | # | 41 |
| 59) Chlorobenzene | 5.934 | 112 | 3724 | 0.93 | ug/l | | 80 |
| 61) Bromoform | 6.355 | 173 | 1055 | 0.71 | ug/l | | 88 |
| 62) Ethylbenzene | 5.976 | 106 | 1494 | 1.02 | ug/l | | 39 |
| 63) 1,1,2,2-Tetrachloroethane | 6.571 | 83 | 1420 | 0.67 | ug/l | | 93 |
| 65) Styrene | 6.258 | 104 | 3687 | 1.03 | ug/l | | 83 |
| 66) m&p-Xylenes | 6.042 | 106 | 3313 | 1.77 | ug/l | | 46 |

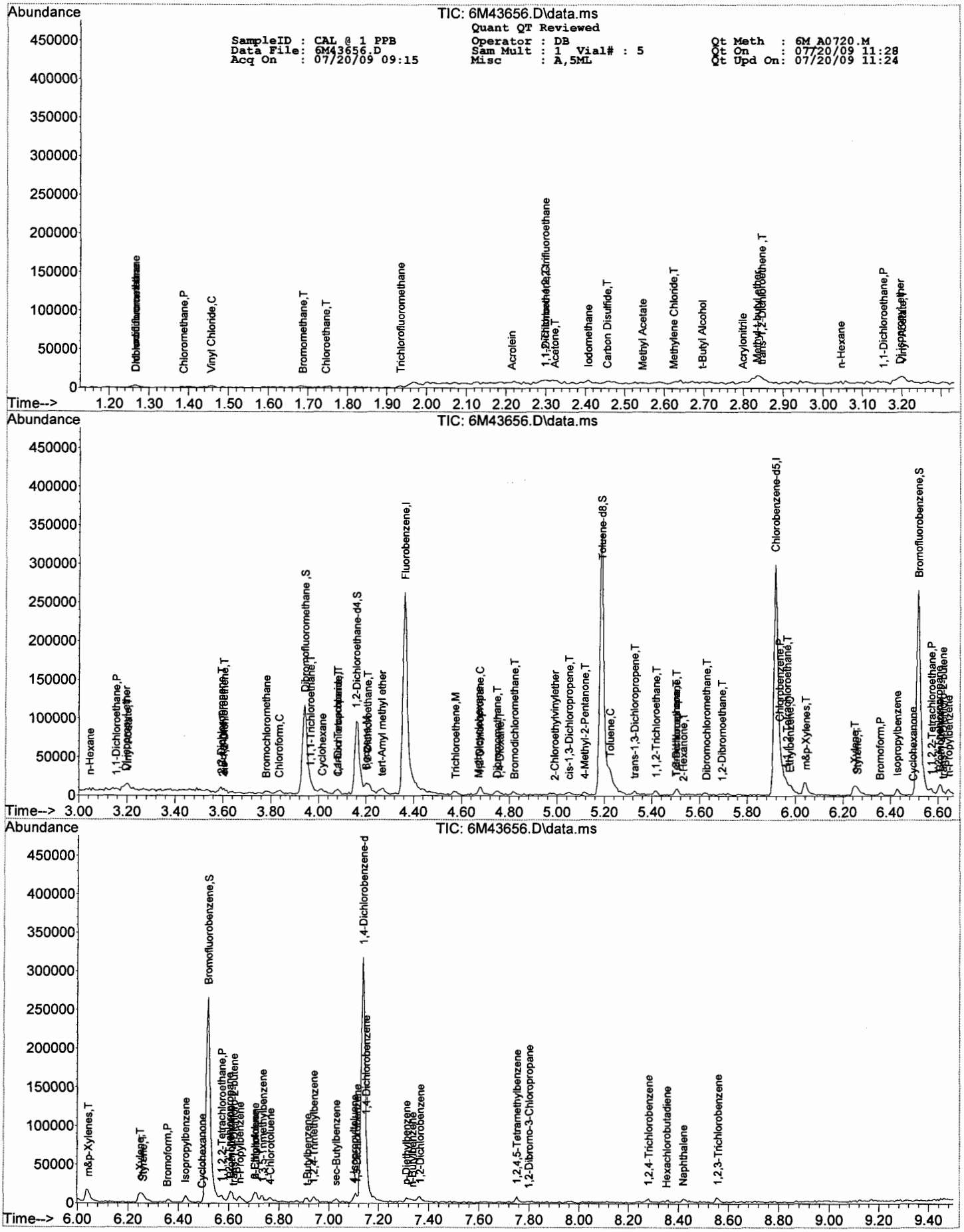
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : DB Qt Meth : 6M_A0720.M
Data File: 6M43656.D Sam Mult : 1 Vial# : 5 Qt On : 07/20/09 11:28
Acq On : 07/20/09 09:15 Misc : A,5ML Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 67) | o-Xylene | 6.246 | 106 | 1669 | 0.82 | ug/l | | 58 |
| 68) | trans-1,4-Dichloro-2-b... | 6.620 | 53 | 379 | 0.53 | ug/l | | 92 |
| 69) | 1,3-Dichlorobenzene | 7.113 | 146 | 2836 | 1.14 | ug/l | | 75 |
| 70) | 1,4-Dichlorobenzene | 7.149 | 146 | 3209m | 1.07 | ug/l | | |
| 71) | 1,2-Dichlorobenzene | 7.366 | 146 | 2100 | 0.78 | ug/l | | 74 |
| 72) | Isopropylbenzene | 6.427 | 105 | 3552 | 0.79 | ug/l | | 98 |
| 73) | Cyclohexanone | 6.493 | 55 | 445 | 6.65 | ug/l | # | 65 |
| 74) | 1,2,3-Trichloropropane | 6.602 | 75 | 2358 | 0.77 | ug/l | | 74 |
| 75) | 2-Chlorotoluene | 6.704 | 91 | 3523 | 0.78 | ug/l | | 97 |
| 76) | p-Ethyltoluene | 6.704 | 105 | 3025 | 0.69 | ug/l | | 81 |
| 77) | 4-Chlorotoluene | 6.764 | 91 | 2789 | 0.67 | ug/l | | 91 |
| 78) | n-Propylbenzene | 6.644 | 91 | 3906 | 0.73 | ug/l | | 97 |
| 79) | Bromobenzene | 6.608 | 77 | 3205 | 0.76 | ug/l | | 91 |
| 80) | 1,3,5-Trimethylbenzene | 6.734 | 105 | 3537 | 0.86 | ug/l | | 79 |
| 81) | t-Butylbenzene | 6.915 | 119 | 1979 | 0.68 | ug/l | | 78 |
| 82) | 1,2,4-Trimethylbenzene | 6.939 | 105 | 3049 | 0.75 | ug/l | | 99 |
| 83) | sec-Butylbenzene | 7.029 | 105 | 2496 | 0.70 | ug/l | | 94 |
| 84) | 4-Isopropyltoluene | 7.101 | 119 | 2176 | 0.77 | ug/l | | 93 |
| 85) | n-Butylbenzene | 7.336 | 91 | 2683 | 0.75 | ug/l | | 79 |
| 86) | p-Diethylbenzene | 7.312 | 119 | 1160 | 0.67 | ug/l | | 90 |
| 87) | 1,2,4,5-Tetramethylben... | 7.751 | 119 | 2969 | 1.12 | ug/l | | 96 |
| 88) | 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 231 | 0.52 | ug/l | | 68 |
| 89) | Hexachlorobutadiene | 8.353 | 225 | 372 | 0.36 | ug/l | # | 56 |
| 90) | 1,2,4-Trichlorobenzene | 8.281 | 180 | 1168 | 0.89 | ug/l | | 86 |
| 91) | 1,2,3-Trichlorobenzene | 8.558 | 180 | 1359 | 0.97 | ug/l | | 87 |
| 92) | Naphthalene | 8.419 | 128 | 4102 | 1.08 | ug/l | | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 6M43656.D
Acq On : 07/20/09 09:15
Operator : DB
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M A0720.M
Qt On : 07/20/09 11:28
Qt Upd On: 07/20/09 11:24
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43657.D  Sam Mult : 1  Vial# : 6  Qt On : 07/20/09 11:31
Acq On : 07/20/09 09:31  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) Fluorobenzene | 4.362 | 96 | 180875 | 30.00 ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.915 | 117 | 124837 | 30.00 ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.136 | 152 | 58963 | 30.00 ug/l | 0.00 |
| System Monitoring Compounds | | | | | |
| 30) Dibromofluoromethane | 3.941 | 111 | 51177 | 26.69 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 88.97% | |
| 32) 1,2-Dichloroethane-d4 | 4.163 | 67 | 26301 | 21.00 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 70.00% | |
| 56) Toluene-d8 | 5.186 | 98 | 166721 | 27.39 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 91.30% | |
| 64) Bromofluorobenzene | 6.516 | 174 | 62836 | 32.37 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.90% | |
| Target Compounds | | | | | Qvalue |
| 2) Chlorodifluoromethane | 0.000 | | 0 | N.D. d | |
| 3) Dichlorodifluoromethane | 0.000 | | 0 | N.D. d | |
| 4) Chloromethane | 0.000 | | 0 | N.D. d | |
| 5) Bromomethane | 0.000 | | 0 | N.D. d | |
| 6) Vinyl Chloride | 0.000 | | 0 | N.D. d | |
| 7) Chloroethane | 0.000 | | 0 | N.D. d | |
| 8) Trichlorofluoromethane | 0.000 | | 0 | N.D. d | |
| 9) 1,1,2-Trichloro-1,2,2-... | 0.000 | | 0 | N.D. d | |
| 10) Methylene Chloride | 0.000 | | 0 | N.D. d | |
| 11) Acrolein | 0.000 | | 0 | N.D. d | |
| 12) Acrylonitrile | 0.000 | | 0 | N.D. d | |
| 13) Iodomethane | 0.000 | | 0 | N.D. d | |
| 14) Acetone | 0.000 | | 0 | N.D. d | |
| 15) Carbon Disulfide | 0.000 | | 0 | N.D. d | |
| 16) t-Butyl Alcohol | 0.000 | | 0 | N.D. d | |
| 17) n-Hexane | 0.000 | | 0 | N.D. d | |
| 18) Di-isopropyl-ether | 0.000 | | 0 | N.D. d | |
| 19) 1,1-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 20) Methyl Acetate | 0.000 | | 0 | N.D. d | |
| 21) Methyl-t-butyl ether | 2.827 | 73 | 2030 | 0.46 ug/l # | 50 |
| 22) 1,1-Dichloroethane | 0.000 | | 0 | N.D. d | |
| 23) trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 24) cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 25) Bromochloromethane | 0.000 | | 0 | N.D. d | |
| 26) 2,2-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 27) 1,4-Dioxane | 0.000 | | 0 | N.D. d | |
| 28) 1,1-Dichloropropene | 0.000 | | 0 | N.D. d | |
| 29) Chloroform | 0.000 | | 0 | N.D. d | |
| 31) Cyclohexane | 0.000 | | 0 | N.D. d | |
| 33) 1,2-Dichloroethane | 4.205 | 62 | 817 | 0.25 ug/l | 39 |
| 34) 2-Butanone | 0.000 | | 0 | N.D. d | |
| 35) 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. d | |
| 36) Carbon Tetrachloride | 0.000 | | 0 | N.D. d | |
| 37) Vinyl Acetate | 0.000 | | 0 | N.D. d | |
| 38) Bromodichloromethane | 0.000 | | 0 | N.D. d | |
| 39) Methylcyclohexane | 0.000 | | 0 | N.D. d | |
| 40) Dibromomethane | 0.000 | | 0 | N.D. d | |
| 41) 1,2-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 42) Trichloroethene | 0.000 | | 0 | N.D. d | |
| 43) Benzene | 4.205 | 78 | 1961 | 0.34 ug/l | 100 |
| 44) tert-Amyl methyl ether | 0.000 | | 0 | N.D. d | |
| 46) Dibromochloromethane | 0.000 | | 0 | N.D. d | |
| 47) 2-Chloroethylvinylether | 0.000 | | 0 | N.D. d | |
| 48) cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. d | |
| 49) trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. d | |
| 50) 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. d | |
| 51) 1,2-Dibromoethane | 0.000 | | 0 | N.D. d | |
| 52) 1,3-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 53) 4-Methyl-2-Pentanone | 0.000 | | 0 | N.D. d | |
| 54) 2-Hexanone | 0.000 | | 0 | N.D. d | |
| 55) Tetrachloroethene | 0.000 | | 0 | N.D. | |
| 57) Toluene | 0.000 | | 0 | N.D. d | |
| 58) 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. d | |
| 59) Chlorobenzene | 0.000 | | 0 | N.D. d | |
| 61) Bromoform | 0.000 | | 0 | N.D. d | |
| 62) Ethylbenzene | 0.000 | | 0 | N.D. d | |
| 63) 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. d | |
| 65) Styrene | 0.000 | | 0 | N.D. d | |
| 66) m&p-Xylenes | 6.041 | 106 | 968 | 0.55 ug/l | 87 |

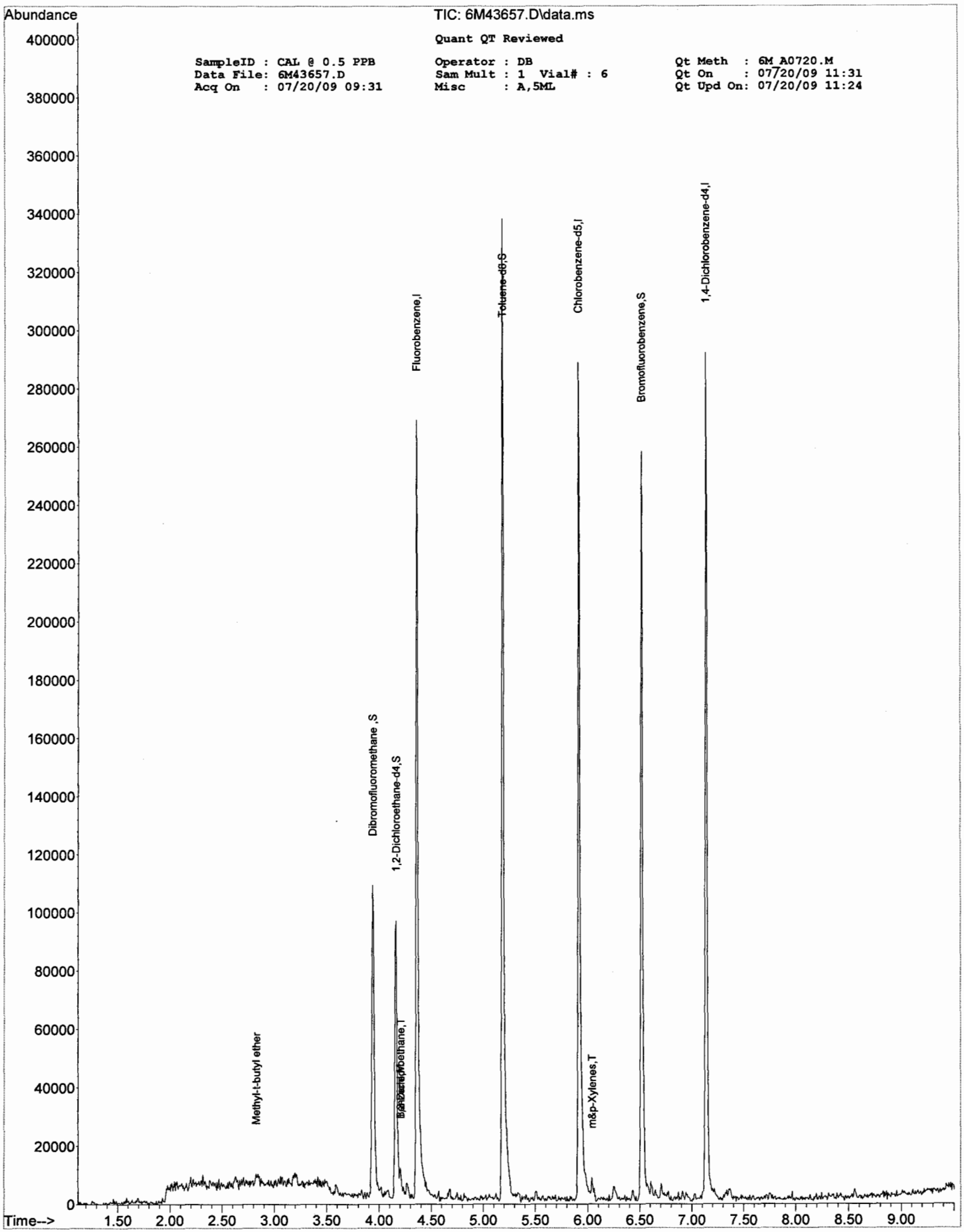
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB  Operator : DB  Qt Meth : 6M_A0720.M
Data File: 6M43657.D  Sam Mult : 1  Vial# : 6  Qt On : 07/20/09 11:31
Acq On : 07/20/09 09:31  Misc : A,5ML  Qt Upd On: 07/20/09 11:24

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 0.000 | | 0 | N.D. | d | |
| 68) trans-1,4-Dichloro-2-b... | 0.000 | | 0 | N.D. | d | |
| 69) 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 70) 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 71) 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 72) Isopropylbenzene | 0.000 | | 0 | N.D. | d | |
| 73) Cyclohexanone | 0.000 | | 0 | N.D. | d | |
| 74) 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | d | |
| 75) 2-Chlorotoluene | 0.000 | | 0 | N.D. | d | |
| 76) p-Ethyltoluene | 0.000 | | 0 | N.D. | d | |
| 77) 4-Chlorotoluene | 0.000 | | 0 | N.D. | d | |
| 78) n-Propylbenzene | 0.000 | | 0 | N.D. | d | |
| 79) Bromobenzene | 0.000 | | 0 | N.D. | d | |
| 80) 1,3,5-Trimethylbenzene | 0.000 | | 0 | N.D. | d | |
| 81) t-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 82) 1,2,4-Trimethylbenzene | 0.000 | | 0 | N.D. | d | |
| 83) sec-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 84) 4-Isopropyltoluene | 0.000 | | 0 | N.D. | d | |
| 85) n-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 86) p-Diethylbenzene | 0.000 | | 0 | N.D. | d | |
| 87) 1,2,4,5-Tetramethylben... | 0.000 | | 0 | N.D. | d | |
| 88) 1,2-Dibromo-3-Chloropr... | 0.000 | | 0 | N.D. | | |
| 89) Hexachlorobutadiene | 0.000 | | 0 | N.D. | d | |
| 90) 1,2,4-Trichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 91) 1,2,3-Trichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 92) Naphthalene | 0.000 | | 0 | N.D. | d | |

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


Abundance
TIC: 6M43657.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 6M43657.D
Acq On : 07/20/09 09:31
Operator : DB
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/20/09 11:31
Qt Upd On: 07/20/09 11:24
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form 6
## Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M44166. | CAL @ 20 PPB | 07/30/09 08:51 | 2 | 6M44165. | CAL @ 5 PPB | 07/30/09 08:35 |
| 3 | 6M44171. | CAL @ 10 PPB | 07/30/09 10:10 | 4 | 6M44170. | CAL @ 50 PPB | 07/30/09 09:54 |
| 5 | 6M44169. | CAL @ 100 PPB | 07/30/09 09:38 | 6 | 6M44168. | CAL @ 250 PPB | 07/30/09 09:23 |
| 7 | 6M44167. | CAL @ 500 PPB | 07/30/09 09:07 | 8 | 6M44174. | CAL @ 1 PPB | 07/30/09 11:07 |
| 9 | 6M44164. | CAL @ 0.5 PPB | 07/30/09 08:19 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorodifluoromethane | 1 | 0 | Avg | 0.5566 | 0.4736 | 0.4920 | 0.5413 | 0.5676 | 0.5634 | 0.5404 | 0.3754 | ----- | 0.514 | 1.27 | 1.00 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dichlorodifluoromethan | 1 | 0 | LinF | 0.3457 | 0.2290 | 0.3180 | 0.3168 | 0.3078 | 0.2941 | 0.2861 | 0.1878 | ----- | 0.286 | 1.26 | 1.00 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloromethane | 1 | 0 | Avg | 0.3019 | 0.3269 | 0.3162 | 0.2780 | 0.2797 | 0.2789 | 0.2921 | 0.2295 | ----- | 0.288 | 1.39 | 0.999 | 1.00 | 10 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromomethane | 1 | 0 | LinF | 0.2475 | 0.2375 | 0.2589 | 0.2155 | 0.2023 | ----- | ----- | 0.1622 | ----- | 0.221 | 1.70 | 0.998 | 0.999 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | | | 1.00 | |
| Vinyl Chloride | 1 | 0 | Avg | 0.3307 | 0.2674 | 0.3026 | 0.3132 | 0.3075 | 0.2887 | 0.2905 | 0.2100 | ----- | 0.289 | 1.46 | 1.00 | 1.00 | 13 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloroethane | 1 | 0 | Avg | 0.1531 | 0.1799 | 0.1666 | 0.1476 | 0.1478 | 0.1342 | 0.1268 | 0.1507 | ----- | 0.151 | 1.76 | 0.999 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Trichlorofluoromethane | 1 | 0 | Avg | 0.3898 | 0.2972 | 0.3869 | 0.3605 | 0.3631 | 0.3607 | 0.3818 | 0.2841 | ----- | 0.353 | 1.95 | 0.999 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2-Trichloro-1.2.2-tri | 1 | 0 | LinF | 0.2167 | 0.1252 | 0.1982 | 0.1897 | 0.1868 | 0.1824 | 0.1805 | 0.0743 | ----- | 0.169 | 2.30 | 1.00 | 1.00 | 27 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methylene Chloride | 1 | 0 | Avg | 0.2128 | 0.1897 | 0.1781 | 0.2008 | 0.1913 | 0.1865 | 0.1835 | 0.1723 | ----- | 0.189 | 2.64 | 1.00 | 1.00 | 6.7 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Acrolein | 1 | 0 | LinF | 0.0361 | 0.0309 | 0.0309 | 0.0328 | 0.0313 | 0.0315 | 0.0325 | 0.0521 | ----- | 0.0348 | 2.23 | 1.00 | 1.00 | 21 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| Acrylonitrile | 1 | 0 | LinF | 0.0545 | 0.0752 | 0.0809 | 0.0748 | 0.0735 | 0.0725 | 0.0714 | 0.0978 | ----- | 0.0751 | 2.82 | 1.00 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Iodomethane | 1 | 0 | Avg | 0.4772 | 0.4209 | 0.4941 | 0.4574 | 0.4519 | 0.4399 | 0.4214 | 0.3902 | ----- | 0.444 | 2.41 | 0.999 | 1.00 | 7.5 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Acetone | 1 | 0 | Lin | 0.0849 | 0.0923 | 0.0910 | 0.0754 | 0.0709 | 0.0691 | 0.0677 | 0.1430 | ----- | 0.0868 | 2.33 | 1.00 | 1.00 | 28 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| Carbon Disulfide | 1 | 0 | Avg | 0.6342 | 0.4658 | 0.5910 | 0.6011 | 0.5748 | 0.5627 | 0.5519 | 0.4614 | ----- | 0.555 | 2.47 | 1.00 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| t-Butyl Alcohol | 1 | 0 | Avg | 0.0188 | 0.0208 | 0.0222 | 0.0157 | 0.0157 | 0.0165 | 0.0181 | 0.0226 | ----- | 0.0188 | 2.71 | 0.998 | 1.00 | 15 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| n-Hexane | 1 | 0 | LinF | 0.1217 | 0.0498 | 0.1099 | 0.1243 | 0.1319 | 0.1275 | 0.1282 | 0.1607 | ----- | 0.119 | 3.06 | 1.00 | 1.00 | 26 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Di-isopropyl-ether | 1 | 0 | Avg | 1.0033 | 0.9376 | 0.9816 | 1.0127 | 0.9826 | 0.9725 | 0.9253 | 0.7394 | ----- | 0.944 | 3.21 | 0.999 | 1.00 | 9.3 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1-Dichloroethene | 1 | 0 | Avg | 0.3482 | 0.2645 | 0.3377 | 0.3204 | 0.3171 | 0.3022 | 0.2924 | 0.2566 | ----- | 0.305 | 2.30 | 1.00 | 1.00 | 11 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methyl Acetate | 1 | 0 | Avg | 0.2378 | 0.2138 | 0.2217 | 0.1932 | 0.1809 | 0.1889 | 0.1857 | 0.2583 | ----- | 0.210 | 2.57 | 1.00 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methyl-t-butyl ether | 1 | 0 | LinF | 0.6955 | 0.6482 | 0.7058 | 0.6966 | 0.6776 | 0.6588 | 0.6067 | 0.5696 | 0.2677 | 0.614 | 2.85 | 0.998 | 1.00 | 22 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | 0.50 |
| 1.1-Dichloroethane | 1 | 0 | Avg | 0.4322 | 0.3882 | 0.4082 | 0.4052 | 0.4050 | 0.3998 | 0.3893 | 0.5302 | ----- | 0.420 | 3.16 | 1.00 | 1.00 | 11 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.2-Dichloroether | 1 | 0 | LinF | 0.1911 | 0.1494 | 0.1820 | 0.1836 | 0.1777 | ----- | ----- | 0.2469 | ----- | 0.188 | 2.85 | 0.999 | 1.00 | 17 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | | | 1.00 | |
| cis-1.2-Dichloroethene | 1 | 0 | Avg | 0.3885 | 0.3797 | 0.4021 | 0.4257 | 0.4179 | 0.3973 | 0.3839 | 0.2998 | ----- | 0.387 | 3.60 | 0.999 | 1.00 | 10 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromochloromethane | 1 | 0 | Avg | 0.2095 | 0.2162 | 0.2311 | 0.2139 | 0.2077 | 0.2094 | 0.2023 | 0.1992 | ----- | 0.211 | 3.79 | 1.00 | 1.00 | 4.6 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2.2-Dichloropropane | 1 | 0 | Avg | 0.3347 | 0.2292 | 0.2817 | 0.3087 | 0.3108 | 0.3011 | 0.3007 | 0.3011 | ----- | 0.296 | 3.60 | 1.00 | 1.00 | 10 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.4-Dioxane | 1 | 0 | LinF | 0.0032 | 0.0022 | 0.0035 | 0.0032 | 0.0032 | 0.0031 | 0.0030 | 0.0021 | ----- | 0.00300 | 4.75 | 1.00 | 1.00 | 17 | | 1000. | 250.0 | 500.0 | 2500. | 5000. | 1250 | 2500 | 50.00 | |
| 1.1-Dichloropropene | 1 | 0 | LinF | 0.3167 | 0.2286 | 0.2801 | 0.3322 | 0.3320 | 0.3215 | 0.3020 | 0.2553 | ----- | 0.296 | 4.09 | 0.999 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chloroform | 1 | 0 | Avg | 0.5407 | 0.5156 | 0.5233 | 0.5232 | 0.5029 | 0.4862 | 0.4897 | 0.4980 | ----- | 0.510 | 3.84 | 1.00 | 1.00 | 3.7 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromofluoromethane | 1 | 0 | Avg | 0.3330 | 0.3337 | 0.3231 | 0.3092 | 0.3010 | 0.3047 | 0.2949 | 0.3486 | 0.3513 | 0.322 | 3.95 | -1 | -1 | 6.5 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Cyclohexane | 1 | 0 | LinF | 0.3353 | 0.1761 | 0.3512 | 0.3451 | 0.3495 | 0.3403 | 0.3276 | 0.2274 | ----- | 0.307 | 4.03 | 1.00 | 1.00 | 22 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | Avg | 0.1716 | 0.1808 | 0.1688 | 0.1604 | 0.1670 | 0.1625 | 0.1642 | 0.1940 | 0.1852 | 0.173 | 4.17 | -1 | -1 | 6.6 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| 1.2-Dichloroethane | 1 | 0 | LinF | 0.4563 | 0.3800 | 0.4001 | 0.4224 | 0.4013 | ----- | ----- | 0.4084 | 0.2471 | 0.388 | 4.22 | 0.999 | 1.00 | 17 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | | | 1.00 | 0.50 |
| 2-Butanone | 1 | 0 | Avg | 0.1459 | 0.1365 | 0.1426 | 0.1322 | 0.1233 | 0.1255 | 0.1241 | 0.1564 | ----- | 0.136 | 3.62 | 1.00 | 1.00 | 8.7 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.1-Trichloroethane | 1 | 0 | Avg | 0.4461 | 0.3505 | 0.4524 | 0.4303 | 0.4357 | 0.4243 | 0.4278 | 0.3299 | ----- | 0.412 | 3.98 | 1.00 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Carbon Tetrachloride | 1 | 0 | LinF | 0.4026 | 0.2826 | 0.3774 | 0.3805 | 0.3762 | 0.3580 | ----- | 0.3089 | ----- | 0.355 | 4.09 | 0.999 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| Vinyl Acetate | 1 | 0 | Avg | 0.9605 | 0.7932 | 0.7875 | 0.8910 | 0.8980 | 0.9010 | 0.8958 | 0.8277 | ----- | 0.869 | 3.21 | 1.00 | 1.00 | 6.9 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromodichloromethane | 1 | 0 | LinF | 0.4495 | 0.3757 | 0.3915 | 0.4272 | 0.4361 | 0.4277 | 0.4182 | 0.2433 | ----- | 0.396 | 4.83 | 1.00 | 1.00 | 17 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Methylcyclohexane | 1 | 0 | LinF | 0.2085 | 0.0837 | 0.2003 | 0.2235 | 0.2357 | 0.2175 | 0.1995 | 0.1253 | ----- | 0.187 | 4.68 | 0.997 | 1.00 | 29 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromomethane | 1 | 0 | Avg | 0.3199 | 0.2729 | 0.2919 | 0.2885 | 0.2735 | 0.2537 | 0.2379 | 0.2767 | ----- | 0.277 | 4.75 | 0.998 | 1.00 | 8.9 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichloropropane | 1 | 0 | Avg | 0.2662 | 0.2314 | 0.2489 | 0.2727 | 0.2729 | 0.2613 | 0.2402 | 0.2600 | ----- | 0.257 | 4.69 | 0.998 | 1.00 | 5.9 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Trichloroethene | 1 | 0 | LinF | 0.2628 | 0.2207 | 0.2858 | 0.2882 | 0.2872 | 0.2791 | 0.2632 | 0.1391 | ----- | 0.253 | 4.58 | 0.999 | 1.00 | 20 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

***Flags***

*a - failed the spcc criteria* ** - ccc compound*

*b - failed the ccc criteria* *** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

***Note:*** Avg Rsd: 15

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

# Form 6
## Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

0220

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M44166. | CAL @ 20 PPB | 07/30/09 08:51 | 2 | 6M44165. | CAL @ 5 PPB | 07/30/09 08:35 |
| 3 | 6M44171. | CAL @ 10 PPB | 07/30/09 10:10 | 4 | 6M44170. | CAL @ 50 PPB | 07/30/09 09:54 |
| 5 | 6M44169. | CAL @ 100 PPB | 07/30/09 09:38 | 6 | 6M44168. | CAL @ 250 PPB | 07/30/09 09:23 |
| 7 | 6M44167. | CAL @ 500 PPB | 07/30/09 09:07 | 8 | 6M44174. | CAL @ 1 PPB | 07/30/09 11:07 |
| 9 | 6M44164. | CAL @ 0.5 PPB | 07/30/09 08:19 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1 | 0 | LinF | 0.9046 | 0.8282 | 0.9396 | 0.9251 | 0.9073 | ----- | ----- | 0.7364 | 0.6527 | 0.842 | 4.21 | 1.00 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | | | 1.00 | 0.50 |
| tert-Amyl methyl ether | 1 | 0 | LinF | 0.6848 | 0.5705 | 0.6685 | 0.7321 | 0.7180 | 0.7159 | 0.6608 | 0.4237 | ----- | 0.647 | 4.27 | 0.998 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Dibromochloromethane | 1 | 0 | Avg | 0.5380 | 0.4061 | 0.4825 | 0.5362 | 0.5326 | 0.5583 | 0.5444 | 0.3496 | ----- | 0.494 | 5.63 | 1.00 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Chloroethylvinylether | 1 | 0 | LinF | 0.1809 | 0.1097 | 0.1704 | 0.2091 | 0.2287 | 0.2385 | ----- | 0.2003 | ----- | 0.191 | 4.98 | 0.999 | 1.00 | 23 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| cis-1.3-Dichloropropene | 1 | 0 | LinF | 0.5756 | 0.3506 | 0.4641 | 0.5731 | 0.5763 | 0.6218 | 0.6294 | 0.2470 | ----- | 0.505 | 5.06 | 1.00 | 1.00 | 28 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.3-Dichloroprope | 1 | 0 | LinF | 0.4907 | 0.3443 | 0.4267 | 0.5507 | 0.5526 | 0.5930 | 0.6029 | 0.3008 | ----- | 0.483 | 5.33 | 1.00 | 1.00 | 24 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2-Trichloroethane | 1 | 0 | Avg | 0.3904 | 0.3363 | 0.3792 | 0.3755 | 0.3715 | 0.3823 | 0.3658 | 0.3051 | ----- | 0.363 | 5.42 | 1.00 | 1.00 | 7.8 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dibromoethane | 1 | 0 | Avg | 0.4169 | 0.3400 | 0.3820 | 0.4144 | 0.4075 | 0.4303 | 0.4349 | 0.2930 | ----- | 0.390 | 5.70 | 1.00 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3-Dichloropropane | 1 | 0 | Avg | 0.6198 | 0.4980 | 0.5540 | 0.6069 | 0.5812 | 0.5653 | 0.5240 | 0.5085 | ----- | 0.557 | 5.51 | 0.998 | 1.00 | 8.0 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 4-Methyl-2-Pentanone | 1 | 0 | LinF | 0.4098 | 0.2702 | 0.3939 | 0.4296 | 0.4135 | 0.4507 | 0.4669 | 0.1644 | ----- | 0.375 | 5.12 | 0.999 | 1.00 | 28 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Hexanone | 1 | 0 | LinF | 0.2328 | 0.1199 | 0.2156 | 0.2693 | 0.2746 | 0.3059 | 0.3073 | ----- | ----- | 0.247 | 5.54 | 1.00 | 1.00 | 27 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | | |
| Tetrachloroethene | 1 | 0 | Avg | 0.4079 | 0.2584 | 0.3350 | 0.3727 | 0.3540 | 0.3202 | 0.2815 | 0.3156 | ----- | 0.331 | 5.51 | 0.994 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Toluene-d8 | 1 | 0 | Avg | 1.4306 | 1.2957 | 1.3603 | 1.4204 | 1.4085 | 1.4163 | 1.4876 | 1.2978 | 1.2817 | 1.38 | 5.19 | -1 | -1 | 5.2 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Toluene | 1 | 0 | Avg | 0.9079 | 0.6892 | 0.8705 | 0.8735 | 0.8595 | 0.8450 | 0.8161 | 0.6084 | ----- | 0.809 | 5.22 | 1.00 | 1.00 | 13 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.1.2-Tetrachloroetha | 1 | 0 | Avg | 0.4588 | 0.3340 | 0.4030 | 0.4409 | 0.4103 | 0.3936 | 0.3546 | 0.3716 | ----- | 0.396 | 5.97 | 0.997 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Chlorobenzene | 1 | 0 | Avg | 1.0574 | 0.9417 | 0.9904 | 1.0282 | 1.0074 | 0.9923 | 0.9305 | 0.9500 | ----- | 0.987 | 5.94 | 0.999 | 1.00 | 4.5 | **(0.300) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromoform | 1 | 0 | Avg | 0.7608 | 0.7635 | 0.6800 | 0.7702 | 0.8266 | 0.8521 | 0.8646 | 0.6293 | ----- | 0.768 | 6.36 | 1.00 | 1.00 | 11 | **(0.100) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Ethylbenzene | 1 | 0 | LinF | 0.7231 | 0.4583 | 0.7180 | 0.7958 | 0.7963 | 0.7117 | 0.6741 | 0.4728 | ----- | 0.669 | 5.99 | 0.998 | 1.00 | 20 | *(30) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.1.2.2-Tetrachloroetha | 1 | 0 | Avg | 0.8845 | 0.8852 | 0.8686 | 0.8280 | 0.8777 | 0.8746 | 0.8713 | 0.8587 | ----- | 0.869 | 6.58 | 1.00 | 1.00 | 2.1 | **(0.300) | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromofluorobenzene | 1 | 0 | Avg | 1.1045 | 1.1232 | 1.0407 | 1.0307 | 1.0694 | 1.1289 | 1.1511 | 0.9993 | 1.0852 | 1.08 | 6.52 | -1 | -1 | 4.7 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 |
| Styrene | 1 | 0 | LinF | 1.9354 | 1.4663 | 1.8450 | 1.8729 | 1.9630 | 1.7374 | 1.5075 | 1.0561 | ----- | 1.67 | 6.25 | 0.993 | 1.00 | 19 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| m&p-Xylenes | 1 | 0 | LinF | 1.0674 | 0.7901 | 0.9996 | 1.0196 | 1.0384 | 0.8995 | 0.7702 | 0.5487 | 0.4269 | 0.840 | 6.04 | 0.991 | 1.00 | 27 | | 40.00 | 10.00 | 20.00 | 100.0 | 200.0 | 500.0 | 1000. | 2.00 | 1.00 |
| o-Xylene | 1 | 0 | LinF | 1.0886 | 0.8608 | 1.0842 | 1.0858 | 1.0664 | 0.9303 | 0.7845 | 0.6527 | ----- | 0.944 | 6.25 | 0.990 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| trans-1.4-Dichloro-2-bu | 1 | 0 | LinF | 0.2639 | 0.1260 | 0.1898 | 0.2069 | 0.2265 | 0.2289 | 0.2118 | 0.1996 | ----- | 0.207 | 6.61 | 0.998 | 1.00 | 19 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3-Dichlorobenzene | 1 | 0 | Avg | 1.4466 | 1.3545 | 1.4761 | 1.3023 | 1.3238 | 1.1719 | 1.0260 | 1.2622 | ----- | 1.30 | 7.11 | 0.994 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.4-Dichlorobenzene | 1 | 0 | Avg | 1.5715 | 1.5885 | 1.6608 | 1.4704 | 1.4876 | 1.3917 | 1.3097 | 1.9435 | ----- | 1.55 | 7.16 | 0.999 | 1.00 | 12 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dichlorobenzene | 1 | 0 | Avg | 1.4733 | 1.3617 | 1.5596 | 1.4022 | 1.4208 | 1.3294 | 1.2493 | 1.3170 | ----- | 1.39 | 7.37 | 0.999 | 1.00 | 7.0 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Isopropylbenzene | 1 | 0 | LinF | 2.4102 | 1.6050 | 2.2830 | 2.4589 | 2.5752 | 2.4388 | 2.2811 | 1.6948 | ----- | 2.22 | 6.43 | 0.999 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Cyclohexanone | 1 | 0 | LinF | 0.0233 | 0.0159 | 0.0208 | 0.0229 | 0.0249 | 0.0288 | 0.0304 | 0.0242 | ----- | 0.0239 | 6.49 | 0.999 | 1.00 | 19 | | 100.0 | 25.00 | 50.00 | 250.0 | 500.0 | 1250. | 2500. | 5.00 | |
| 1.2.3-Trichloropropane | 1 | 0 | Avg | 1.0692 | 1.0608 | 1.0280 | 1.0210 | 1.0339 | 0.9943 | 0.8968 | 1.2318 | ----- | 1.04 | 6.61 | 0.997 | 1.00 | 9.0 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 2-Chlorotoluene | 1 | 0 | Avg | 2.4375 | 1.8814 | 2.1995 | 2.1356 | 2.1106 | 1.7818 | ----- | 1.6446 | ----- | 2.03 | 6.71 | 0.994 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| p-Ethyltoluene | 1 | 0 | LinF | 2.2828 | 1.7412 | 2.2136 | 2.1678 | 2.2775 | 2.0156 | 1.8696 | 1.0251 | ----- | 1.95 | 6.71 | 0.997 | 1.00 | 22 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 4-Chlorotoluene | 1 | 0 | Avg | 2.0142 | 1.2923 | 1.8562 | 2.0403 | 2.1571 | 2.0008 | 1.7435 | 1.6446 | ----- | 1.84 | 6.76 | 0.994 | 1.00 | 15 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| n-Propylbenzene | 1 | 0 | Avg | 2.6804 | 1.8217 | 2.5070 | 2.5931 | 2.8046 | 2.6887 | 2.5285 | 2.2278 | ----- | 2.48 | 6.65 | 0.999 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Bromobenzene | 1 | 0 | Avg | 1.7443 | 1.6705 | 1.6749 | 1.6764 | 1.5935 | 1.4784 | 1.3187 | 1.1769 | ----- | 1.54 | 6.61 | 0.996 | 1.00 | 13 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | Avg | 2.2396 | 1.6649 | 2.2577 | 2.0789 | 2.1155 | 1.9237 | 1.6921 | 2.0299 | ----- | 2.00 | 6.73 | 0.995 | 1.00 | 11 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| t-Butylbenzene | 1 | 0 | LinF | 1.7197 | 1.1013 | 1.6138 | 1.6832 | 1.7874 | 1.6762 | 1.5858 | 0.7951 | ----- | 1.50 | 6.92 | 0.999 | 1.00 | 24 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | LinF | 2.1591 | 1.4894 | 1.9996 | 2.1532 | 2.2251 | 2.0598 | 1.8965 | 1.3451 | ----- | 1.92 | 6.95 | 0.998 | 1.00 | 17 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| sec-Butylbenzene | 1 | 0 | LinF | 1.8617 | 1.2277 | 1.8981 | 1.9245 | 2.0467 | 1.9435 | 1.8769 | 1.4017 | ----- | 1.77 | 7.04 | 0.999 | 1.00 | 16 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 4-Isopropyltoluene | 1 | 0 | LinF | 1.6081 | 0.9724 | 1.5171 | 1.6060 | 1.7120 | 1.5070 | 1.3184 | 1.1069 | ----- | 1.42 | 7.11 | 0.994 | 1.00 | 18 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| n-Butylbenzene | 1 | 0 | LinF | 1.6946 | 1.0541 | 1.6721 | 1.7067 | 1.8655 | 1.7329 | 1.6616 | 1.0561 | ----- | 1.56 | 7.34 | 0.999 | 1.00 | 20 | | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

***Flags***

*a - failed the spcc criteria* * - ccc compound*

*b - failed the ccc criteria* ** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

***Note:*** Avg Rsd: 15

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

# Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_6

| Level #: | Data File: | Cal Identifier: | Analysis Date/Time | Level #: | Data File: | Cal Identifier: | Analysis Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | 6M44166. | CAL @ 20 PPB | 07/30/09 08:51 | 2 | 6M44165. | CAL @ 5 PPB | 07/30/09 08:35 |
| 3 | 6M44171. | CAL @ 10 PPB | 07/30/09 10:10 | 4 | 6M44170. | CAL @ 50 PPB | 07/30/09 09:54 |
| 5 | 6M44169. | CAL @ 100 PPB | 07/30/09 09:38 | 6 | 6M44168. | CAL @ 250 PPB | 07/30/09 09:23 |
| 7 | 6M44167. | CAL @ 500 PPB | 07/30/09 09:07 | 8 | 6M44174. | CAL @ 1 PPB | 07/30/09 11:07 |
| 9 | 6M44164. | CAL @ 0.5 PPB | 07/30/09 08:19 | | | | |

| Compound | Col | Mr | Fit: | RF1 | RF2 | RF3 | RF4 | RF5 | RF6 | RF7 | RF8 | RF9 | AvgRf | RT | Corr1 | Corr2 | %Rsd | Calibration Level Concentrations Lvl1 | Lvl2 | Lvl3 | Lvl4 | Lvl5 | Lvl6 | Lvl7 | Lvl8 | Lvl9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| p-Diethylbenzene | 1 | 0 | LinF | 0.8132 | 0.5093 | 0.8594 | 0.9135 | 0.9837 | 0.9502 | 0.9009 | 0.6550 | ----- | 0.823 | 7.32 | 0.999 | 1.00 | 20 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.4.5-Tetramethylber | 1 | 0 | LinF | 1.3909 | 0.8819 | 1.3214 | 1.5366 | 1.7065 | 1.6918 | 1.5946 | 0.7974 | ----- | 1.37 | 7.76 | 0.999 | 1.00 | 26 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2-Dibromo-3-Chloropr | 1 | 0 | Avg | 0.2496 | 0.1823 | 0.1969 | 0.2219 | 0.2311 | 0.2499 | 0.2646 | 0.1839 | ----- | 0.223 | 7.79 | 0.999 | 1.00 | 14 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Hexachlorobutadiene | 1 | 0 | LinF | 0.6557 | 0.4964 | 1.2297 | 0.7590 | 0.7580 | 0.6224 | ----- | 1.2184 | ----- | 0.820 | 8.37 | 0.991 | 0.998 | 35 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | | 1.00 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | Avg | 0.7241 | 0.6147 | 0.7763 | 0.7762 | 0.8136 | 0.8014 | 0.7745 | 0.7951 | ----- | 0.760 | 8.28 | 1.00 | 1.00 | 8.5 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | LinF | 0.8418 | 0.6424 | 0.8862 | 0.8541 | 0.8498 | 0.8133 | 0.7745 | 1.1121 | ----- | 0.847 | 8.56 | 0.999 | 1.00 | 15 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |
| Naphthalene | 1 | 0 | LinF | 1.7341 | 1.3314 | 1.8201 | 2.0654 | 2.1792 | 2.1705 | 2.1249 | 1.2581 | ----- | 1.84 | 8.43 | 1.00 | 1.00 | 20 | 20.00 | 5.00 | 10.00 | 50.00 | 100.0 | 250.0 | 500.0 | 1.00 | |

***Flags***

*a - failed the spcc criteria* * - ccc compound*

*b - failed the ccc criteria* ** - spcc compound*

*c - failed the minimum correlation coeff criteria(if applicable)*

***Note:*** Avg Rsd: 15

*Corr 1 = Correlation Coefficient for linear Eq.*

*Corr 2 = Correlation Coefficient for quad Eq.*

*Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.*

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44166.D  Sam Mult : 1  Vial# : 9  Qt On : 07/30/09 10:50
Acq On : 07/30/09 08:51  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 152409 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 97377 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 57884 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 50765 | 34.19 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 113.97% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 26161 | 33.49 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 111.63% | | |
| 56) Toluene-d8 | 5.194 | 98 | 139310 | 30.47 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.57% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 63937 | 31.45 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.83% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.274 | 51 | 56560 | 23.88 | ug/l | 97 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 35134 | 28.05 | ug/l | 80 |
| 4) Chloromethane | 1.390 | 50 | 30683 | 22.82 | ug/l | 70 |
| 5) Bromomethane | 1.695 | 94 | 25147 | 27.06 | ug/l | 86 |
| 6) Vinyl Chloride | 1.465 | 62 | 33607 | 28.27 | ug/l | 93 |
| 7) Chloroethane | 1.759 | 64 | 15561 | 23.72 | ug/l | 80 |
| 8) Trichlorofluoromethane | 1.949 | 101 | 39606 | 23.01 | ug/l | 81 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 22022 | 26.95 | ug/l | 95 |
| 10) Methylene Chloride | 2.642 | 84 | 21628 | 23.16 | ug/l | 65 |
| 11) Acrolein | 2.227 | 56 | 18340 | 101.16 | ug/l | 80 |
| 12) Acrylonitrile | 2.823 | 53 | 5539 | 14.27 | ug/l | 94 |
| 13) Iodomethane | 2.413 | 142 | 48495 | 24.80 | ug/l | 98 |
| 14) Acetone | 2.329 | 43 | 43174 | 106.32 | ug/l | 91 |
| 15) Carbon Disulfide | 2.473 | 76 | 64446 | 23.89 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 9556 | 86.53 | ug/l | 58 |
| 17) n-Hexane | 3.057 | 57 | 12368 | 19.83 | ug/l | 81 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 101950 | 20.91 | ug/l | 97 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 35379 | 24.09 | ug/l | 95 |
| 20) Methyl Acetate | 2.570 | 43 | 24168 | 21.90 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.847 | 73 | 70668 | 19.88 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.160 | 63 | 43917 | 22.85 | ug/l | 97 |
| 23) trans-1,2-Dichloroethene | 2.847 | 96 | 19418 | 22.98 | ug/l | 97 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 39478 | 22.35 | ug/l | 88 |
| 25) Bromochloromethane | 3.792 | 49 | 21288 | 20.02 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 34017 | 20.77 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.754 | 88 | 16602 | 986.22 | ug/l | 78 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 32183 | 21.62 | ug/l | 95 |
| 29) Chloroform | 3.840 | 83 | 54938 | 23.95 | ug/l | 81 |
| 31) Cyclohexane | 4.026 | 56 | 34078 | 22.41 | ug/l | 94 |
| 33) 1,2-Dichloroethane | 4.219 | 62 | 46364 | 26.34 | ug/l | 96 |
| 34) 2-Butanone | 3.617 | 43 | 14831 | 22.02 | ug/l | 95 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 45330 | 23.08 | ug/l | 80 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 40916 | 25.12 | ug/l | 93 |
| 37) Vinyl Acetate | 3.208 | 43 | 97593 | 19.90 | ug/l | 100 |
| 38) Bromodichloromethane | 4.827 | 83 | 45681 | 23.54 | ug/l | 90 |
| 39) Methylcyclohexane | 4.682 | 83 | 21191 | 21.78 | ug/l | 88 |
| 40) Dibromomethane | 4.754 | 174 | 32506 | 27.85 | ug/l | 89 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 27051 | 21.00 | ug/l | 99 |
| 42) Trichloroethene | 4.580 | 130 | 26706 | 21.41 | ug/l | 99 |
| 43) Benzene | 4.213 | 78 | 91920 | 21.33 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 69585 | 24.84 | ug/l | 92 |
| 46) Dibromochloromethane | 5.627 | 129 | 34930 | 22.95 | ug/l | 100 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 11748 | 16.42 | ug/l | 81 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 37369 | 20.26 | ug/l | 93 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 31855 | 19.05 | ug/l | 87 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 25349 | 22.92 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 27070 | 21.85 | ug/l | 94 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 40238 | 22.62 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.122 | 43 | 26608 | 16.91 | ug/l | 100 |
| 54) 2-Hexanone | 5.537 | 43 | 15118 | 16.54 | ug/l | 92 |
| 55) Tetrachloroethene | 5.513 | 164 | 26481 | 27.41 | ug/l | 94 |
| 57) Toluene | 5.224 | 92 | 58943 | 21.48 | ug/l | 96 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 29787 | 25.22 | ug/l | 78 |
| 59) Chlorobenzene | 5.940 | 112 | 68648 | 22.42 | ug/l | 95 |
| 61) Bromoform | 6.361 | 173 | 29361 | 20.75 | ug/l | 99 |
| 62) Ethylbenzene | 5.988 | 106 | 27904 | 19.51 | ug/l | 94 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 34134 | 19.13 | ug/l | 94 |
| 65) Styrene | 6.253 | 104 | 74687 | 20.28 | ug/l | 95 |
| 66) m&p-Xylenes | 6.042 | 106 | 82385 | 44.95 | ug/l | 89 |

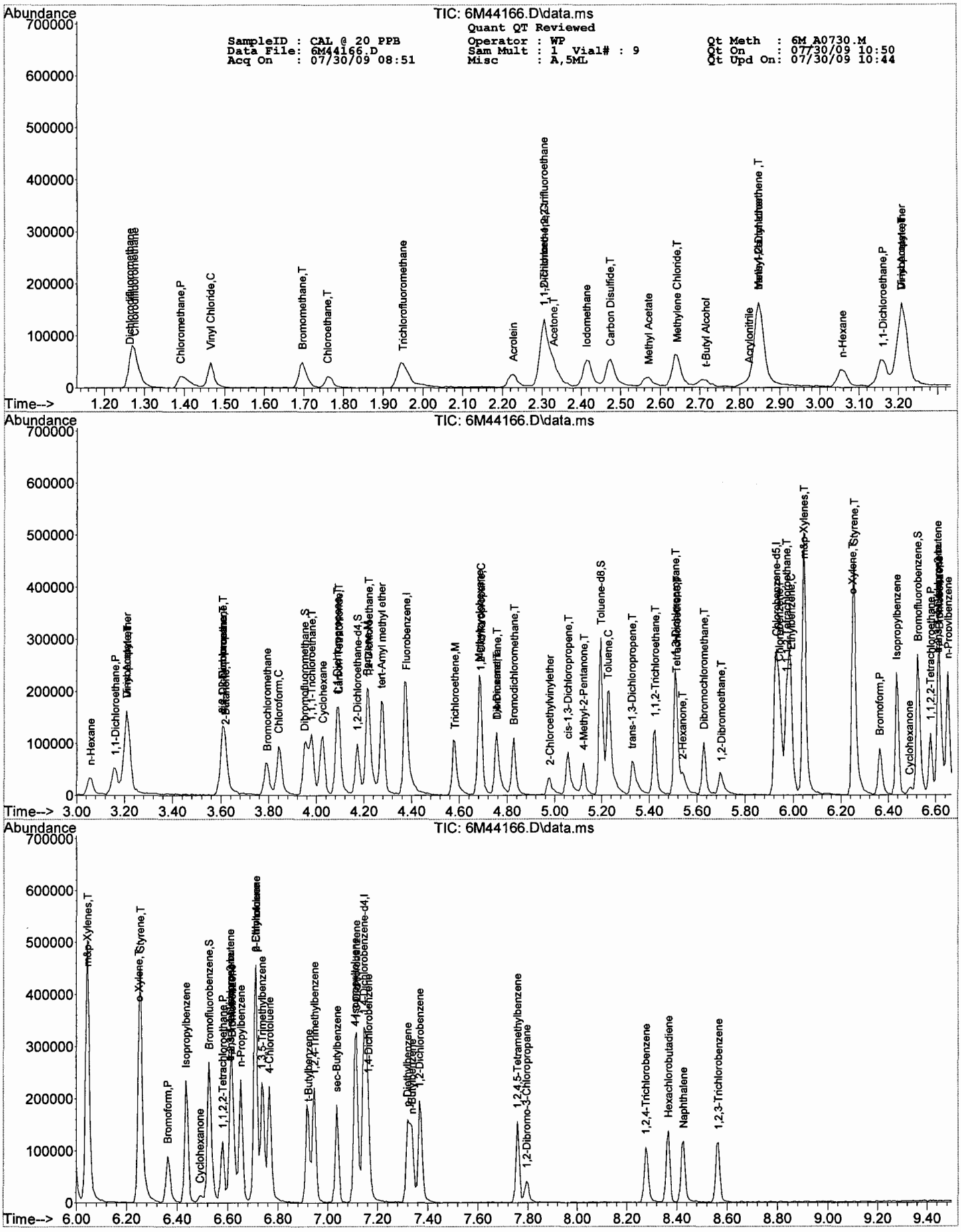
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44166.D Sam Mult : 1 Vial# : 9 Qt On : 07/30/09 10:50
Acq On : 07/30/09 08:51 Misc : A,5ML Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 42011 | 21.38 | ug/l | 74 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 10184 | 22.41 | ug/l | 41 |
| 69) 1,3-Dichlorobenzene | 7.114 | 146 | 55825 | 22.16 | ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.162 | 146 | 60645 | 21.45 | ug/l | 86 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 56856 | 21.72 | ug/l | 87 |
| 72) Isopropylbenzene | 6.434 | 105 | 93009 | 20.32 | ug/l | 95 |
| 73) Cyclohexanone | 6.488 | 55 | 4501 | 63.93 | ug/l | 96 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 41262 | 19.37 | ug/l | 93 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 94064 | 24.92 | ug/l | 94 |
| 76) p-Ethyltoluene | 6.710 | 105 | 88093 | 20.60 | ug/l | 84 |
| 77) 4-Chlorotoluene | 6.765 | 91 | 77728 | 21.05 | ug/l | 91 |
| 78) n-Propylbenzene | 6.650 | 91 | 103435 | 20.61 | ug/l | 96 |
| 79) Bromobenzene | 6.614 | 77 | 67312 | 21.09 | ug/l | 85 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 86426 | 21.75 | ug/l | 93 |
| 81) t-Butylbenzene | 6.921 | 119 | 66365 | 21.19 | ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 83319 | 21.24 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 71842 | 19.86 | ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.108 | 119 | 62056 | 20.43 | ug/l | 93 |
| 85) n-Butylbenzene | 7.336 | 91 | 65396 | 19.41 | ug/l | 78 |
| 86) p-Diethylbenzene | 7.318 | 119 | 31383 | 18.33 | ug/l | 88 |
| 87) 1,2,4,5-Tetramethylben... | 7.758 | 119 | 53675 | 16.82 | ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.794 | 157 | 9632 | 21.34 | ug/l | 58 |
| 89) Hexachlorobutadiene | 8.366 | 225 | 25305 | 25.79 | ug/l | 97 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 27944 | 18.88 | ug/l | 93 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 32487 | 21.31 | ug/l | 94 |
| 92) Naphthalene | 8.426 | 128 | 66919 | 15.32 | ug/l | 100 |

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


Abundance
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Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M44166.D
Acq On : 07/30/09 08:51
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:50
Qt Upd On: 07/30/09 10:44
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44165.D  Sam Mult : 1  Vial# : 8  Qt On : 07/30/09 10:54
Acq On : 07/30/09 08:35  Misc : A,5ML  Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 148036 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 102756 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 53014 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49403 | 34.26 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 114.20% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26778 | 35.30 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 117.67% | | |
| 56) Toluene-d8 | 5.193 | 98 | 133144 | 27.60 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.00% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 59547 | 31.99 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.63% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.276 | 51 | 11686 | 5.08 | ug/l | 85 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 5651 | 4.64 | ug/l | 82 |
| 4) Chloromethane | 1.391 | 50 | 8067 | 6.18 | ug/l | 56 |
| 5) Bromomethane | 1.696 | 94 | 5861 | 6.49 | ug/l | 72 |
| 6) Vinyl Chloride | 1.460 | 62 | 6598 | 5.71 | ug/l | 92 |
| 7) Chloroethane | 1.760 | 64 | 4440 | 6.97 | ug/l | 90 |
| 8) Trichlorofluoromethane | 1.939 | 101 | 7335 | 4.39 | ug/l | 79 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 3091 | 3.89 | ug/l | 93 |
| 10) Methylene Chloride | 2.647 | 84 | 4682m | 5.16 | ug/l | |
| 11) Acrolein | 2.232 | 56 | 3821 | 21.70 | ug/l | 73 |
| 12) Acrylonitrile | 2.816 | 53 | 1856 | 4.92 | ug/l | 92 |
| 13) Iodomethane | 2.413 | 142 | 10386 | 5.47 | ug/l | 88 |
| 14) Acetone | 2.328 | 43 | 11392 | 28.88 | ug/l | 81 |
| 15) Carbon Disulfide | 2.473 | 76 | 11494 | 4.39 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.713 | 59 | 2577 | 24.02 | ug/l | 86 |
| 17) n-Hexane | 3.057 | 57 | 1230 | 2.03 | ug/l | 83 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 23134 | 4.88 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 6528 | 4.58 | ug/l | 93 |
| 20) Methyl Acetate | 2.575 | 43 | 5277 | 4.92 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 15993 | 4.63 | ug/l | 95 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 9580 | 5.13 | ug/l | 86 |
| 23) trans-1,2-Dichloroethene | 2.852 | 96 | 3686 | 4.49 | ug/l | 90 |
| 24) cis-1,2-Dichloroethene | 3.610 | 61 | 9370 | 5.46 | ug/l | 86 |
| 25) Bromochloromethane | 3.785 | 49 | 5335 | 5.17 | ug/l | 79 |
| 26) 2,2-Dichloropropane | 3.610 | 77 | 5656 | 3.55 | ug/l | 64 |
| 27) 1,4-Dioxane | 4.760 | 88 | 2831 | 173.14 | ug/l | 86 |
| 28) 1,1-Dichloropropene | 4.092 | 75 | 5642 | 3.90 | ug/l | 81 |
| 29) Chloroform | 3.839 | 83 | 12722 | 5.71 | ug/l | 74 |
| 31) Cyclohexane | 4.026 | 56 | 4346 | 2.94 | ug/l | 87 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 9377 | 5.48 | ug/l | 94 |
| 34) 2-Butanone | 3.628 | 43 | 3370 | 5.15 | ug/l | 56 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 8648 | 4.53 | ug/l | 92 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 6974 | 4.41 | ug/l | 98 |
| 37) Vinyl Acetate | 3.213 | 43 | 19571 | 4.11 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 9270 | 4.92 | ug/l | 90 |
| 39) Methylcyclohexane | 4.688 | 83 | 2066 | 2.19 | ug/l | 90 |
| 40) Dibromomethane | 4.754 | 174 | 6734 | 5.94 | ug/l | 91 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 5711 | 4.56 | ug/l | 84 |
| 42) Trichloroethene | 4.579 | 130 | 5447 | 4.50 | ug/l | 91 |
| 43) Benzene | 4.218 | 78 | 20435 | 4.88 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.278 | 73 | 14076 | 5.17 | ug/l | 90 |
| 46) Dibromochloromethane | 5.632 | 129 | 6955 | 4.33 | ug/l | 98 |
| 47) 2-Chloroethylvinylether | 4.976 | 63 | 1879 | 2.49 | ug/l | 94 |
| 48) cis-1,3-Dichloropropene | 5.061 | 75 | 6006 | 3.09 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 5898 | 3.34 | ug/l | 90 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 5760 | 4.93 | ug/l | 79 |
| 51) 1,2-Dibromoethane | 5.705 | 107 | 5823 | 4.45 | ug/l | 62 |
| 52) 1,3-Dichloropropane | 5.512 | 76 | 8529 | 4.54 | ug/l | 95 |
| 53) 4-Methyl-2-Pentanone | 5.127 | 43 | 4628 | 2.79 | ug/l | 96 |
| 54) 2-Hexanone | 5.548 | 43 | 2054 | 2.13 | ug/l | 76 |
| 55) Tetrachloroethene | 5.512 | 164 | 4426 | 4.34 | ug/l | 89 |
| 57) Toluene | 5.229 | 92 | 11804 | 4.08 | ug/l | 90 |
| 58) 1,1,1,2-Tetrachloroethane | 5.975 | 133 | 5721 | 4.59 | ug/l | 68 |
| 59) Chlorobenzene | 5.939 | 112 | 16128 | 4.99 | ug/l | 98 |
| 61) Bromoform | 6.367 | 173 | 6746 | 5.21 | ug/l | 85 |
| 62) Ethylbenzene | 5.987 | 106 | 4050 | 3.09 | ug/l | 89 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 7822 | 4.79 | ug/l | 97 |
| 65) Styrene | 6.264 | 104 | 12956 | 3.84 | ug/l | 95 |
| 66) m&p-Xylenes | 6.048 | 106 | 13963 | 8.32 | ug/l | 81 |

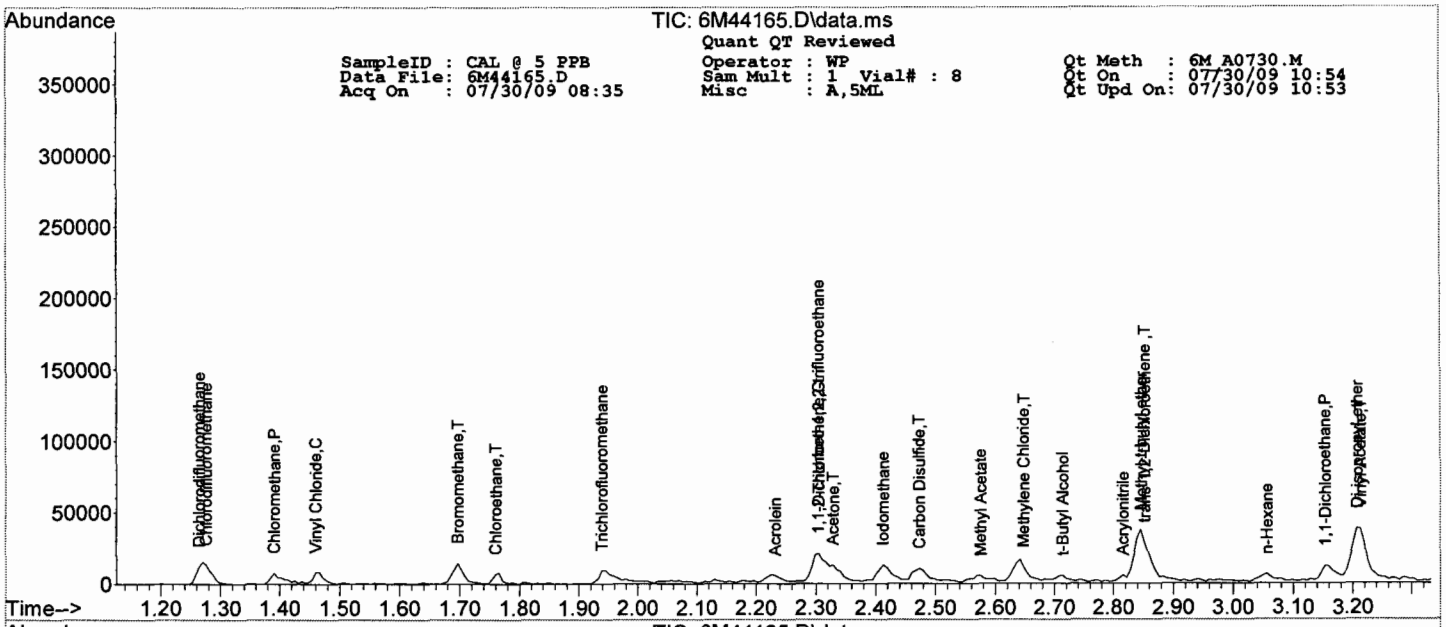
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 6M44165.D
Acq On : 07/30/09 08:35
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:54
Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.252 | 106 | 7606 | 4.23 ug/l | 87 |
| 68) trans-1,4-Dichloro-2-b... | 6.625 | 53 | 1114m | 2.68 ug/l | |
| 69) 1,3-Dichlorobenzene | 7.119 | 146 | 11968 | 5.19 ug/l | 81 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 14036 | 5.42 ug/l | 94 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 12032 | 5.02 ug/l | 88 |
| 72) Isopropylbenzene | 6.439 | 105 | 14182 | 3.38 ug/l | 93 |
| 73) Cyclohexanone | 6.499 | 55 | 703m | 10.90 ug/l | |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 9373 | 4.81 ug/l | 88 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 16624 | 4.81 ug/l | 96 |
| 76) p-Ethyltoluene | 6.710 | 105 | 15385 | 3.93 ug/l | 80 |
| 77) 4-Chlorotoluene | 6.770 | 91 | 11419 | 3.38 ug/l | 93 |
| 78) n-Propylbenzene | 6.650 | 91 | 16096 | 3.50 ug/l | 95 |
| 79) Bromobenzene | 6.619 | 77 | 14760 | 5.05 ug/l | 84 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 14711 | 4.04 ug/l | 79 |
| 81) t-Butylbenzene | 6.920 | 119 | 9731 | 3.39 ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 13160 | 3.66 ug/l | 87 |
| 83) sec-Butylbenzene | 7.041 | 105 | 10848 | 3.27 ug/l | 88 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 8592 | 3.09 ug/l | 90 |
| 85) n-Butylbenzene | 7.336 | 91 | 9314 | 3.02 ug/l | 78 |
| 86) p-Diethylbenzene | 7.324 | 119 | 4500 | 2.87 ug/l | 96 |
| 87) 1,2,4,5-Tetramethylben... | 7.763 | 119 | 7793 | 2.67 ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 1611 | 3.90 ug/l | 73 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 4386 | 4.88 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 5432 | 4.01 ug/l | 85 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 5676 | 4.06 ug/l | 87 |
| 92) Naphthalene | 8.425 | 128 | 11764 | 2.94 ug/l | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Data File: 6M44165.D
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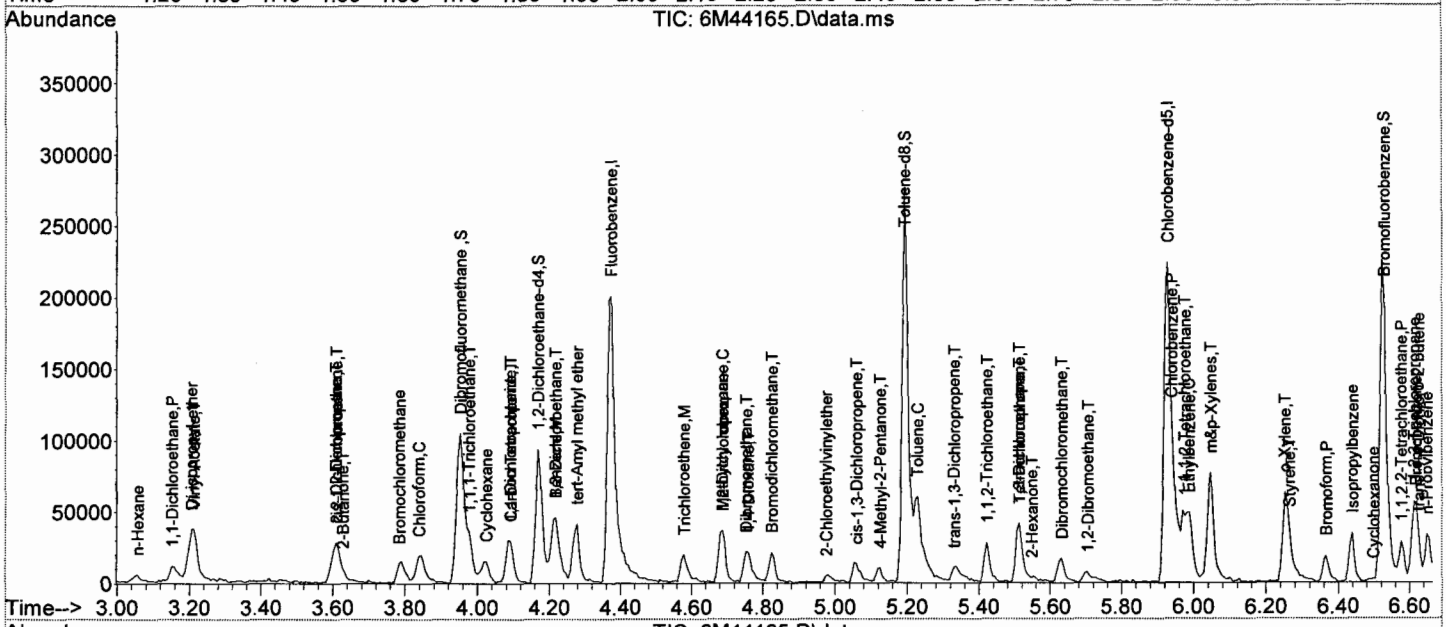
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M A0730.M
Qt On : 07/30/09 10:54
Qt Upd On: 07/30/09 10:53
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->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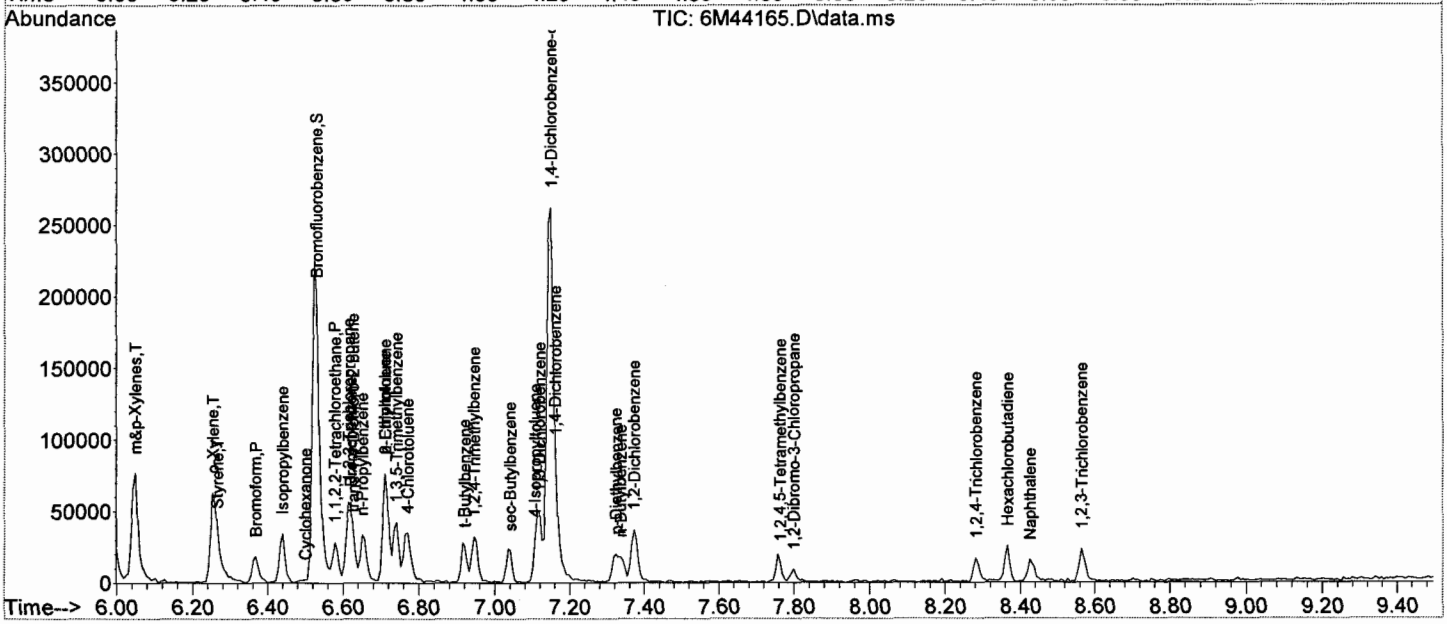
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
Time-->


Abundance
TIC: 6M44165.D\data.ms
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,4-Dichlorobenzene-
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44171.D  Sam Mult : 1 Vial# : 14  Qt On : 07/30/09 10:53
Acq On : 07/30/09 10:10  Misc : A,5ML  Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 159269 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 106196 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 61506 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 51461 | 33.17 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 110.57% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26884 | 32.94 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 109.80% | | |
| 56) Toluene-d8 | 5.193 | 98 | 144458 | 28.97 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.57% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 64010 | 29.64 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.80% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.276 | 51 | 26120 | 10.55 | ug/l | 94 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 16885 | 12.90 | ug/l | 84 |
| 4) Chloromethane | 1.391 | 50 | 16788 | 11.95 | ug/l | 83 |
| 5) Bromomethane | 1.691 | 94 | 13745 | 14.16 | ug/l | 70 |
| 6) Vinyl Chloride | 1.466 | 62 | 16066 | 12.93 | ug/l | 90 |
| 7) Chloroethane | 1.760 | 64 | 8848 | 12.91 | ug/l | 100 |
| 8) Trichlorofluoromethane | 1.944 | 101 | 20541 | 11.42 | ug/l | 87 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 10525 | 12.33 | ug/l | 90 |
| 10) Methylene Chloride | 2.642 | 84 | 9460 | 9.70 | ug/l | 73 |
| 11) Acrolein | 2.226 | 56 | 8215 | 43.36 | ug/l | 77 |
| 12) Acrylonitrile | 2.816 | 53 | 4299 | 10.60 | ug/l | 88 |
| 13) Iodomethane | 2.413 | 142 | 26235 | 12.84 | ug/l | 93 |
| 14) Acetone | 2.329 | 43 | 24156 | 56.93 | ug/l | 71 |
| 15) Carbon Disulfide | 2.473 | 76 | 31379 | 11.13 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 5907 | 51.18 | ug/l | 82 |
| 17) n-Hexane | 3.057 | 57 | 5836 | 8.96 | ug/l | 86 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 52114 | 10.23 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 17933 | 11.69 | ug/l | 89 |
| 20) Methyl Acetate | 2.569 | 43 | 11770 | 10.21 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 37472 | 10.09 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.159 | 63 | 21673 | 10.79 | ug/l | 97 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 9664 | 10.95 | ug/l | 75 |
| 24) cis-1,2-Dichloroethene | 3.611 | 61 | 21350 | 11.56 | ug/l | 95 |
| 25) Bromochloromethane | 3.785 | 49 | 12273 | 11.05 | ug/l | 83 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 14956 | 8.74 | ug/l | 89 |
| 27) 1,4-Dioxane | 4.760 | 88 | 9453 | 537.36 | ug/l | 93 |
| 28) 1,1-Dichloropropene | 4.092 | 75 | 14873 | 9.56 | ug/l | 89 |
| 29) Chloroform | 3.839 | 83 | 27786 | 11.59 | ug/l | 83 |
| 31) Cyclohexane | 4.020 | 56 | 18645 | 11.73 | ug/l | 96 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 21245 | 11.55 | ug/l | 94 |
| 34) 2-Butanone | 3.623 | 43 | 7571 | 10.76 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 24020 | 11.70 | ug/l | 98 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 20037 | 11.77 | ug/l | 100 |
| 37) Vinyl Acetate | 3.213 | 43 | 41810 | 8.16 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 20788 | 10.25 | ug/l | 92 |
| 39) Methylcyclohexane | 4.682 | 83 | 10638 | 10.46 | ug/l | 96 |
| 40) Dibromomethane | 4.754 | 174 | 15497 | 12.70 | ug/l | 91 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 13214 | 9.82 | ug/l | 89 |
| 42) Trichloroethene | 4.580 | 130 | 15176 | 11.64 | ug/l | 85 |
| 43) Benzene | 4.218 | 78 | 49883 | 11.08 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 35494 | 12.12 | ug/l | 95 |
| 46) Dibromochloromethane | 5.627 | 129 | 17080 | 10.29 | ug/l | 96 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 6034 | 7.74 | ug/l | 81 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 16431 | 8.17 | ug/l | 100 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 15107 | 8.28 | ug/l | 89 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 13424 | 11.13 | ug/l | 85 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 13525 | 10.01 | ug/l | 99 |
| 52) 1,3-Dichloropropane | 5.512 | 76 | 19611 | 10.11 | ug/l | 84 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 13945 | 8.13 | ug/l | 93 |
| 54) 2-Hexanone | 5.543 | 43 | 7635 | 7.66 | ug/l | 87 |
| 55) Tetrachloroethene | 5.512 | 164 | 11859 | 11.26 | ug/l | 73 |
| 57) Toluene | 5.230 | 92 | 30816 | 10.30 | ug/l | 95 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 14266 | 11.07 | ug/l | 76 |
| 59) Chlorobenzene | 5.940 | 112 | 35060 | 10.50 | ug/l | 88 |
| 61) Bromoform | 6.361 | 173 | 13943 | 9.27 | ug/l | 100 |
| 62) Ethylbenzene | 5.988 | 106 | 14721 | 9.69 | ug/l | 86 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 17808 | 9.39 | ug/l | 90 |
| 65) Styrene | 6.259 | 104 | 37827 | 9.67 | ug/l | 93 |
| 66) m&p-Xylenes | 6.042 | 106 | 40989 | 21.05 | ug/l | 100 |

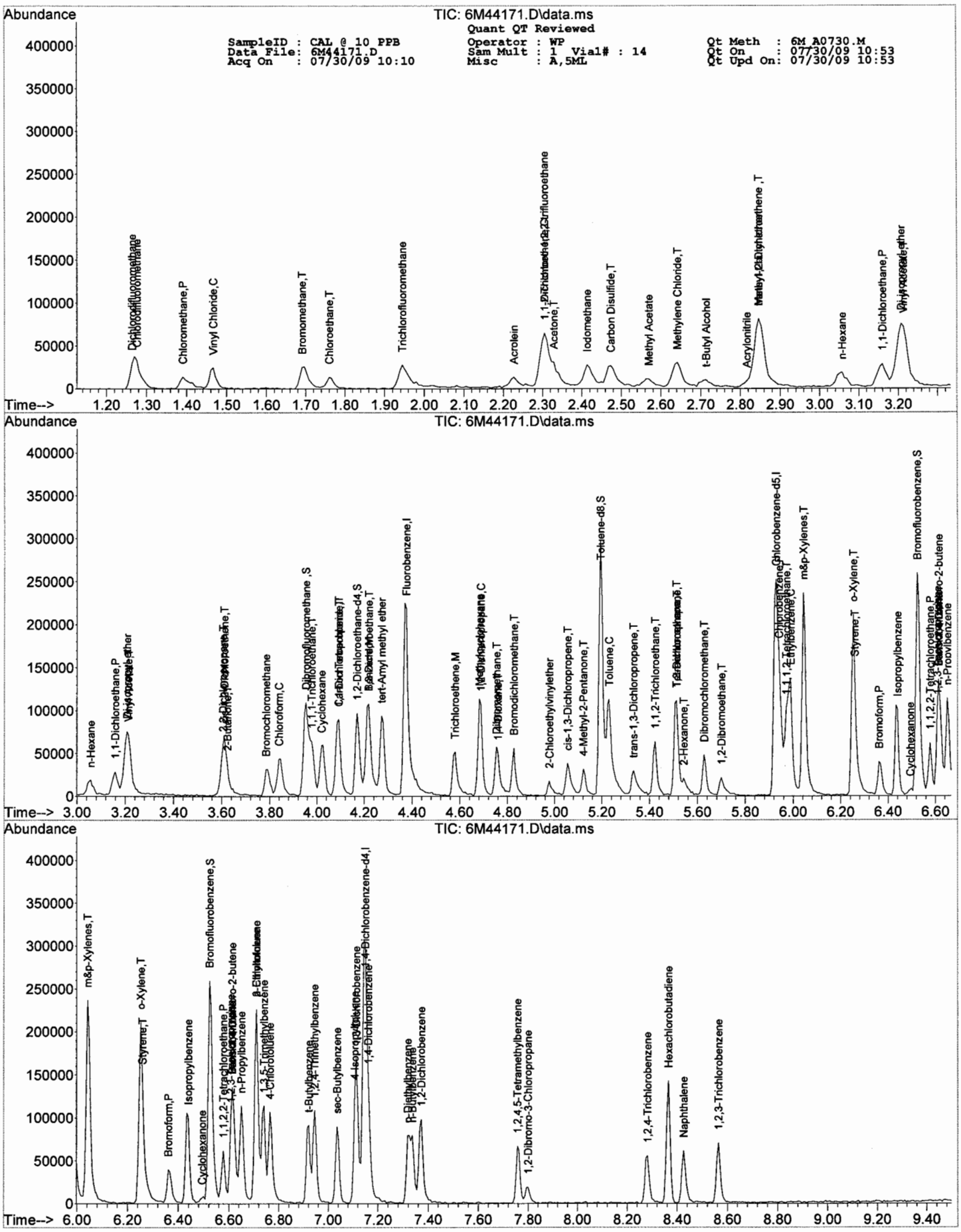
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44171.D Sam Mult : 1 Vial# : 14 Qt On : 07/30/09 10:53
Acq On : 07/30/09 10:10 Misc : A,5ML Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.253 | 106 | 22229 | 10.65 ug/l | 74 |
| 68) trans-1,4-Dichloro-2-b... | 6.614 | 53 | 3893 | 8.06 ug/l | 82 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 30263 | 11.31 ug/l | 82 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 34051 | 11.34 ug/l | 88 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 31976 | 11.50 ug/l | 84 |
| 72) Isopropylbenzene | 6.439 | 105 | 46808 | 9.63 ug/l | 96 |
| 73) Cyclohexanone | 6.493 | 55 | 2134 | 28.53 ug/l | 94 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 21077 | 9.31 ug/l | 92 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 45096 | 11.25 ug/l | 94 |
| 76) p-Ethyltoluene | 6.710 | 105 | 45385 | 9.99 ug/l | 79 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 38057 | 9.70 ug/l | 94 |
| 78) n-Propylbenzene | 6.650 | 91 | 51399 | 9.64 ug/l | 97 |
| 79) Bromobenzene | 6.614 | 77 | 34340 | 10.13 ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 46289 | 10.96 ug/l | 98 |
| 81) t-Butylbenzene | 6.921 | 119 | 33087 | 9.94 ug/l | 88 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 40996 | 9.83 ug/l | 87 |
| 83) sec-Butylbenzene | 7.035 | 105 | 38915 | 10.12 ug/l | 93 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 31104 | 9.64 ug/l | 96 |
| 85) n-Butylbenzene | 7.336 | 91 | 34283 | 9.58 ug/l | 80 |
| 86) p-Diethylbenzene | 7.318 | 119 | 17621 | 9.68 ug/l | 98 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 27092 | 7.99 ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 4038 | 8.42 ug/l | 59 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 25213 | 24.18 ug/l | 95 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 15917 | 10.12 ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 18169 | 11.21 ug/l | 93 |
| 92) Naphthalene | 8.425 | 128 | 37317 | 8.04 ug/l | 100 |

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


Abundance
TIC: 6M44171.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 6M44171.D
Acq On : 07/30/09 10:10
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:53
Qt Upd On: 07/30/09 10:53
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44170.D  Sam Mult : 1  Vial# : 13  Qt On : 07/30/09 10:48
Acq On : 07/30/09 09:54  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 169409 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.926 | 117 | 112155 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.148 | 152 | 66912 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.952 | 111 | 52386 | 31.74 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.80% | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 27187 | 31.32 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.40% | | |
| 56) Toluene-d8 | 5.192 | 98 | 159311 | 30.25 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.83% | | |
| 64) Bromofluorobenzene | 6.522 | 174 | 68969 | 29.35 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.83% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.274 | 51 | 152857 | 58.06 | ug/l | 98 |
| 3) Dichlorodifluoromethane | 1.262 | 85 | 89468 | 64.25 | ug/l | 93 |
| 4) Chloromethane | 1.395 | 50 | 78503 | 52.53 | ug/l | 86 |
| 5) Bromomethane | 1.695 | 94 | 60862 | 58.93 | ug/l | 70 |
| 6) Vinyl Chloride | 1.464 | 62 | 88453 | 66.93 | ug/l | 98 |
| 7) Chloroethane | 1.764 | 64 | 41679 | 57.16 | ug/l | 95 |
| 8) Trichlorofluoromethane | 1.942 | 101 | 101797 | 53.20 | ug/l | 83 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.297 | 101 | 53565 | 58.98 | ug/l | 94 |
| 10) Methylene Chloride | 2.634 | 84 | 56701 | 54.63 | ug/l | 66 |
| 11) Acrolein | 2.219 | 56 | 46365 | 230.07 | ug/l | 89 |
| 12) Acrylonitrile | 2.809 | 53 | 21145 | 49.02 | ug/l | 88 |
| 13) Iodomethane | 2.412 | 142 | 129163 | 59.42 | ug/l | 100 |
| 14) Acetone | 2.327 | 43 | 106562 | 236.09 | ug/l | 85 |
| 15) Carbon Disulfide | 2.472 | 76 | 169726 | 56.61 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.706 | 59 | 22164 | 180.56 | ug/l | 85 |
| 17) n-Hexane | 3.056 | 57 | 35117 | 50.67 | ug/l | 75 |
| 18) Di-isopropyl-ether | 3.212 | 45 | 285935 | 52.75 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.303 | 61 | 90463 | 55.42 | ug/l | 96 |
| 20) Methyl Acetate | 2.562 | 43 | 54555 | 44.48 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.845 | 73 | 196692 | 49.78 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.158 | 63 | 114420 | 53.56 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.851 | 96 | 51838 | 55.20 | ug/l | 90 |
| 24) cis-1,2-Dichloroethene | 3.609 | 61 | 120206 | 61.21 | ug/l | 78 |
| 25) Bromochloromethane | 3.790 | 49 | 60417 | 51.12 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.609 | 77 | 87185 | 47.88 | ug/l | 96 |
| 27) 1,4-Dioxane | 4.753 | 88 | 46115 | 2464.51 | ug/l | 86 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 93806 | 56.70 | ug/l | 96 |
| 29) Chloroform | 3.838 | 83 | 147745 | 57.95 | ug/l | 85 |
| 31) Cyclohexane | 4.025 | 56 | 97452 | 57.65 | ug/l | 91 |
| 33) 1,2-Dichloroethane | 4.217 | 62 | 119263 | 60.95 | ug/l | 94 |
| 34) 2-Butanone | 3.615 | 43 | 37343 | 49.89 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.976 | 97 | 121507 | 55.66 | ug/l | 98 |
| 36) Carbon Tetrachloride | 4.091 | 117 | 107444 | 59.34 | ug/l | 99 |
| 37) Vinyl Acetate | 3.206 | 43 | 251599 | 46.14 | ug/l | 100 |
| 38) Bromodichloromethane | 4.825 | 83 | 120623 | 55.93 | ug/l | 100 |
| 39) Methylcyclohexane | 4.681 | 83 | 63128 | 58.38 | ug/l | 93 |
| 40) Dibromomethane | 4.753 | 174 | 81460 | 62.78 | ug/l | 95 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 77002 | 53.78 | ug/l | 93 |
| 42) Trichloroethene | 4.578 | 130 | 81396 | 58.70 | ug/l | 96 |
| 43) Benzene | 4.217 | 78 | 261210 | 54.54 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.277 | 73 | 206713 | 66.38 | ug/l | 98 |
| 46) Dibromochloromethane | 5.625 | 129 | 100235 | 57.18 | ug/l | 96 |
| 47) 2-Chloroethylvinylether | 4.969 | 63 | 39094 | 47.45 | ug/l | 85 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 107132 | 50.44 | ug/l | 96 |
| 49) trans-1,3-Dichloropropene | 5.324 | 75 | 102940 | 53.45 | ug/l | 100 |
| 50) 1,1,2-Trichloroethane | 5.421 | 97 | 70191 | 55.09 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.692 | 107 | 77472 | 54.28 | ug/l | 92 |
| 52) 1,3-Dichloropropane | 5.505 | 76 | 113450 | 55.36 | ug/l | 97 |
| 53) 4-Methyl-2-Pentanone | 5.120 | 43 | 80318 | 44.32 | ug/l | 98 |
| 54) 2-Hexanone | 5.535 | 43 | 50356 | 47.84 | ug/l | 93 |
| 55) Tetrachloroethene | 5.511 | 164 | 69672 | 62.61 | ug/l | 95 |
| 57) Toluene | 5.228 | 92 | 163293 | 51.66 | ug/l | 97 |
| 58) 1,1,1,2-Tetrachloroethane | 5.974 | 133 | 82415 | 60.57 | ug/l | 87 |
| 59) Chlorobenzene | 5.938 | 112 | 192199 | 54.50 | ug/l | 90 |
| 61) Bromoform | 6.360 | 173 | 85898 | 52.51 | ug/l | 98 |
| 62) Ethylbenzene | 5.987 | 106 | 88753 | 53.69 | ug/l | 88 |
| 63) 1,1,2,2-Tetrachloroethane | 6.576 | 83 | 92346 | 44.77 | ug/l | 93 |
| 65) Styrene | 6.251 | 104 | 208874 | 49.06 | ug/l | 97 |
| 66) m&p-Xylenes | 6.041 | 106 | 227414 | 107.35 | ug/l | 91 |

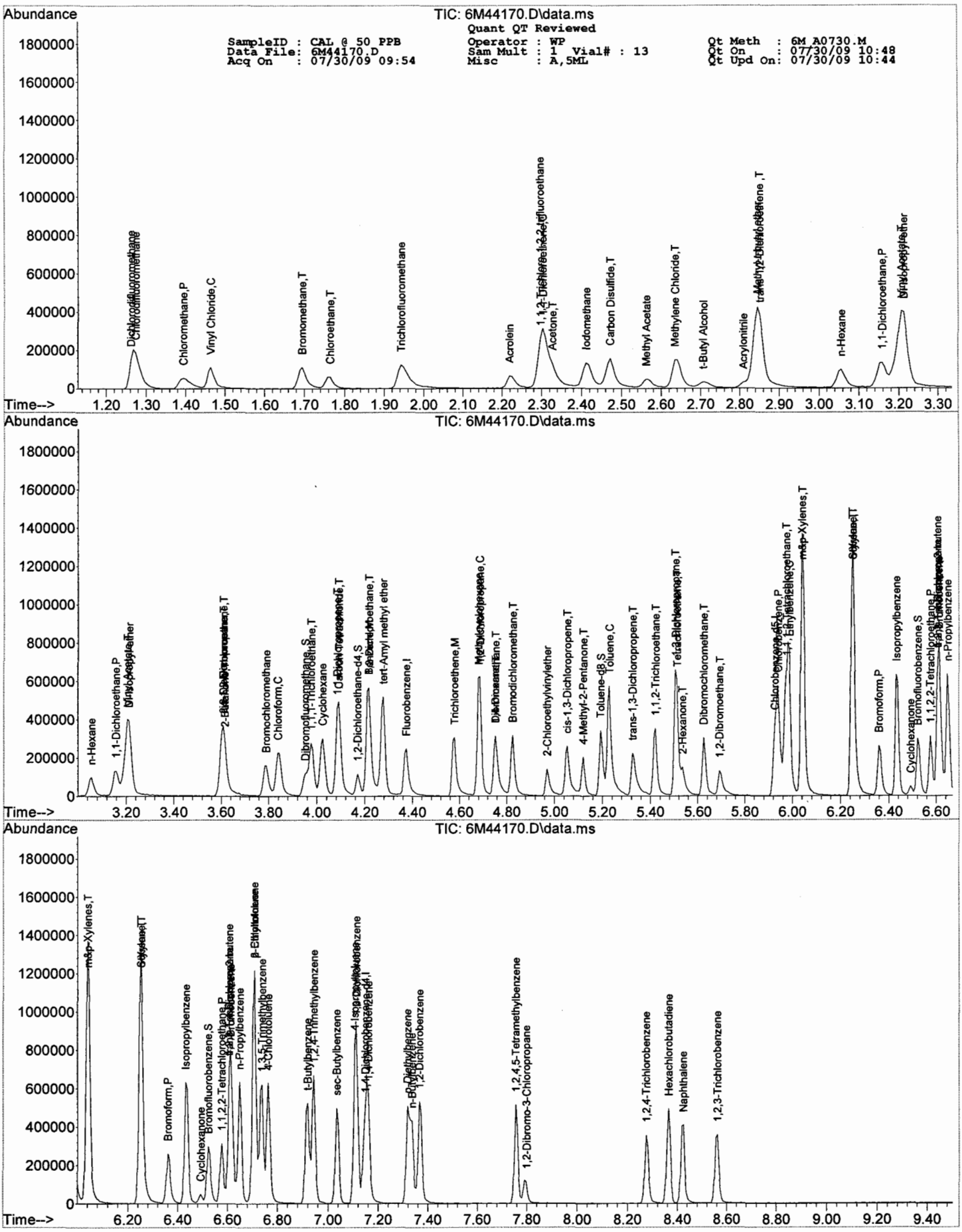
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44170.D Sam Mult : 1 Vial# : 13 Qt On : 07/30/09 10:48
Acq On : 07/30/09 09:54 Misc : A,5ML Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.251 | 106 | 121091 | 53.31 | ug/l | 75 |
| 68) trans-1,4-Dichloro-2-b... | 6.606 | 53 | 23081 | 43.94 | ug/l | 68 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 145232 | 49.88 | ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.160 | 146 | 163980 | 50.18 | ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.365 | 146 | 156377 | 51.68 | ug/l | 88 |
| 72) Isopropylbenzene | 6.432 | 105 | 274220 | 51.84 | ug/l | 95 |
| 73) Cyclohexanone | 6.492 | 55 | 12800 | 157.28 | ug/l | 94 |
| 74) 1,2,3-Trichloropropane | 6.606 | 75 | 113867 | 46.25 | ug/l | 90 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 238170 | 54.59 | ug/l | 96 |
| 76) p-Ethyltoluene | 6.709 | 105 | 241758 | 48.90 | ug/l | 82 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 227539 | 53.31 | ug/l | 93 |
| 78) n-Propylbenzene | 6.649 | 91 | 289182 | 49.84 | ug/l | 94 |
| 79) Bromobenzene | 6.612 | 77 | 186962 | 50.68 | ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.739 | 105 | 231846 | 50.48 | ug/l | 94 |
| 81) t-Butylbenzene | 6.919 | 119 | 187710 | 51.86 | ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.943 | 105 | 240125 | 52.95 | ug/l | 92 |
| 83) sec-Butylbenzene | 7.034 | 105 | 214622 | 51.33 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 179110 | 51.01 | ug/l | 92 |
| 85) n-Butylbenzene | 7.335 | 91 | 190337 | 48.87 | ug/l | 78 |
| 86) p-Diethylbenzene | 7.317 | 119 | 101878 | 51.47 | ug/l | 87 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 171369 | 46.45 | ug/l | 91 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.798 | 157 | 24751 | 47.44 | ug/l | 62 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 84649 | 74.63 | ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.274 | 180 | 86567 | 50.61 | ug/l | 93 |
| 91) 1,2,3-Trichlorobenzene | 8.562 | 180 | 95258 | 54.04 | ug/l | 96 |
| 92) Naphthalene | 8.424 | 128 | 230344 | 45.63 | ug/l | 100 |

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


Abundance
TIC: 6M44170.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 6M44170.D
Acq On : 07/30/09 09:54
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:48
Qt Upd On: 07/30/09 10:44
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44170.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,S
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 6M44170.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44169.D  Sam Mult : 1  Vial# : 12  Qt On : 07/30/09 10:46
Acq On : 07/30/09 09:38  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 170895 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 115032 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 63531 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 51440 | 30.90 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.00% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 28547 | 32.60 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 108.67% | | |
| 56) Toluene-d8 | 5.194 | 98 | 162031 | 30.00 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.00% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 67945 | 30.45 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.50% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.274 | 51 | 323354 | 121.76 | ug/l | 92 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 175353 | 124.84 | ug/l | 90 |
| 4) Chloromethane | 1.390 | 50 | 159329 | 105.68 | ug/l | 85 |
| 5) Bromomethane | 1.690 | 94 | 115285 | 110.65 | ug/l | 88 |
| 6) Vinyl Chloride | 1.465 | 62 | 175188 | 131.41 | ug/l | 99 |
| 7) Chloroethane | 1.759 | 64 | 84198 | 114.47 | ug/l | 96 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 206878 | 107.18 | ug/l | 85 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 106425 | 116.16 | ug/l | 98 |
| 10) Methylene Chloride | 2.636 | 84 | 108982 | 104.10 | ug/l | 67 |
| 11) Acrolein | 2.221 | 56 | 89262 | 439.09 | ug/l | 98 |
| 12) Acrylonitrile | 2.811 | 53 | 41887 | 96.25 | ug/l | 91 |
| 13) Iodomethane | 2.413 | 142 | 257472 | 117.41 | ug/l | 98 |
| 14) Acetone | 2.323 | 43 | 202004 | 443.65 | ug/l | 93 |
| 15) Carbon Disulfide | 2.467 | 76 | 327452 | 108.26 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 44804 | 361.82 | ug/l | 80 |
| 17) n-Hexane | 3.057 | 57 | 75162 | 107.50 | ug/l | 79 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 559763 | 102.37 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 180645 | 109.71 | ug/l | 96 |
| 20) Methyl Acetate | 2.564 | 43 | 103084 | 83.32 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.847 | 73 | 385994 | 96.85 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.160 | 63 | 230758 | 107.08 | ug/l | 100 |
| 23) trans-1,2-Dichloroethene | 2.847 | 96 | 101241 | 106.87 | ug/l | 92 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 238068 | 120.18 | ug/l | 90 |
| 25) Bromochloromethane | 3.785 | 49 | 118327 | 99.25 | ug/l | 86 |
| 26) 2,2-Dichloropropane | 3.611 | 77 | 177073 | 96.40 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.754 | 88 | 93504 | 4953.66 | ug/l | 92 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 189173 | 113.34 | ug/l | 95 |
| 29) Chloroform | 3.840 | 83 | 286484 | 111.40 | ug/l | 88 |
| 31) Cyclohexane | 4.026 | 56 | 199129 | 116.78 | ug/l | 92 |
| 33) 1,2-Dichloroethane | 4.219 | 62 | 228640 | 115.83 | ug/l | 93 |
| 34) 2-Butanone | 3.611 | 43 | 70248 | 93.03 | ug/l | 99 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 248216 | 112.71 | ug/l | 97 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 214346 | 117.35 | ug/l | 93 |
| 37) Vinyl Acetate | 3.208 | 43 | 511544 | 93.00 | ug/l | 100 |
| 38) Bromodichloromethane | 4.827 | 83 | 248441 | 114.20 | ug/l | 95 |
| 39) Methylcyclohexane | 4.682 | 83 | 134295 | 123.12 | ug/l | 90 |
| 40) Dibromomethane | 4.754 | 174 | 155834 | 119.05 | ug/l | 93 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 155501 | 107.67 | ug/l | 91 |
| 42) Trichloroethene | 4.574 | 130 | 163607 | 116.96 | ug/l | 98 |
| 43) Benzene | 4.213 | 78 | 516877 | 106.98 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 409035 | 130.21 | ug/l | 97 |
| 46) Dibromochloromethane | 5.627 | 129 | 204251 | 113.60 | ug/l | 91 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 87721 | 103.82 | ug/l | 84 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 220993 | 101.45 | ug/l | 89 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 211912 | 107.28 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 142455 | 109.01 | ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 156268 | 106.75 | ug/l | 92 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 222864 | 106.04 | ug/l | 95 |
| 53) 4-Methyl-2-Pentanone | 5.122 | 43 | 158588 | 85.32 | ug/l | 94 |
| 54) 2-Hexanone | 5.537 | 43 | 105299 | 97.54 | ug/l | 89 |
| 55) Tetrachloroethene | 5.513 | 164 | 135767 | 118.96 | ug/l | 94 |
| 57) Toluene | 5.230 | 92 | 329567 | 101.66 | ug/l | 95 |
| 58) 1,1,1,2-Tetrachloroethane | 5.976 | 133 | 157328 | 112.74 | ug/l | 83 |
| 59) Chlorobenzene | 5.940 | 112 | 386304 | 106.79 | ug/l | 97 |
| 61) Bromoform | 6.361 | 173 | 175058 | 112.71 | ug/l | 96 |
| 62) Ethylbenzene | 5.988 | 106 | 168640 | 107.45 | ug/l | 85 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 185885 | 94.91 | ug/l | 92 |
| 65) Styrene | 6.253 | 104 | 415721 | 102.85 | ug/l | 98 |
| 66) m&p-Xylenes | 6.042 | 106 | 439811 | 218.65 | ug/l | 90 |

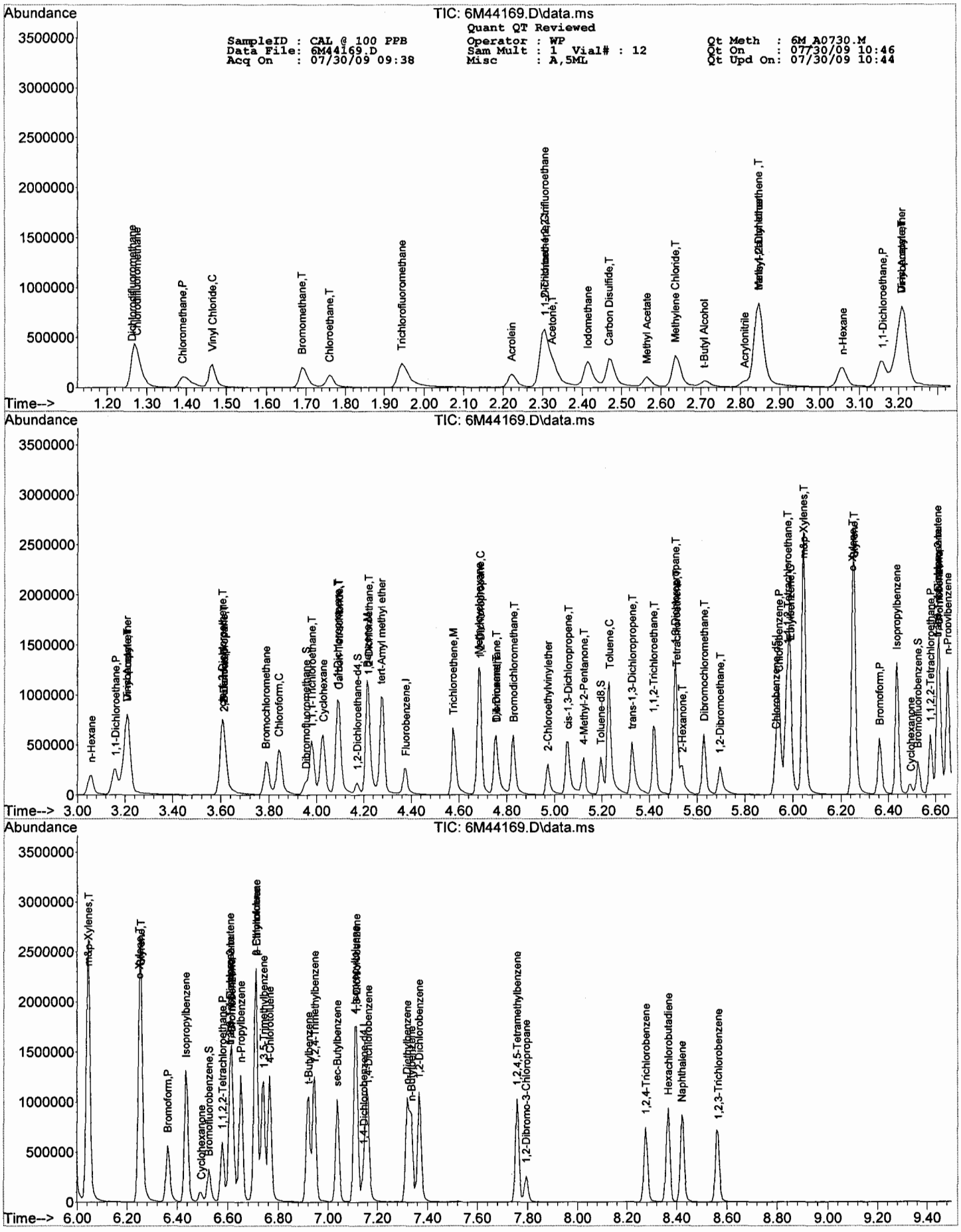
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44169.D  Sam Mult : 1  Vial# : 12  Qt On : 07/30/09 10:46
Acq On : 07/30/09 09:38  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 225840 | 104.72 | ug/l | 77 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 47983 | 96.20 | ug/l | 57 |
| 69) 1,3-Dichlorobenzene | 7.114 | 146 | 280349 | 101.41 | ug/l | 88 |
| 70) 1,4-Dichlorobenzene | 7.162 | 146 | 315032 | 101.54 | ug/l | 82 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 300890 | 104.73 | ug/l | 88 |
| 72) Isopropylbenzene | 6.434 | 105 | 545369 | 108.58 | ug/l | 94 |
| 73) Cyclohexanone | 6.494 | 55 | 26392 | 341.55 | ug/l | 96 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 218962 | 93.67 | ug/l | 91 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 446970 | 107.90 | ug/l | 97 |
| 76) p-Ethyltoluene | 6.710 | 105 | 482324 | 102.74 | ug/l | 83 |
| 77) 4-Chlorotoluene | 6.765 | 91 | 456822 | 112.72 | ug/l | 92 |
| 78) n-Propylbenzene | 6.650 | 91 | 593946 | 107.82 | ug/l | 96 |
| 79) Bromobenzene | 6.614 | 77 | 337458 | 96.33 | ug/l | 85 |
| 80) 1,3,5-Trimethylbenzene | 6.741 | 105 | 448004 | 102.73 | ug/l | 91 |
| 81) t-Butylbenzene | 6.921 | 119 | 378521 | 110.13 | ug/l | 84 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 471209 | 109.44 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 433441 | 109.17 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.108 | 119 | 362568 | 108.76 | ug/l | 92 |
| 85) n-Butylbenzene | 7.336 | 91 | 395059 | 106.84 | ug/l | 79 |
| 86) p-Diethylbenzene | 7.318 | 119 | 208336 | 110.85 | ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.758 | 119 | 361391 | 103.17 | ug/l | 91 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.794 | 157 | 48951 | 98.81 | ug/l | 67 |
| 89) Hexachlorobutadiene | 8.366 | 225 | 160530 | 149.07 | ug/l | 98 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 172310 | 106.10 | ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 179972 | 107.54 | ug/l | 96 |
| 92) Naphthalene | 8.420 | 128 | 461509 | 96.29 | ug/l | 100 |

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


Abundance
TIC: 6M44169.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 6M44169.D
Acq On : 07/30/09 09:38
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:46
Qt Upd On: 07/30/09 10:44
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44168.D  Sam Mult : 1  Vial# : 11  Qt On : 07/30/09 10:45
Acq On : 07/30/09 09:23  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 179495 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 115940 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 63619 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 54698 | 31.28 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.27% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 29183 | 31.73 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.77% | | |
| 56) Toluene-d8 | 5.194 | 98 | 164208 | 30.16 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.53% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 71821 | 32.15 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.17% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.270 | 51 | 842818 | 302.16 | ug/l | 90 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 439921 | 298.19 | ug/l | 88 |
| 4) Chloromethane | 1.391 | 50 | 417212 | 263.47 | ug/l | 81 |
| 5) Bromomethane | 1.685 | 94 | 256467 | 234.36 | ug/l | 88 |
| 6) Vinyl Chloride | 1.460 | 62 | 431924 | 308.46 | ug/l | 98 |
| 7) Chloroethane | 1.754 | 64 | 200803 | 259.91 | ug/l | 93 |
| 8) Trichlorofluoromethane | 1.939 | 101 | 539580 | 266.17 | ug/l | 92 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.299 | 101 | 272942 | 283.63 | ug/l | 93 |
| 10) Methylene Chloride | 2.636 | 84 | 279085 | 253.81 | ug/l | 69 |
| 11) Acrolein | 2.215 | 56 | 236276 | 1106.58 | ug/l | 95 |
| 12) Acrylonitrile | 2.804 | 53 | 108547 | 237.48 | ug/l | 92 |
| 13) Iodomethane | 2.413 | 142 | 658113 | 285.73 | ug/l | 99 |
| 14) Acetone | 2.323 | 43 | 517065 | 1081.20 | ug/l | 98 |
| 15) Carbon Disulfide | 2.467 | 76 | 841786 | 264.98 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 123882 | 952.49 | ug/l | 80 |
| 17) n-Hexane | 3.051 | 57 | 190831 | 259.85 | ug/l | 81 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 1454777 | 253.31 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 452160 | 261.44 | ug/l | 95 |
| 20) Methyl Acetate | 2.564 | 43 | 282575 | 217.46 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 985541 | 235.43 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 598059 | 264.23 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 239039 | 240.23 | ug/l | 97 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 594284 | 285.62 | ug/l | 85 |
| 25) Bromochloromethane | 3.785 | 49 | 313253 | 250.15 | ug/l | 92 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 450426 | 233.48 | ug/l | 97 |
| 27) 1,4-Dioxane | 4.754 | 88 | 236604 | 11934.25 | ug/l | 84 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 480982 | 274.38 | ug/l | 98 |
| 29) Chloroform | 3.839 | 83 | 727343 | 269.27 | ug/l | 87 |
| 31) Cyclohexane | 4.026 | 56 | 509038 | 284.22 | ug/l | 91 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 562981 | 271.55 | ug/l | 90 |
| 34) 2-Butanone | 3.611 | 43 | 187831 | 236.82 | ug/l | 95 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 634753 | 274.43 | ug/l | 96 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 535496 | 279.13 | ug/l | 91 |
| 37) Vinyl Acetate | 3.208 | 43 | 1347838 | 233.30 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 639859 | 280.02 | ug/l | 93 |
| 39) Methylcyclohexane | 4.682 | 83 | 325426 | 284.04 | ug/l | 89 |
| 40) Dibromomethane | 4.748 | 174 | 379611 | 276.12 | ug/l | 93 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 390947 | 257.71 | ug/l | 96 |
| 42) Trichloroethene | 4.574 | 130 | 417527 | 284.19 | ug/l | 96 |
| 43) Benzene | 4.213 | 78 | 1300988 | 256.36 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 1070951 | 324.58 | ug/l | 98 |
| 46) Dibromochloromethane | 5.627 | 129 | 539419 | 297.65 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 230508 | 270.67 | ug/l | 85 |
| 48) cis-1,3-Dichloropropene | 5.049 | 75 | 600810 | 273.64 | ug/l | 86 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 572951 | 287.78 | ug/l | 98 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 369448 | 280.51 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 415768 | 281.81 | ug/l | 89 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 546172 | 257.84 | ug/l | 94 |
| 53) 4-Methyl-2-Pentanone | 5.115 | 43 | 435509 | 232.46 | ug/l | 99 |
| 54) 2-Hexanone | 5.531 | 43 | 295611 | 271.67 | ug/l | 94 |
| 55) Tetrachloroethene | 5.507 | 164 | 309367 | 268.95 | ug/l | 99 |
| 57) Toluene | 5.224 | 92 | 816448 | 249.88 | ug/l | 92 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 380367 | 270.44 | ug/l | 81 |
| 59) Chlorobenzene | 5.940 | 112 | 958723 | 262.96 | ug/l | 99 |
| 61) Bromoform | 6.361 | 173 | 451757 | 290.46 | ug/l | 97 |
| 62) Ethylbenzene | 5.988 | 106 | 377344 | 240.10 | ug/l | 93 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 463690 | 236.42 | ug/l | 90 |
| 65) Styrene | 6.253 | 104 | 921136 | 227.57 | ug/l | 100 |
| 66) m&p-Xylenes | 6.042 | 106 | 953805 | 473.53 | ug/l | 96 |

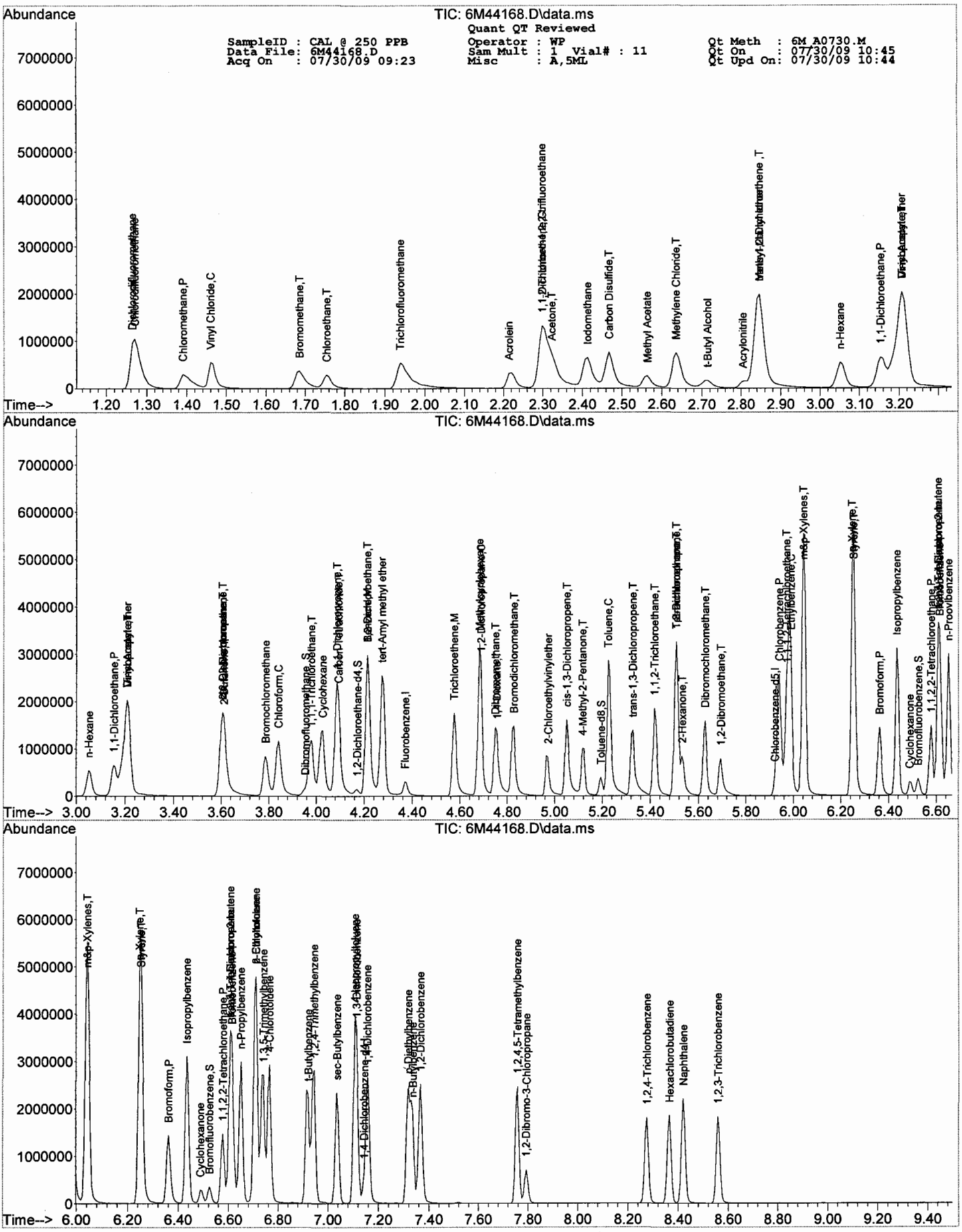
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44168.D  Sam Mult : 1  Vial# : 11  Qt On : 07/30/09 10:45
Acq On : 07/30/09 09:23  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 493233 | 228.39 | ug/l | | 83 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 121384 | 243.02 | ug/l | | 50 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 621327 | 224.45 | ug/l | | 87 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 737863 | 237.49 | ug/l | | 82 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 704804 | 244.99 | ug/l | | 88 |
| 72) Isopropylbenzene | 6.433 | 105 | 1292972 | 257.07 | ug/l | | 94 |
| 73) Cyclohexanone | 6.488 | 55 | 76395 | 987.29 | ug/l | | 98 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 527183 | 225.21 | ug/l | | 88 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 944663 | 227.73 | ug/l | | 97 |
| 76) p-Ethyltoluene | 6.710 | 105 | 1068609 | 227.32 | ug/l | | 81 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 1060773 | 261.39 | ug/l | | 92 |
| 78) n-Propylbenzene | 6.650 | 91 | 1425448 | 258.40 | ug/l | | 98 |
| 79) Bromobenzene | 6.614 | 77 | 783795 | 223.44 | ug/l | | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 1019888 | 233.55 | ug/l | | 92 |
| 81) t-Butylbenzene | 6.921 | 119 | 888678 | 258.21 | ug/l | | 84 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 1092042 | 253.27 | ug/l | | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 1030386 | 259.17 | ug/l | | 100 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 798977 | 239.33 | ug/l | | 91 |
| 85) n-Butylbenzene | 7.336 | 91 | 918712 | 248.10 | ug/l | | 79 |
| 86) p-Diethylbenzene | 7.318 | 119 | 503757 | 267.65 | ug/l | # | 88 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 896939 | 255.69 | ug/l | | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.794 | 157 | 132533 | 267.16 | ug/l | | 65 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 329994 | 306.01 | ug/l | | 97 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 424918 | 261.27 | ug/l | | 96 |
| 91) 1,2,3-Trichlorobenzene | 8.558 | 180 | 431200 | 257.30 | ug/l | | 95 |
| 92) Naphthalene | 8.419 | 128 | 1150724 | 239.76 | ug/l | | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 6M44168.D
Acq On : 07/30/09 09:23
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 6M A0730.M
Qt On : 07/30/09 10:45
Qt Upd On: 07/30/09 10:44
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44167.D  Sam Mult : 1  Vial# : 10  Qt On : 07/30/09 10:44
Acq On : 07/30/09 09:07  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 170494 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 107053 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 57536 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 50285 | 30.28 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.93% | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 28004 | 32.05 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.83% | | |
| 56) Toluene-d8 | 5.193 | 98 | 159253 | 31.68 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.60% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 66231 | 32.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 109.27% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.275 | 51 | 1535744 | 579.65 | ug/l | 91 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 813186 | 580.30 | ug/l | 87 |
| 4) Chloromethane | 1.396 | 50 | 830168 | 551.92 | ug/l | 80 |
| 5) Bromomethane | 1.673 | 94 | 253302 | 243.69 | ug/l | 88 |
| 6) Vinyl Chloride | 1.465 | 62 | 825733 | 620.83 | ug/l | 97 |
| 7) Chloroethane | 1.748 | 64 | 360385 | 491.10 | ug/l | 97 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 1085113 | 563.53 | ug/l | 87 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 512978 | 561.21 | ug/l | 95 |
| 10) Methylene Chloride | 2.635 | 84 | 521619 | 499.41 | ug/l | 66 |
| 11) Acrolein | 2.220 | 56 | 462302 | 2279.46 | ug/l | 98 |
| 12) Acrylonitrile | 2.809 | 53 | 202964 | 467.49 | ug/l | 99 |
| 13) Iodomethane | 2.412 | 142 | 1197614 | 547.41 | ug/l | 98 |
| 14) Acetone | 2.328 | 43 | 962181 | 2118.17 | ug/l | 96 |
| 15) Carbon Disulfide | 2.466 | 76 | 1568438 | 519.79 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.725 | 59 | 257142 | 2081.46 | ug/l | 84 |
| 17) n-Hexane | 3.050 | 57 | 364352 | 522.33 | ug/l | 82 |
| 18) Di-isopropyl-ether | 3.213 | 45 | 2629431 | 482.01 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.298 | 61 | 831086 | 505.90 | ug/l | 96 |
| 20) Methyl Acetate | 2.563 | 43 | 527861 | 427.68 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.845 | 73 | 1724052 | 433.60 | ug/l | 99 |
| 22) 1,1-Dichloroethane | 3.152 | 63 | 1106325 | 514.59 | ug/l | 100 |
| 23) trans-1,2-Dichloroethene | 2.845 | 96 | 422975 | 447.53 | ug/l | 94 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 1090923 | 552.00 | ug/l | 88 |
| 25) Bromochloromethane | 3.784 | 49 | 574925 | 483.35 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 854506 | 466.31 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.759 | 88 | 434508 | 23073.53 | ug/l | 85 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 858349 | 515.49 | ug/l | 99 |
| 29) Chloroform | 3.838 | 83 | 1391732 | 542.43 | ug/l | 86 |
| 31) Cyclohexane | 4.025 | 56 | 930924 | 547.23 | ug/l | 92 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 987979 | 501.70 | ug/l | 95 |
| 34) 2-Butanone | 3.610 | 43 | 352792 | 468.29 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 1215862 | 553.42 | ug/l | 93 |
| 36) Carbon Tetrachloride | 4.091 | 117 | 950741 | 521.75 | ug/l | 90 |
| 37) Vinyl Acetate | 3.188 | 43 | 2545699 | 463.91 | ug/l | 100 |
| 38) Bromodichloromethane | 4.825 | 83 | 1188499 | 547.59 | ug/l | 92 |
| 39) Methylcyclohexane | 4.681 | 83 | 566924 | 520.95 | ug/l | 90 |
| 40) Dibromomethane | 4.747 | 174 | 676170 | 517.79 | ug/l | 92 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 682620 | 473.74 | ug/l | 97 |
| 42) Trichloroethene | 4.573 | 130 | 747891 | 535.92 | ug/l | 97 |
| 43) Benzene | 4.212 | 78 | 2306995 | 478.60 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.278 | 73 | 1877870 | 599.19 | ug/l | 99 |
| 46) Dibromochloromethane | 5.626 | 129 | 971465 | 580.56 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.970 | 63 | 439217 | 558.55 | ug/l | 80 |
| 48) cis-1,3-Dichloropropene | 5.048 | 75 | 1122983 | 553.93 | ug/l | 90 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 1075784 | 585.19 | ug/l | 100 |
| 50) 1,1,2-Trichloroethane | 5.421 | 97 | 652758 | 536.75 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.692 | 107 | 776059 | 569.68 | ug/l | 91 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 935048 | 478.06 | ug/l | 99 |
| 53) 4-Methyl-2-Pentanone | 5.120 | 43 | 833125 | 481.62 | ug/l | 99 |
| 54) 2-Hexanone | 5.536 | 43 | 548369 | 545.80 | ug/l | 95 |
| 55) Tetrachloroethene | 5.512 | 164 | 502320 | 472.95 | ug/l | 96 |
| 57) Toluene | 5.229 | 92 | 1456151 | 482.66 | ug/l | 94 |
| 58) 1,1,1,2-Tetrachloroethane | 5.975 | 133 | 632845 | 487.30 | ug/l | 78 |
| 59) Chlorobenzene | 5.939 | 112 | 1660260 | 493.18 | ug/l | 99 |
| 61) Bromoform | 6.360 | 173 | 829169 | 589.49 | ug/l | 95 |
| 62) Ethylbenzene | 5.987 | 106 | 646444 | 454.81 | ug/l | 98 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 835589 | 471.08 | ug/l | 92 |
| 65) Styrene | 6.258 | 104 | 1445642 | 394.91 | ug/l | 91 |
| 66) m&p-Xylenes | 6.047 | 106 | 1477216 | 810.92 | ug/l | 90 |

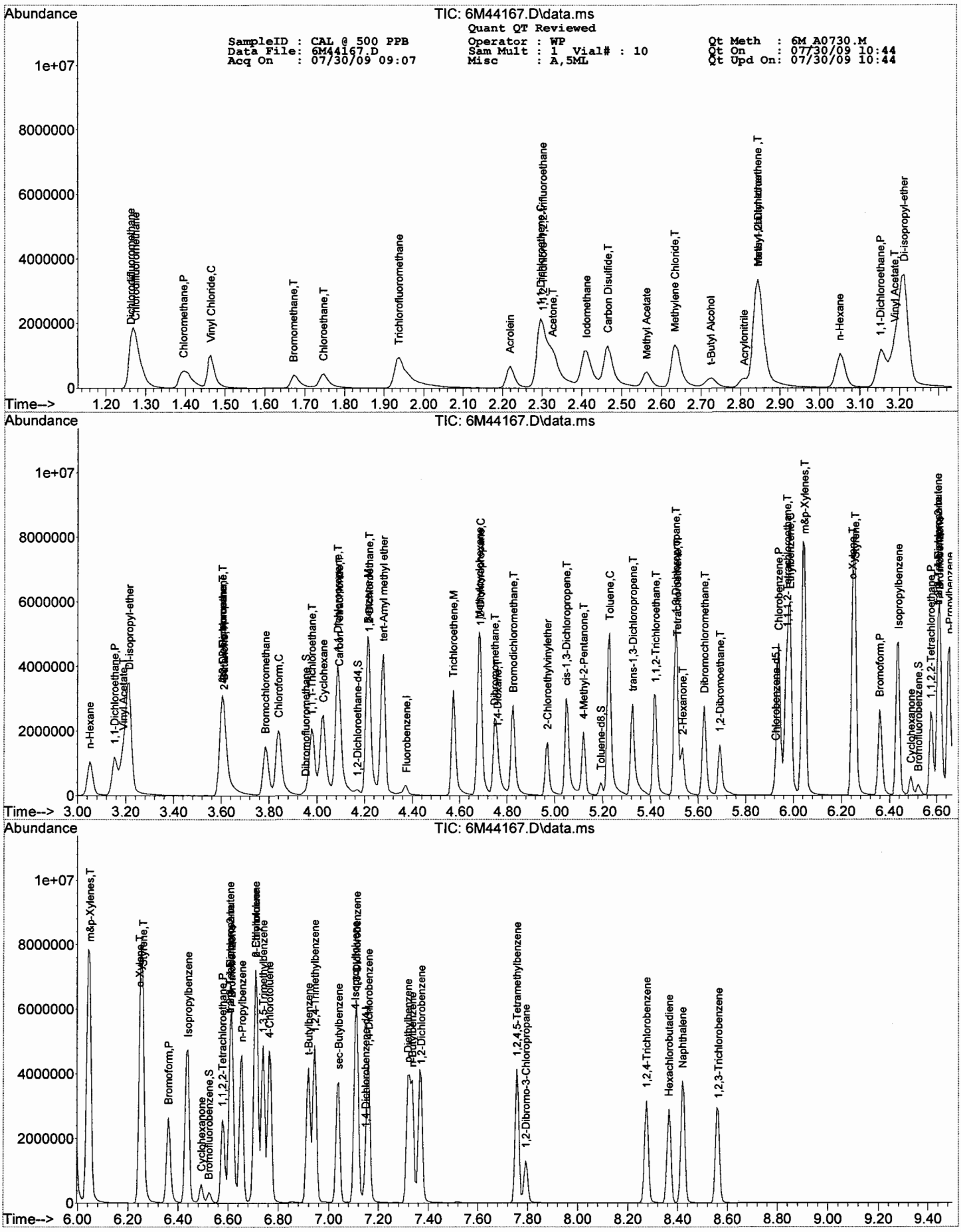
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44167.D  Sam Mult : 1  Vial# : 10  Qt On : 07/30/09 10:44
Acq On : 07/30/09 09:07  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.246 | 106 | 752290 | 385.17 ug/l | 87 |
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 203132 | 449.69 ug/l | 46 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 983875 | 392.99 ug/l | 88 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 1255960 | 446.99 ug/l | 83 |
| 71) 1,2-Dichlorobenzene | 7.371 | 146 | 1198053 | 460.47 ug/l | 89 |
| 72) Isopropylbenzene | 6.438 | 105 | 2187436 | 480.89 ug/l | 95 |
| 73) Cyclohexanone | 6.493 | 55 | 145830 | 2083.88 ug/l | 99 |
| 74) 1,2,3-Trichloropropane | 6.607 | 75 | 860018 | 406.24 ug/l | 87 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 1317637 | 351.23 ug/l | 97 |
| 76) p-Ethyltoluene | 6.709 | 105 | 1792856 | 421.71 ug/l | 76 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 1671935 | 455.55 ug/l | 94 |
| 78) n-Propylbenzene | 6.655 | 91 | 2424729 | 486.01 ug/l | 99 |
| 79) Bromobenzene | 6.613 | 77 | 1264612 | 398.63 ug/l | 89 |
| 80) 1,3,5-Trimethylbenzene | 6.739 | 105 | 1622628 | 410.85 ug/l | 86 |
| 81) t-Butylbenzene | 6.920 | 119 | 1520704 | 488.57 ug/l | 84 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 1818708 | 466.39 ug/l | 90 |
| 83) sec-Butylbenzene | 7.040 | 105 | 1799831 | 500.58 ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 1264270 | 418.75 ug/l | 93 |
| 85) n-Butylbenzene | 7.335 | 91 | 1593376 | 475.79 ug/l | 79 |
| 86) p-Diethylbenzene | 7.317 | 119 | 863989 | 507.59 ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 1529171 | 482.01 ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.793 | 157 | 253746 | 565.59 ug/l | 64 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 522988 | 536.25 ug/l | 97 |
| 90) 1,2,4-Trichlorobenzene | 8.274 | 180 | 742713 | 504.96 ug/l | 96 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 742730 | 490.05 ug/l | 95 |
| 92) Naphthalene | 8.418 | 128 | 2037685 | 469.44 ug/l | 100 |

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


Abundance
TIC: 6M44167.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 6M44167.D
Acq On : 07/30/09 09:07
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:44
Qt Upd On: 07/30/09 10:44
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44174.D  Sam Mult : 1  Vial# : 17  Qt On : 07/30/09 11:22
Acq On : 07/30/09 11:07  Misc : A,5ML  Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 141674 | 30.00 | ug/l | | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 97040 | 30.00 | ug/l | | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 51386 | 30.00 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49399 | 35.79 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 119.30% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 27486 | 37.86 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 126.20% | | | |
| 56) Toluene-d8 | 5.193 | 98 | 125945 | 27.64 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.13% | | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 51353 | 28.46 | ug/l | | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.87% | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.276 | 51 | 1773 | 0.81 | ug/l | | 87 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 887 | 0.76 | ug/l | | 96 |
| 4) Chloromethane | 1.391 | 50 | 1084 | 0.87 | ug/l | # | 31 |
| 5) Bromomethane | 1.696 | 94 | 766 | 0.89 | ug/l | | 56 |
| 6) Vinyl Chloride | 1.466 | 62 | 992 | 0.90 | ug/l | | 96 |
| 7) Chloroethane | 1.760 | 64 | 712 | 1.17 | ug/l | | 46 |
| 8) Trichlorofluoromethane | 1.939 | 101 | 1342 | 0.84 | ug/l | | 65 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.310 | 101 | 351m | 0.46 | ug/l | | |
| 10) Methylene Chloride | 2.635 | 84 | 814 | 0.94 | ug/l | # | 33 |
| 11) Acrolein | 2.238 | 56 | 1231 | 7.30 | ug/l | | 87 |
| 12) Acrylonitrile | 2.804 | 53 | 462 | 1.28 | ug/l | # | 7 |
| 13) Iodomethane | 2.413 | 142 | 1843 | 1.01 | ug/l | | 83 |
| 14) Acetone | 2.328 | 43 | 3377 | 8.95 | ug/l | | 71 |
| 15) Carbon Disulfide | 2.479 | 76 | 2179 | 0.87 | ug/l | | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 535 | 5.21 | ug/l | | 50 |
| 17) n-Hexane | 3.069 | 57 | 759 | 1.31 | ug/l | | 80 |
| 18) Di-isopropyl-ether | 3.213 | 45 | 3492 | 0.77 | ug/l | | 100 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 1212m | 0.89 | ug/l | | |
| 20) Methyl Acetate | 2.581 | 43 | 1220m | 1.19 | ug/l | | |
| 21) Methyl-t-butyl ether | 2.852 | 73 | 2690 | 0.81 | ug/l | | 85 |
| 22) 1,1-Dichloroethane | 3.159 | 63 | 2504 | 1.40 | ug/l | | 64 |
| 23) trans-1,2-Dichloroethene | 2.864 | 96 | 1166m | 1.48 | ug/l | | |
| 24) cis-1,2-Dichloroethene | 3.616 | 61 | 1416 | 0.86 | ug/l | | 83 |
| 25) Bromochloromethane | 3.785 | 49 | 941m | 0.95 | ug/l | | |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 1422 | 0.93 | ug/l | | 76 |
| 27) 1,4-Dioxane | 4.772 | 88 | 495 | 31.63 | ug/l | | 83 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 1206 | 0.87 | ug/l | | 61 |
| 29) Chloroform | 3.845 | 83 | 2352 | 1.10 | ug/l | | 78 |
| 31) Cyclohexane | 4.026 | 56 | 1074 | 0.76 | ug/l | | 89 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 1929 | 1.18 | ug/l | | 80 |
| 34) 2-Butanone | 3.634 | 43 | 739 | 1.18 | ug/l | | 56 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 1558 | 0.85 | ug/l | | 97 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 1459 | 0.96 | ug/l | | 80 |
| 37) Vinyl Acetate | 3.207 | 43 | 3909 | 0.86 | ug/l | | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 1149 | 0.64 | ug/l | | 82 |
| 39) Methylcyclohexane | 4.675 | 83 | 592 | 0.65 | ug/l | | 80 |
| 40) Dibromomethane | 4.754 | 174 | 1307 | 1.20 | ug/l | | 89 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 1228 | 1.03 | ug/l | | 95 |
| 42) Trichloroethene | 4.579 | 130 | 657 | 0.57 | ug/l | | 72 |
| 43) Benzene | 4.218 | 78 | 3478 | 0.87 | ug/l | | 100 |
| 44) tert-Amyl methyl ether | 4.278 | 73 | 2001 | 0.77 | ug/l | | 77 |
| 46) Dibromochloromethane | 5.638 | 129 | 1131 | 0.75 | ug/l | | 86 |
| 47) 2-Chloroethylvinylether | 5.019 | 63 | 648m | 0.91 | ug/l | | |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 799 | 0.43 | ug/l | | 74 |
| 49) trans-1,3-Dichloropropene | 5.350 | 75 | 973m | 0.58 | ug/l | | |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 987 | 0.90 | ug/l | # | 76 |
| 51) 1,2-Dibromoethane | 5.711 | 107 | 948m | 0.77 | ug/l | | |
| 52) 1,3-Dichloropropane | 5.518 | 76 | 1645 | 0.93 | ug/l | | 64 |
| 53) 4-Methyl-2-Pentanone | 5.127 | 43 | 532 | 0.34 | ug/l | | 99 |
| 54) 2-Hexanone | 0.000 | | 0 | N.D. | d | | |
| 55) Tetrachloroethene | 5.512 | 164 | 1021 | 1.06 | ug/l | | 53 |
| 57) Toluene | 5.223 | 92 | 1968 | 0.72 | ug/l | # | 40 |
| 58) 1,1,1,2-Tetrachloroethane | 5.975 | 133 | 1202 | 1.02 | ug/l | | 47 |
| 59) Chlorobenzene | 5.939 | 112 | 3073 | 1.01 | ug/l | | 76 |
| 61) Bromoform | 6.367 | 173 | 1078 | 0.86 | ug/l | | 99 |
| 62) Ethylbenzene | 5.994 | 106 | 810 | 0.64 | ug/l | # | 22 |
| 63) 1,1,2,2-Tetrachloroethane | 6.583 | 83 | 1471 | 0.93 | ug/l | | 85 |
| 65) Styrene | 6.270 | 104 | 1809 | 0.55 | ug/l | | 74 |
| 66) m&p-Xylenes | 6.048 | 106 | 1880 | 1.16 | ug/l | | 59 |

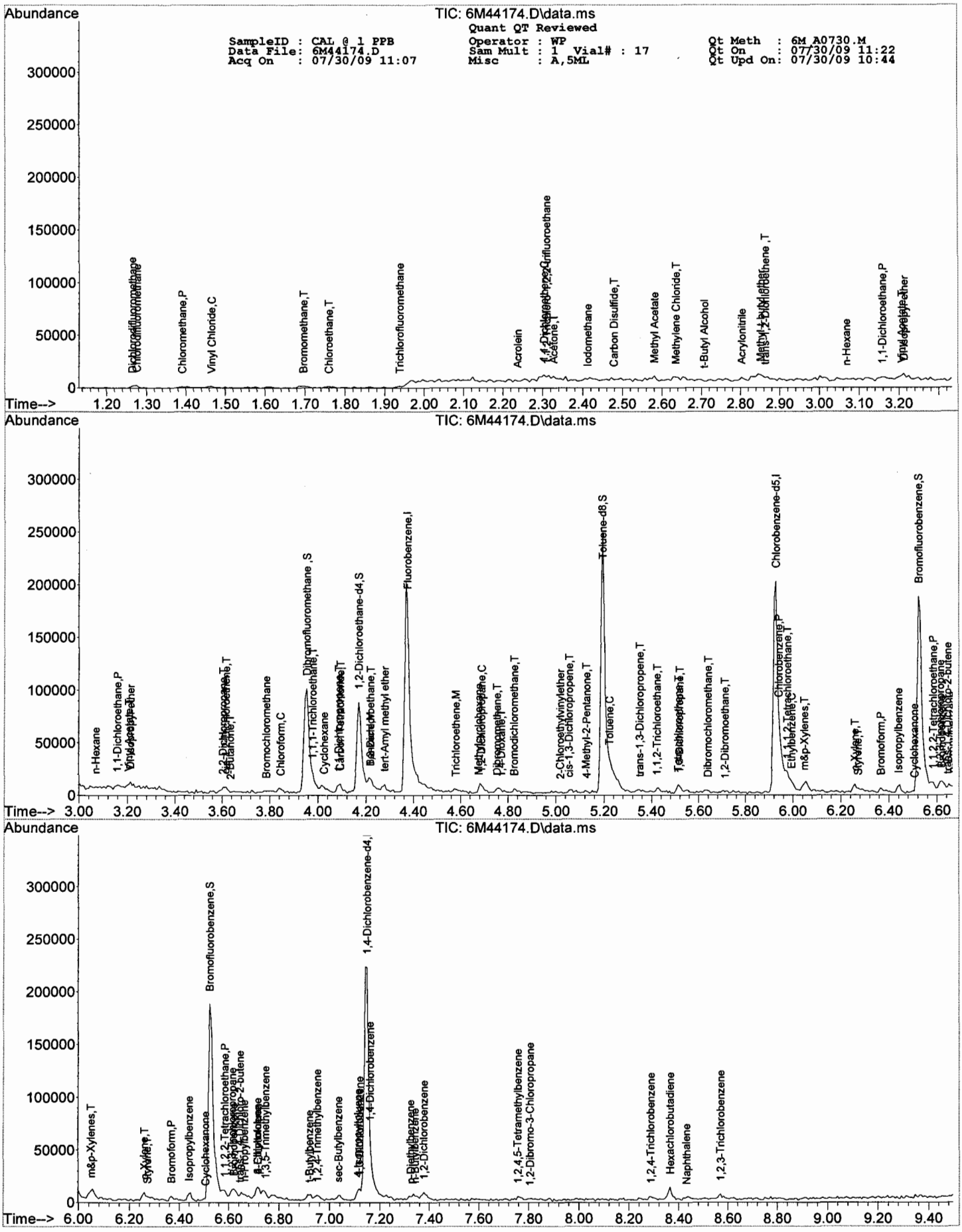
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44174.D Sam Mult : 1 Vial# : 17 Qt On : 07/30/09 11:22
Acq On : 07/30/09 11:07 Misc : A,5ML Qt Upd On: 07/30/09 10:44

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 67) | o-Xylene | 6.258 | 106 | 1118 | 0.64 | ug/l | | 76 |
| 68) | trans-1,4-Dichloro-2-b... | 6.644 | 53 | 342 | 0.85 | ug/l | | 94 |
| 69) | 1,3-Dichlorobenzene | 7.119 | 146 | 2162 | 0.97 | ug/l | | 87 |
| 70) | 1,4-Dichlorobenzene | 7.161 | 146 | 3329m | 1.33 | ug/l | | |
| 71) | 1,2-Dichlorobenzene | 7.378 | 146 | 2256 | 0.97 | ug/l | | 80 |
| 72) | Isopropylbenzene | 6.439 | 105 | 2903 | 0.71 | ug/l | | 98 |
| 73) | Cyclohexanone | 6.505 | 55 | 208 | 3.33 | ug/l | # | 1 |
| 74) | 1,2,3-Trichloropropane | 6.613 | 75 | 2110 | 1.12 | ug/l | | 74 |
| 75) | 2-Chlorotoluene | 6.716 | 91 | 2817 | 0.84 | ug/l | | 89 |
| 76) | p-Ethyltoluene | 6.716 | 105 | 1756 | 0.46 | ug/l | | 96 |
| 77) | 4-Chlorotoluene | 6.716 | 91 | 2817 | 0.86 | ug/l | | 94 |
| 78) | n-Propylbenzene | 6.662 | 91 | 3816 | 0.86 | ug/l | | 98 |
| 79) | Bromobenzene | 6.619 | 77 | 2016 | 0.71 | ug/l | # | 57 |
| 80) | 1,3,5-Trimethylbenzene | 6.746 | 105 | 3477 | 0.99 | ug/l | | 91 |
| 81) | t-Butylbenzene | 6.920 | 119 | 1362 | 0.49 | ug/l | | 79 |
| 82) | 1,2,4-Trimethylbenzene | 6.950 | 105 | 2304 | 0.66 | ug/l | | 79 |
| 83) | sec-Butylbenzene | 7.035 | 105 | 2401 | 0.75 | ug/l | | 94 |
| 84) | 4-Isopropyltoluene | 7.113 | 119 | 1896 | 0.70 | ug/l | | 75 |
| 85) | n-Butylbenzene | 7.342 | 91 | 1809 | 0.60 | ug/l | | 76 |
| 86) | p-Diethylbenzene | 7.324 | 119 | 1122 | 0.74 | ug/l | # | 73 |
| 87) | 1,2,4,5-Tetramethylben... | 7.757 | 119 | 1366 | 0.48 | ug/l | | 93 |
| 88) | 1,2-Dibromo-3-Chloropr... | 7.805 | 157 | 315 | 0.79 | ug/l | | 98 |
| 89) | Hexachlorobutadiene | 8.365 | 225 | 2087 | 2.40 | ug/l | | 95 |
| 90) | 1,2,4-Trichlorobenzene | 8.287 | 180 | 1362 | 1.04 | ug/l | | 83 |
| 91) | 1,2,3-Trichlorobenzene | 8.569 | 180 | 1905 | 1.41 | ug/l | # | 71 |
| 92) | Naphthalene | 8.431 | 128 | 2155 | 0.56 | ug/l | | 100 |

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


Abundance
TIC: 6M44174.D\data.ms
SampleID : CAL @ 1 PPB
Data File: 6M44174.D
Acq On : 07/30/09 11:07
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 17
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 11:22
Qt Upd On: 07/30/09 10:44
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44174.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
Time-->


Abundance
TIC: 6M44174.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB  Operator : WP  Qt Meth : 6M_A0730.M
Data File: 6M44164.D  Sam Mult : 1  Vial# : 7  Qt On : 07/30/09 10:56
Acq On : 07/30/09 08:19  Misc : A,5ML  Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 139813 | 30.00 ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 97441 | 30.00 ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.148 | 152 | 50941 | 30.00 ug/l | 0.00 |
| System Monitoring Compounds | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 49129 | 36.07 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 120.23% | |
| 32) 1,2-Dichloroethane-d4 | 4.175 | 67 | 25899 | 36.15 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 120.50% | |
| 56) Toluene-d8 | 5.192 | 98 | 124898 | 27.30 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 91.00% | |
| 64) Bromofluorobenzene | 6.529 | 174 | 55283 | 30.90 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.00% | |
| Target Compounds | | | | | Qvalue |
| 2) Chlorodifluoromethane | 0.000 | | 0 | N.D. d | |
| 3) Dichlorodifluoromethane | 0.000 | | 0 | N.D. d | |
| 4) Chloromethane | 0.000 | | 0 | N.D. d | |
| 5) Bromomethane | 0.000 | | 0 | N.D. d | |
| 6) Vinyl Chloride | 0.000 | | 0 | N.D. d | |
| 7) Chloroethane | 0.000 | | 0 | N.D. d | |
| 8) Trichlorofluoromethane | 0.000 | | 0 | N.D. d | |
| 9) 1,1,2-Trichloro-1,2,2-... | 0.000 | | 0 | N.D. | |
| 10) Methylene Chloride | 0.000 | | 0 | N.D. d | |
| 11) Acrolein | 0.000 | | 0 | N.D. d | |
| 12) Acrylonitrile | 0.000 | | 0 | N.D. d | |
| 13) Iodomethane | 0.000 | | 0 | N.D. d | |
| 14) Acetone | 0.000 | | 0 | N.D. d | |
| 15) Carbon Disulfide | 0.000 | | 0 | N.D. d | |
| 16) t-Butyl Alcohol | 0.000 | | 0 | N.D. d | |
| 17) n-Hexane | 0.000 | | 0 | N.D. d | |
| 18) Di-isopropyl-ether | 0.000 | | 0 | N.D. d | |
| 19) 1,1-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 20) Methyl Acetate | 0.000 | | 0 | N.D. d | |
| 21) Methyl-t-butyl ether | 2.839 | 73 | 624 | 0.19 ug/l # | 62 |
| 22) 1,1-Dichloroethane | 0.000 | | 0 | N.D. d | |
| 23) trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 24) cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. d | |
| 25) Bromochloromethane | 0.000 | | 0 | N.D. d | |
| 26) 2,2-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 27) 1,4-Dioxane | 0.000 | | 0 | N.D. | |
| 28) 1,1-Dichloropropene | 0.000 | | 0 | N.D. d | |
| 29) Chloroform | 0.000 | | 0 | N.D. d | |
| 31) Cyclohexane | 0.000 | | 0 | N.D. d | |
| 33) 1,2-Dichloroethane | 4.211 | 62 | 576 | 0.36 ug/l | 39 |
| 34) 2-Butanone | 0.000 | | 0 | N.D. d | |
| 35) 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. d | |
| 36) Carbon Tetrachloride | 0.000 | | 0 | N.D. d | |
| 37) Vinyl Acetate | 0.000 | | 0 | N.D. d | |
| 38) Bromodichloromethane | 0.000 | | 0 | N.D. d | |
| 39) Methylcyclohexane | 0.000 | | 0 | N.D. d | |
| 40) Dibromomethane | 0.000 | | 0 | N.D. d | |
| 41) 1,2-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 42) Trichloroethene | 0.000 | | 0 | N.D. d | |
| 43) Benzene | 4.217 | 78 | 1521 | 0.38 ug/l | 100 |
| 44) tert-Amyl methyl ether | 0.000 | | 0 | N.D. d | |
| 46) Dibromochloromethane | 0.000 | | 0 | N.D. d | |
| 47) 2-Chloroethylvinylether | 0.000 | | 0 | N.D. | |
| 48) cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | |
| 49) trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | |
| 50) 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. d | |
| 51) 1,2-Dibromoethane | 0.000 | | 0 | N.D. d | |
| 52) 1,3-Dichloropropane | 0.000 | | 0 | N.D. d | |
| 53) 4-Methyl-2-Pentanone | 0.000 | | 0 | N.D. d | |
| 54) 2-Hexanone | 0.000 | | 0 | N.D. d | |
| 55) Tetrachloroethene | 0.000 | | 0 | N.D. | |
| 57) Toluene | 0.000 | | 0 | N.D. d | |
| 58) 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. d | |
| 59) Chlorobenzene | 0.000 | | 0 | N.D. d | |
| 61) Bromoform | 0.000 | | 0 | N.D. d | |
| 62) Ethylbenzene | 0.000 | | 0 | N.D. d | |
| 63) 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. d | |
| 65) Styrene | 0.000 | | 0 | N.D. d | |
| 66) m&p-Xylenes | 6.053 | 106 | 725m | 0.45 ug/l | |

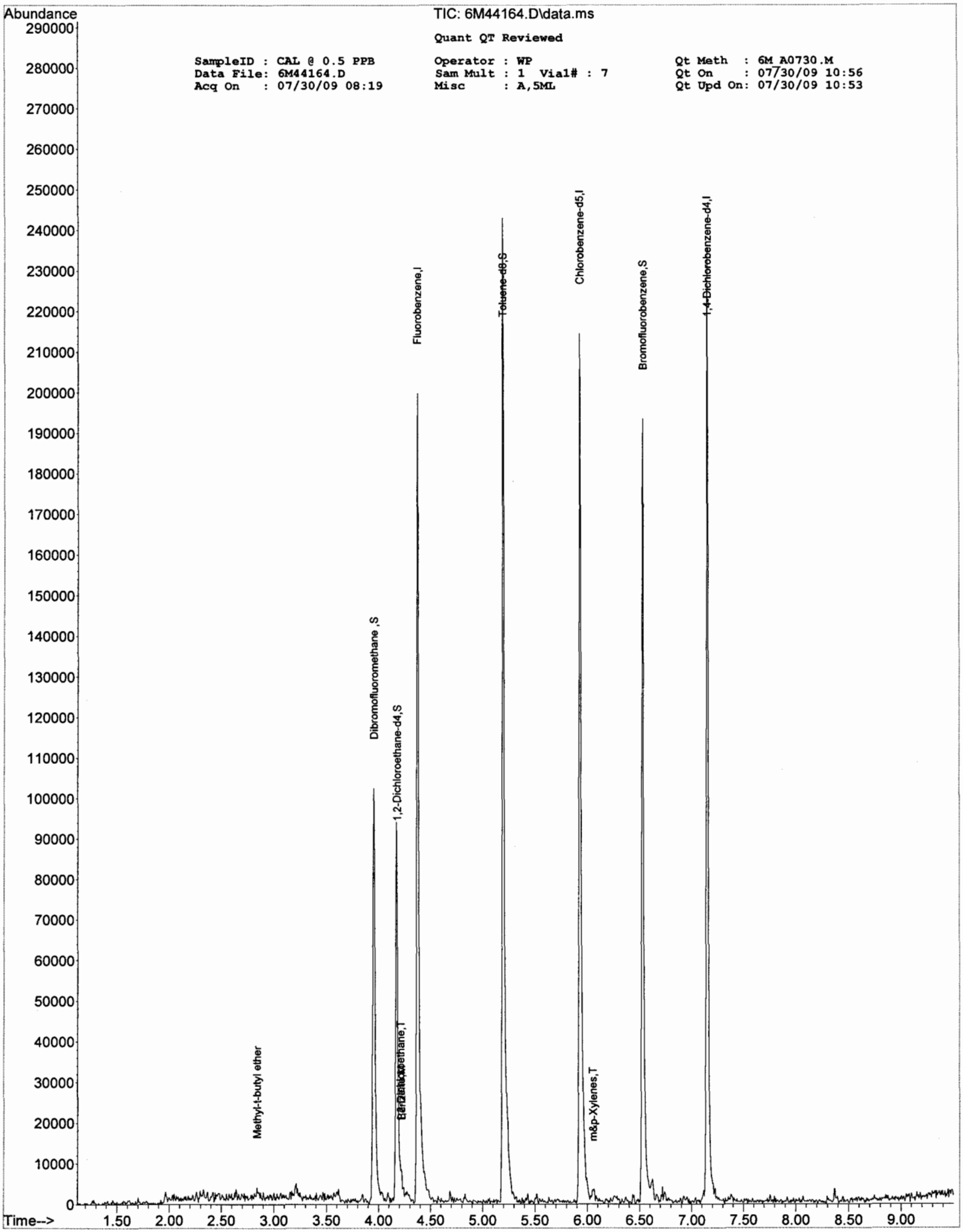
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 6M44164.D
Acq On : 07/30/09 08:19
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:56
Qt Upd On: 07/30/09 10:53

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 0.000 | | 0 | N.D. | d | |
| 68) trans-1,4-Dichloro-2-b... | 0.000 | | 0 | N.D. | d | |
| 69) 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 70) 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 71) 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 72) Isopropylbenzene | 0.000 | | 0 | N.D. | d | |
| 73) Cyclohexanone | 0.000 | | 0 | N.D. | | |
| 74) 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | d | |
| 75) 2-Chlorotoluene | 0.000 | | 0 | N.D. | d | |
| 76) p-Ethyltoluene | 0.000 | | 0 | N.D. | d | |
| 77) 4-Chlorotoluene | 0.000 | | 0 | N.D. | d | |
| 78) n-Propylbenzene | 0.000 | | 0 | N.D. | d | |
| 79) Bromobenzene | 0.000 | | 0 | N.D. | d | |
| 80) 1,3,5-Trimethylbenzene | 0.000 | | 0 | N.D. | d | |
| 81) t-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 82) 1,2,4-Trimethylbenzene | 0.000 | | 0 | N.D. | d | |
| 83) sec-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 84) 4-Isopropyltoluene | 0.000 | | 0 | N.D. | d | |
| 85) n-Butylbenzene | 0.000 | | 0 | N.D. | d | |
| 86) p-Diethylbenzene | 0.000 | | 0 | N.D. | d | |
| 87) 1,2,4,5-Tetramethylben... | 0.000 | | 0 | N.D. | d | |
| 88) 1,2-Dibromo-3-Chloropr... | 0.000 | | 0 | N.D. | | |
| 89) Hexachlorobutadiene | 0.000 | | 0 | N.D. | d | |
| 90) 1,2,4-Trichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 91) 1,2,3-Trichlorobenzene | 0.000 | | 0 | N.D. | d | |
| 92) Naphthalene | 0.000 | | 0 | N.D. | d | |

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


Abundance
TIC: 6M44164.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 6M44164.D
Acq On : 07/30/09 08:19
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 10:56
Qt Upd On: 07/30/09 10:53
Methyl-t-butyl ether
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M43969.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/27/2009 8:28:00 A Method: EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluorobenzene | 1 | 0 | I | 4.37 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Chlorodifluoromethane | 1 | 0 | | 1.27 | 19.80 | | | | 0.456 | | | |
| Dichlorodifluoromethane | 1 | 0 | | 1.26 | 18.48 | 20 | | | 0.237 | 0.239 | 7.60 | |
| Chloromethane | 1 | 0 | CP | 1.39 | 23.50 | 20 | 0.1 | | 0.262 | 0.308 | 17.50 | |
| Bromomethane | 1 | 0 | | 1.69 | 20.25 | 20 | | | 0.173 | 0.175 | 1.25 | |
| Vinyl Chloride | 1 | 0 | CC | 1.46 | 20.83 | 20 | 20 | | 0.221 | 0.230 | 4.15 | |
| Chloroethane | 1 | 0 | | 1.76 | 20.71 | 20 | | | 0.126 | 0.135 | 3.55 | |
| Trichlorofluoromethane | 1 | 0 | | 1.94 | 19.85 | 20 | | | 0.336 | 0.335 | 0.75 | |
| 1.1.2-Trichloro-1.2.2-trifluoroetha | 1 | 0 | | 2.30 | 23.14 | 20 | | | 0.154 | 0.182 | 15.70 | |
| Methylene Chloride | 1 | 0 | | 2.63 | 21.62 | 20 | | | 0.181 | 0.196 | 8.10 | |
| Acrolein | 1 | 0 | | 2.22 | 91.25 | 100 | | | 0.036 | 0.033 | 8.75 | |
| Acrylonitrile | 1 | 0 | | 2.81 | 18.34 | 20 | | | 0.077 | 0.070 | 8.30 | |
| Iodomethane | 1 | 0 | | 2.41 | 20.52 | 20 | | | 0.377 | 0.387 | 2.60 | |
| Acetone | 1 | 0 | | 2.32 | 84.40 | 100 | | | 0.079 | 0.069 | 15.60 | |
| Carbon Disulfide | 1 | 0 | | 2.47 | 20.03 | 20 | | | 0.520 | 0.521 | 0.15 | |
| t-Butyl Alcohol | 1 | 0 | | 2.71 | 62.31 | 100 | | | 0.022 | 0.014 | 37.69 | |
| n-Hexane | 1 | 0 | | 3.04 | 17.44 | 20 | | | 0.124 | 0.119 | 12.80 | |
| Di-isopropyl-ether | 1 | 0 | | 3.20 | 18.07 | 20 | | | 0.955 | 0.863 | 9.65 | |
| 1.1-Dichloroethene | 1 | 0 | CC | 2.30 | 22.63 | 20 | 20 | | 0.283 | 0.320 | 13.15 | |
| Methyl Acetate | 1 | 0 | | 2.56 | 18.90 | 20 | | | 0.213 | 0.198 | 5.50 | |
| Methyl-t-butyl ether | 1 | 0 | | 2.84 | 16.72 | 20 | | | 0.703 | 0.588 | 16.40 | |
| 1.1-Dichloroethane | 1 | 0 | CP | 3.15 | 21.14 | 20 | 0.1 | | 0.369 | 0.390 | 5.70 | |
| trans-1.2-Dichloroethene | 1 | 0 | | 2.85 | 22.28 | 20 | | | 0.164 | 0.183 | 11.40 | |
| cis-1.2-Dichloroethene | 1 | 0 | | 3.60 | 19.27 | 20 | | | 0.348 | 0.337 | 3.65 | |
| Bromochloromethane | 1 | 0 | | 3.78 | 20.02 | 20 | | | 0.207 | 0.207 | 0.10 | |
| 2.2-Dichloropropane | 1 | 0 | | 3.60 | 17.07 | 20 | | | 0.322 | 0.275 | 14.65 | |
| 1.4-Dioxane | 1 | 0 | | 4.75 | 866.75 | 1000 | | | 0.003 | 0.003 | 13.33 | |
| 1.1-Dichloropropene | 1 | 0 | | 4.08 | 22.17 | 20 | | | 0.294 | 0.322 | 10.85 | |
| Chloroform | 1 | 0 | CC | 3.83 | 21.81 | 20 | 20 | | 0.442 | 0.482 | 9.05 | |
| Dibromofluoromethane | 1 | 0 | S | 3.95 | 33.09 | 30 | | | 0.286 | 0.315 | 10.30 | |
| Cyclohexane | 1 | 0 | | 4.01 | 19.28 | 20 | | | 0.301 | 0.306 | 3.60 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | S | 4.17 | 32.69 | 30 | | | 0.152 | 0.165 | 8.97 | |
| 1.2-Dichloroethane | 1 | 0 | | 4.21 | 18.59 | 20 | | | 0.338 | 0.392 | 7.05 | |
| 2-Butanone | 1 | 0 | | 3.61 | 16.24 | 20 | | | 0.134 | 0.109 | 18.80 | |
| 1.1.1-Trichloroethane | 1 | 0 | | 3.97 | 20.07 | 20 | | | 0.380 | 0.381 | 0.35 | |
| Carbon Tetrachloride | 1 | 0 | | 4.09 | 16.70 | 20 | | | 0.312 | 0.341 | 16.50 | |
| Vinyl Acetate | 1 | 0 | | 3.19 | 18.14 | 20 | | | 0.963 | 0.873 | 9.30 | |
| Bromodichloromethane | 1 | 0 | | 4.82 | 19.87 | 20 | | | 0.374 | 0.371 | 0.65 | |
| Methylcyclohexane | 1 | 0 | | 4.67 | 20.45 | 20 | | | 0.194 | 0.196 | 2.25 | |
| Dibromomethane | 1 | 0 | | 4.75 | 24.57 | 20 | | | 0.221 | 0.271 | 22.85 | |
| 1.2-Dichloropropane | 1 | 0 | CC | 4.68 | 18.54 | 20 | 20 | | 0.253 | 0.235 | 7.30 | |
| Trichloroethene | 1 | 0 | | 4.57 | 20.68 | 20 | | | 0.247 | 0.255 | 3.40 | |
| Benzene | 1 | 0 | | 4.21 | 16.84 | 20 | | | 0.849 | 0.886 | 15.80 | |
| tert-Amyl methyl ether | 1 | 0 | | 0.00 | 0.00 | 20 | | | 0.536 | 0.000 | 100.00 | |
| Chlorobenzene-d5 | 1 | 0 | I | 5.92 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Dibromochloromethane | 1 | 0 | | 5.63 | 17.75 | 20 | | | 0.463 | 0.411 | 11.25 | |
| 2-Chloroethylvinylether | 1 | 0 | | 4.97 | 12.16 | 20 | | | 0.226 | 0.157 | 39.20 | |
| cis-1.3-Dichloropropene | 1 | 0 | | 5.05 | 15.82 | 20 | | | 0.569 | 0.511 | 20.90 | |
| trans-1.3-Dichloropropene | 1 | 0 | | 5.32 | 14.37 | 20 | | | 0.520 | 0.438 | 28.15 | |
| 1.1.2-Trichloroethane | 1 | 0 | | 5.42 | 16.73 | 20 | | | 0.336 | 0.301 | 16.35 | |
| 1.2-Dibromoethane | 1 | 0 | | 5.69 | 17.07 | 20 | | | 0.380 | 0.354 | 14.65 | |
| 1.3-Dichloropropane | 1 | 0 | | 5.51 | 19.40 | 20 | | | 0.541 | 0.525 | 3.00 | |
| 4-Methyl-2-Pentanone | 1 | 0 | | 5.11 | 14.33 | 20 | | | 0.497 | 0.356 | 28.35 | |
| 2-Hexanone | 1 | 0 | | 5.54 | 12.57 | 20 | | | 0.292 | 0.221 | 37.15 | |
| Tetrachloroethene | 1 | 0 | | 5.51 | 22.83 | 20 | | | 0.289 | 0.342 | 14.15 | |
| Toluene-d8 | 1 | 0 | S | 5.19 | 29.40 | 30 | | | 1.407 | 1.379 | 2.00 | |
| Toluene | 1 | 0 | CC | 5.22 | 17.87 | 20 | 20 | | 0.845 | 0.755 | 10.65 | |
| 1.1.1.2-Tetrachloroethane | 1 | 0 | | 5.97 | 18.74 | 20 | | | 0.352 | 0.330 | 6.30 | |
| Chlorobenzene | 1 | 0 | CP | 5.94 | 19.26 | 20 | 0.3 | | 0.935 | 0.900 | 3.70 | |
| 1.4-Dichlorobenzene-d4 | 1 | 0 | I | 7.14 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Bromoform | 1 | 0 | CP | 6.36 | 14.54 | 20 | 0.1 | | 0.728 | 0.618 | 27.30 | |
| Ethylbenzene | 1 | 0 | CC | 5.98 | 17.26 | 20 | 20 | | 0.750 | 0.648 | 13.70 | |
| 1.1.2.2-Tetrachloroethane | 1 | 0 | CP | 6.58 | 16.41 | 20 | 0.3 | | 0.929 | 0.763 | 17.95 | |
| Bromofluorobenzene | 1 | 0 | S | 6.52 | 28.77 | 30 | | | 1.039 | 0.997 | 4.10 | |
| Styrene | 1 | 0 | | 6.25 | 17.09 | 20 | | | 1.919 | 1.640 | 14.55 | |
| m&p-Xylenes | 1 | 0 | | 6.04 | 36.07 | 40 | | | 0.945 | 0.914 | 9.83 | |
| o-Xylene | 1 | 0 | | 6.25 | 17.90 | 20 | | | 1.025 | 0.917 | 10.50 | |
| trans-1.4-Dichloro-2-butene | 1 | 0 | | 6.61 | 16.74 | 20 | | | 0.233 | 0.209 | 16.30 | |
| 1.3-Dichlorobenzene | 1 | 0 | | 7.11 | 19.86 | 20 | | | 1.292 | 1.283 | 0.70 | |
| 1.4-Dichlorobenzene | 1 | 0 | | 7.15 | 18.34 | 20 | | | 1.460 | 1.339 | 8.30 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M43969.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/27/2009 8:28:00 A **Method:** EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.2-Dichlorobenzene | 1 | 0 | | 7.37 | 19.46 | 20 | | | 1.345 | 1.308 | 2.70 | |
| Isopropylbenzene | 1 | 0 | | 6.43 | 16.67 | 20 | | | 2.382 | 1.985 | 16.65 | |
| Cyclohexanone | 1 | 0 | | 6.49 | 52.53 | | | | 0.038 | | | |
| 1.2.3-Trichloropropane | 1 | 0 | | 6.61 | 16.24 | 20 | | | 1.112 | 0.903 | 18.80 | |
| 2-Chlorotoluene | 1 | 0 | | 6.71 | 18.31 | 20 | | | 1.920 | 1.758 | 8.45 | |
| p-Ethyltoluene | 1 | 0 | | 6.70 | 17.61 | | | | 2.221 | | | |
| 4-Chlorotoluene | 1 | 0 | | 6.76 | 16.60 | 20 | | | 1.923 | 1.596 | 17.00 | |
| n-Propylbenzene | 1 | 0 | | 6.65 | 17.79 | 20 | | | 2.606 | 2.318 | 11.05 | |
| Bromobenzene | 1 | 0 | | 6.61 | 15.96 | 20 | | | 1.654 | 1.320 | 20.20 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | | 6.73 | 17.50 | 20 | | | 2.047 | 1.791 | 12.50 | |
| t-Butylbenzene | 1 | 0 | | 6.91 | 17.86 | 20 | | | 1.632 | 1.467 | 10.70 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | | 6.94 | 18.08 | 20 | | | 2.036 | 1.840 | 9.60 | |
| sec-Butylbenzene | 1 | 0 | | 7.03 | 16.93 | 20 | | | 1.895 | 1.632 | 15.35 | |
| 4-Isopropyltoluene | 1 | 0 | | 7.11 | 17.11 | 20 | | | 1.591 | 1.402 | 14.45 | |
| n-Butylbenzene | 1 | 0 | | 7.33 | 17.77 | 20 | | | 1.767 | 1.570 | 11.15 | |
| p-Diethylbenzene | 1 | 0 | | 7.32 | 16.32 | | | | 0.912 | | | |
| 1.2.4.5-Tetramethylbenzene | 1 | 0 | | 7.76 | 15.48 | | | | 1.695 | | | |
| 1.2-Dibromo-3-Chloropropane | 1 | 0 | | 7.79 | 13.80 | 20 | | | 0.233 | 0.193 | 31.00 | |
| Hexachlorobutadiene | 1 | 0 | | 8.36 | 20.97 | 20 | | | 0.514 | 0.647 | 4.85 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | | 8.27 | 18.22 | 20 | | | 0.782 | 0.713 | 8.90 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | | 8.56 | 19.14 | 20 | | | 0.786 | 0.752 | 4.30 | |
| Naphthalene | 1 | 0 | | 8.42 | 15.43 | 20 | | | 2.340 | 1.805 | 22.85 | |
| 1.2-Dioxane | 1 | 100 | | 0.00 | 0.00 | 2000 | | | | 0.000 | 100.00 | |
| Freon 113 | 1 | 100 | | 0.00 | 0.00 | 20 | | | | 0.000 | 100.00 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB  Operator : WP  Qt Meth : 6M_A0720.M
Data File: 6M43969.D  Sam Mult : 1  Vial# : 5  Qt On : 07/27/09 08:39
Acq On : 07/27/09 08:28  Misc : A,5ML  Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 156597 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.921 | 117 | 108033 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.142 | 152 | 64252 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 49339 | 33.09 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 110.30% | | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 25860 | 32.69 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = 108.97% | | | |
| 56) Toluene-d8 | 5.186 | 98 | 149023 | 29.40 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 98.00% | | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 64049 | 28.77 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = 95.90% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 47070 | 19.80 | ug/l | 91 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 24981 | 18.48 | ug/l | 86 |
| 4) Chloromethane | 1.390 | 50 | 32149 | 23.50 | ug/l | 79 |
| 5) Bromomethane | 1.690 | 94 | 18277 | 20.25 | ug/l | 76 |
| 6) Vinyl Chloride | 1.459 | 62 | 24049 | 20.83 | ug/l | 91 |
| 7) Chloroethane | 1.759 | 64 | 14110 | 20.71 | ug/l | 89 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 34955 | 19.85 | ug/l | 88 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 18974 | 23.14 | ug/l | 95 |
| 10) Methylene Chloride | 2.635 | 84 | 20440 | 21.62 | ug/l | 63 |
| 11) Acrolein | 2.219 | 56 | 17090 | 91.25 | ug/l | 100 |
| 12) Acrylonitrile | 2.809 | 53 | 7330 | 18.34 | ug/l | 88 |
| 13) Iodomethane | 2.406 | 142 | 40361 | 20.52 | ug/l | 94 |
| 14) Acetone | 2.322 | 43 | 35903 | 84.40 | ug/l | 89 |
| 15) Carbon Disulfide | 2.466 | 76 | 54411 | 20.03 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 7315 | 62.31 | ug/l | 89 |
| 17) n-Hexane | 3.044 | 57 | 12421 | 17.44 | ug/l | 94 |
| 18) Di-isopropyl-ether | 3.200 | 45 | 90087 | 18.07 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.298 | 61 | 33411 | 22.63 | ug/l | 97 |
| 20) Methyl Acetate | 2.556 | 43 | 20630 | 18.90 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.839 | 73 | 61390 | 16.72 | ug/l | 99 |
| 22) 1,1-Dichloroethane | 3.152 | 63 | 40741 | 21.14 | ug/l | 92 |
| 23) trans-1,2-Dichloroethene | 2.845 | 96 | 19089 | 22.28 | ug/l | 73 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 35164 | 19.27 | ug/l | 85 |
| 25) Bromochloromethane | 3.778 | 49 | 21601 | 20.02 | ug/l | 84 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 28673 | 17.07 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.753 | 88 | 15244 | 866.75 | ug/l | 84 |
| 28) 1,1-Dichloropropene | 4.079 | 75 | 33655 | 22.17 | ug/l | 98 |
| 29) Chloroform | 3.832 | 83 | 50283 | 21.81 | ug/l | 93 |
| 31) Cyclohexane | 4.013 | 56 | 31902 | 19.28 | ug/l | 90 |
| 33) 1,2-Dichloroethane | 4.211 | 62 | 40873 | 18.59 | ug/l | 97 |
| 34) 2-Butanone | 3.610 | 43 | 11343 | 16.24 | ug/l | 98 |
| 35) 1,1,1-Trichloroethane | 3.971 | 97 | 39757 | 20.07 | ug/l | 92 |
| 36) Carbon Tetrachloride | 4.085 | 117 | 35579 | 16.70 | ug/l | 95 |
| 37) Vinyl Acetate | 3.194 | 43 | 91147 | 18.14 | ug/l | 100 |
| 38) Bromodichloromethane | 4.819 | 83 | 38779 | 19.87 | ug/l | 93 |
| 39) Methylcyclohexane | 4.675 | 83 | 20514 | 20.45 | ug/l | 90 |
| 40) Dibromomethane | 4.747 | 174 | 28335 | 24.57 | ug/l | 92 |
| 41) 1,2-Dichloropropane | 4.681 | 63 | 24527 | 18.54 | ug/l | 98 |
| 42) Trichloroethene | 4.573 | 130 | 26615 | 20.68 | ug/l | 88 |
| 43) Benzene | 4.211 | 78 | 92546 | 16.84 | ug/l | 100 |
| 46) Dibromochloromethane | 5.626 | 129 | 29575 | 17.75 | ug/l | 94 |
| 47) 2-Chloroethylvinylether | 4.970 | 63 | 11320 | 12.16 | ug/l | 85 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 36813 | 15.82 | ug/l | 83 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 31552 | 14.37 | ug/l | 86 |
| 50) 1,1,2-Trichloroethane | 5.415 | 97 | 21652 | 16.73 | ug/l | 83 |
| 51) 1,2-Dibromoethane | 5.692 | 107 | 25523 | 17.07 | ug/l | 94 |
| 52) 1,3-Dichloropropane | 5.505 | 76 | 37815 | 19.40 | ug/l | 95 |
| 53) 4-Methyl-2-Pentanone | 5.114 | 43 | 25628 | 14.33 | ug/l | 88 |
| 54) 2-Hexanone | 5.536 | 43 | 15925 | 12.57 | ug/l | 84 |
| 55) Tetrachloroethene | 5.505 | 164 | 24598 | 22.83 | ug/l | 91 |
| 57) Toluene | 5.223 | 92 | 54385 | 17.87 | ug/l | 99 |
| 58) 1,1,1,2-Tetrachloroethane | 5.969 | 133 | 23775 | 18.74 | ug/l | 68 |
| 59) Chlorobenzene | 5.939 | 112 | 64831 | 19.26 | ug/l | 98 |
| 61) Bromoform | 6.360 | 173 | 26472 | 14.54 | ug/l | 94 |
| 62) Ethylbenzene | 5.981 | 106 | 27736 | 17.26 | ug/l | 87 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 32671 | 16.41 | ug/l | 87 |
| 65) Styrene | 6.252 | 104 | 70229 | 17.09 | ug/l | 96 |
| 66) m&p-Xylenes | 6.041 | 106 | 78279 | 36.07 | ug/l | 89 |
| 67) o-Xylene | 6.246 | 106 | 39296 | 17.90 | ug/l | 84 |

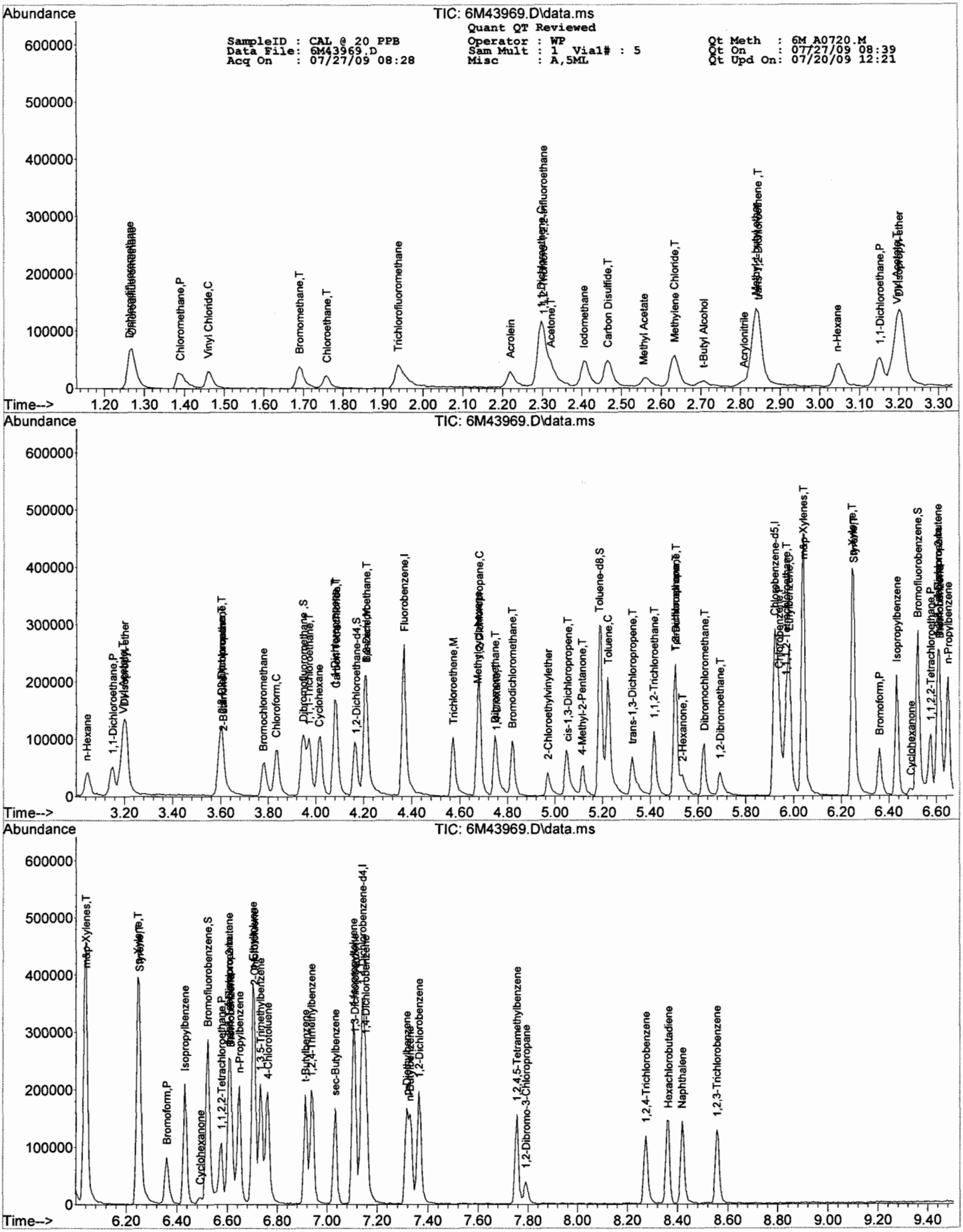
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M43969.D Sam Mult : 1 Vial# : 5 Qt On : 07/27/09 08:39
Acq On : 07/27/09 08:28 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 8967 | 16.74 ug/l | 49 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 54945 | 19.86 ug/l | 85 |
| 70) 1,4-Dichlorobenzene | 7.154 | 146 | 57336 | 18.34 ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.365 | 146 | 56035 | 19.46 ug/l | 86 |
| 72) Isopropylbenzene | 6.432 | 105 | 85025 | 16.67 ug/l | 95 |
| 73) Cyclohexanone | 6.492 | 55 | 4237 | 52.53 ug/l | 82 |
| 74) 1,2,3-Trichloropropane | 6.607 | 75 | 38668 | 16.24 ug/l | 92 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 75317 | 18.31 ug/l | 95 |
| 76) p-Ethyltoluene | 6.703 | 105 | 86147 | 17.61 ug/l | 79 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 68376 | 16.60 ug/l | 89 |
| 78) n-Propylbenzene | 6.649 | 91 | 99278 | 17.79 ug/l | 98 |
| 79) Bromobenzene | 6.613 | 77 | 56546 | 15.96 ug/l | 79 |
| 80) 1,3,5-Trimethylbenzene | 6.733 | 105 | 76697 | 17.50 ug/l | 93 |
| 81) t-Butylbenzene | 6.914 | 119 | 62824 | 17.86 ug/l | 84 |
| 82) 1,2,4-Trimethylbenzene | 6.938 | 105 | 78815 | 18.08 ug/l | 92 |
| 83) sec-Butylbenzene | 7.034 | 105 | 69896 | 16.93 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 60064 | 17.11 ug/l | 92 |
| 85) n-Butylbenzene | 7.329 | 91 | 67229 | 17.77 ug/l | 79 |
| 86) p-Diethylbenzene | 7.317 | 119 | 32939 | 16.32 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 56221 | 15.48 ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.792 | 157 | 8277 | 13.80 ug/l | 66 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 27704 | 20.97 ug/l | 98 |
| 90) 1,2,4-Trichlorobenzene | 8.274 | 180 | 30533 | 18.22 ug/l | 92 |
| 91) 1,2,3-Trichlorobenzene | 8.557 | 180 | 32233 | 19.14 ug/l | 93 |
| 92) Naphthalene | 8.418 | 128 | 77320 | 15.43 ug/l | 100 |

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


Abundance
TIC: 6M43969.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M43969.D
Acq On : 07/27/09 08:28
Operator : WP
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/27/09 08:39
Qt Upd On: 07/20/09 12:21
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Abundance
TIC: 6M43969.D\data.ms
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Abundance
TIC: 6M43969.D\data.ms
Time-->
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44089.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/29/2009 8:16:00 A Method: EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluorobenzene | 1 | 0 | I | 4.37 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Chlorodifluoromethane | 1 | 0 | | 1.27 | 23.20 | | | | 0.456 | | | |
| Dichlorodifluoromethane | 1 | 0 | | 1.26 | 22.45 | 20 | | | 0.237 | 0.291 | 12.25 | |
| Chloromethane | 1 | 0 | CP | 1.39 | 19.79 | 20 | 0.1 | | 0.262 | 0.259 | 1.05 | |
| Bromomethane | 1 | 0 | | 1.70 | 22.41 | 20 | | | 0.173 | 0.194 | 12.05 | |
| Vinyl Chloride | 1 | 0 | CC | 1.46 | 23.52 | 20 | 20 | | 0.221 | 0.260 | 17.60 | |
| Chloroethane | 1 | 0 | | 1.76 | 20.29 | 20 | | | 0.126 | 0.132 | 1.45 | |
| Trichlorofluoromethane | 1 | 0 | | 1.94 | 20.98 | 20 | | | 0.336 | 0.354 | 4.90 | |
| 1.1.2-Trichloro-1.2.2-trifluoroetha | 1 | 0 | | 2.30 | 22.71 | 20 | | | 0.154 | 0.178 | 13.55 | |
| Methylene Chloride | 1 | 0 | | 2.63 | 19.21 | 20 | | | 0.181 | 0.174 | 3.95 | |
| Acrolein | 1 | 0 | | 2.22 | 92.29 | 100 | | | 0.036 | 0.033 | 7.71 | |
| Acrylonitrile | 1 | 0 | | 2.82 | 19.13 | 20 | | | 0.077 | 0.073 | 4.35 | |
| Iodomethane | 1 | 0 | | 2.41 | 19.47 | 20 | | | 0.377 | 0.367 | 2.65 | |
| Acetone | 1 | 0 | | 2.32 | 94.05 | 100 | | | 0.079 | 0.075 | 5.95 | |
| Carbon Disulfide | 1 | 0 | | 2.47 | 18.78 | 20 | | | 0.520 | 0.489 | 6.10 | |
| t-Butyl Alcohol | 1 | 0 | | 2.71 | 70.83 | 100 | | | 0.022 | 0.016 | 29.17 | |
| n-Hexane | 1 | 0 | | 3.05 | 17.78 | 20 | | | 0.124 | 0.121 | 11.10 | |
| Di-isopropyl-ether | 1 | 0 | | 3.21 | 17.86 | 20 | | | 0.955 | 0.853 | 10.70 | |
| 1.1-Dichloroethene | 1 | 0 | CC | 2.30 | 18.65 | 20 | 20 | | 0.283 | 0.264 | 6.75 | |
| Methyl Acetate | 1 | 0 | | 2.56 | 17.37 | 20 | | | 0.213 | 0.184 | 13.15 | |
| Methyl-t-butyl ether | 1 | 0 | | 2.84 | 15.51 | 20 | | | 0.703 | 0.546 | 22.45 | |
| 1.1-Dichloroethane | 1 | 0 | CP | 3.15 | 19.86 | 20 | 0.1 | | 0.369 | 0.367 | 0.70 | |
| trans-1.2-Dichloroethene | 1 | 0 | | 2.85 | 18.12 | 20 | | | 0.164 | 0.149 | 9.40 | |
| cis-1.2-Dichloroethene | 1 | 0 | | 3.60 | 20.08 | 20 | | | 0.348 | 0.351 | 0.40 | |
| Bromochloromethane | 1 | 0 | | 3.78 | 18.15 | 20 | | | 0.207 | 0.188 | 9.25 | |
| 2.2-Dichloropropane | 1 | 0 | | 3.60 | 19.81 | 20 | | | 0.322 | 0.319 | 0.95 | |
| 1.4-Dioxane | 1 | 0 | | 4.75 | 944.56 | 1000 | | | 0.003 | 0.003 | 5.54 | |
| 1.1-Dichloropropene | 1 | 0 | | 4.08 | 19.01 | 20 | | | 0.294 | 0.276 | 4.95 | |
| Chloroform | 1 | 0 | CC | 3.84 | 21.06 | 20 | 20 | | 0.442 | 0.465 | 5.30 | |
| Dibromofluoromethane | 1 | 0 | S | 3.95 | 33.73 | 30 | | | 0.286 | 0.321 | 12.43 | |
| Cyclohexane | 1 | 0 | | 4.02 | 17.53 | 20 | | | 0.301 | 0.278 | 12.35 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | S | 4.16 | 32.79 | 30 | | | 0.152 | 0.166 | 9.30 | |
| 1.2-Dichloroethane | 1 | 0 | | 4.21 | 18.04 | 20 | | | 0.338 | 0.383 | 9.80 | |
| 2-Butanone | 1 | 0 | | 3.62 | 18.17 | 20 | | | 0.134 | 0.122 | 9.15 | |
| 1.1.1-Trichloroethane | 1 | 0 | | 3.97 | 18.68 | 20 | | | 0.380 | 0.354 | 6.60 | |
| Carbon Tetrachloride | 1 | 0 | | 4.09 | 15.04 | 20 | | | 0.312 | 0.316 | 24.80 | |
| Vinyl Acetate | 1 | 0 | | 3.20 | 17.71 | 20 | | | 0.963 | 0.852 | 11.45 | |
| Bromodichloromethane | 1 | 0 | | 4.82 | 20.10 | 20 | | | 0.374 | 0.376 | 0.50 | |
| Methylcyclohexane | 1 | 0 | | 4.68 | 18.17 | 20 | | | 0.194 | 0.175 | 9.15 | |
| Dibromomethane | 1 | 0 | | 4.75 | 23.91 | 20 | | | 0.221 | 0.264 | 19.55 | |
| 1.2-Dichloropropane | 1 | 0 | CC | 4.68 | 18.24 | 20 | 20 | | 0.253 | 0.231 | 8.80 | |
| Trichloroethene | 1 | 0 | | 4.57 | 18.64 | 20 | | | 0.247 | 0.230 | 6.80 | |
| Benzene | 1 | 0 | | 4.21 | 15.32 | 20 | | | 0.849 | 0.826 | 23.40 | |
| tert-Amyl methyl ether | 1 | 0 | | 4.27 | 21.06 | 20 | | | 0.536 | 0.565 | 5.30 | |
| Chlorobenzene-d5 | 1 | 0 | I | 5.92 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Dibromochloromethane | 1 | 0 | | 5.63 | 20.25 | 20 | | | 0.463 | 0.469 | 1.25 | |
| 2-Chloroethylvinylether | 1 | 0 | | 4.98 | 11.60 | 20 | | | 0.226 | 0.150 | 42.00 | |
| cis-1.3-Dichloropropene | 1 | 0 | | 5.05 | 15.01 | 20 | | | 0.569 | 0.485 | 24.95 | |
| trans-1.3-Dichloropropene | 1 | 0 | | 5.33 | 15.29 | 20 | | | 0.520 | 0.466 | 23.55 | |
| 1.1.2-Trichloroethane | 1 | 0 | | 5.42 | 18.51 | 20 | | | 0.336 | 0.333 | 7.45 | |
| 1.2-Dibromoethane | 1 | 0 | | 5.69 | 17.56 | 20 | | | 0.380 | 0.365 | 12.20 | |
| 1.3-Dichloropropane | 1 | 0 | | 5.51 | 19.82 | 20 | | | 0.541 | 0.536 | 0.90 | |
| 4-Methyl-2-Pentanone | 1 | 0 | | 5.12 | 13.21 | 20 | | | 0.497 | 0.328 | 33.95 | |
| 2-Hexanone | 1 | 0 | | 5.54 | 11.18 | 20 | | | 0.292 | 0.197 | 44.10 | |
| Tetrachloroethene | 1 | 0 | | 5.51 | 21.34 | 20 | | | 0.289 | 0.319 | 6.70 | |
| Toluene-d8 | 1 | 0 | S | 5.19 | 29.00 | 30 | | | 1.407 | 1.360 | 3.33 | |
| Toluene | 1 | 0 | CC | 5.22 | 17.03 | 20 | 20 | | 0.845 | 0.720 | 14.85 | |
| 1.1.1.2-Tetrachloroethane | 1 | 0 | | 5.97 | 21.48 | 20 | | | 0.352 | 0.378 | 7.40 | |
| Chlorobenzene | 1 | 0 | CP | 5.94 | 19.23 | 20 | 0.3 | | 0.935 | 0.899 | 3.85 | |
| 1.4-Dichlorobenzene-d4 | 1 | 0 | I | 7.14 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Bromoform | 1 | 0 | CP | 6.36 | 16.20 | 20 | 0.1 | | 0.728 | 0.688 | 19.00 | |
| Ethylbenzene | 1 | 0 | CC | 5.99 | 16.61 | 20 | 20 | | 0.750 | 0.623 | 16.95 | |
| 1.1.2.2-Tetrachloroethane | 1 | 0 | CP | 6.58 | 16.94 | 20 | 0.3 | | 0.929 | 0.787 | 15.30 | |
| Bromofluorobenzene | 1 | 0 | S | 6.52 | 30.76 | 30 | | | 1.039 | 1.066 | 2.53 | |
| Styrene | 1 | 0 | | 6.25 | 17.84 | 20 | | | 1.919 | 1.712 | 10.80 | |
| m&p-Xylenes | 1 | 0 | | 6.04 | 37.26 | 40 | | | 0.945 | 0.944 | 6.85 | |
| o-Xylene | 1 | 0 | | 6.25 | 18.11 | 20 | | | 1.025 | 0.928 | 9.45 | |
| trans-1.4-Dichloro-2-butene | 1 | 0 | | 6.61 | 16.49 | 20 | | | 0.233 | 0.206 | 17.55 | |
| 1.3-Dichlorobenzene | 1 | 0 | | 7.11 | 21.03 | 20 | | | 1.292 | 1.359 | 5.15 | |
| 1.4-Dichlorobenzene | 1 | 0 | | 7.16 | 19.29 | 20 | | | 1.460 | 1.408 | 3.55 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44089.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/29/2009 8:16:00 A **Method:** EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.2-Dichlorobenzene | 1 | 0 | | 7.37 | 21.66 | 20 | | | 1.345 | 1.456 | 8.30 | |
| Isopropylbenzene | 1 | 0 | | 6.43 | 17.57 | 20 | | | 2.382 | 2.092 | 12.15 | |
| Cyclohexanone | 1 | 0 | | 6.49 | 66.12 | | | | 0.038 | | | |
| 1.2.3-Trichloropropane | 1 | 0 | | 6.61 | 17.49 | 20 | | | 1.112 | 0.973 | 12.55 | |
| 2-Chlorotoluene | 1 | 0 | | 6.71 | 21.88 | 20 | | | 1.920 | 2.101 | 9.40 | |
| p-Ethyltoluene | 1 | 0 | | 6.71 | 18.47 | | | | 2.221 | | | |
| 4-Chlorotoluene | 1 | 0 | | 6.76 | 18.68 | 20 | | | 1.923 | 1.795 | 6.60 | |
| n-Propylbenzene | 1 | 0 | | 6.65 | 18.58 | 20 | | | 2.606 | 2.421 | 7.10 | |
| Bromobenzene | 1 | 0 | | 6.61 | 19.16 | 20 | | | 1.654 | 1.584 | 4.20 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | | 6.73 | 19.33 | 20 | | | 2.047 | 1.978 | 3.35 | |
| t-Butylbenzene | 1 | 0 | | 6.92 | 18.39 | 20 | | | 1.632 | 1.510 | 8.05 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | | 6.94 | 19.62 | 20 | | | 2.036 | 1.997 | 1.90 | |
| sec-Butylbenzene | 1 | 0 | | 7.03 | 18.04 | 20 | | | 1.895 | 1.739 | 9.80 | |
| 4-Isopropyltoluene | 1 | 0 | | 7.11 | 18.62 | 20 | | | 1.591 | 1.525 | 6.90 | |
| n-Butylbenzene | 1 | 0 | | 7.34 | 18.72 | 20 | | | 1.767 | 1.654 | 6.40 | |
| p-Diethylbenzene | 1 | 0 | | 7.32 | 17.65 | | | | 0.912 | | | |
| 1.2.4.5-Tetramethylbenzene | 1 | 0 | | 7.76 | 16.28 | | | | 1.695 | | | |
| 1.2-Dibromo-3-Chloropropane | 1 | 0 | | 7.79 | 15.11 | 20 | | | 0.233 | 0.212 | 24.45 | |
| Hexachlorobutadiene | 1 | 0 | | 8.36 | 22.98 | 20 | | | 0.514 | 0.708 | 14.90 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | | 8.27 | 18.82 | 20 | | | 0.782 | 0.736 | 5.90 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | | 8.56 | 20.93 | 20 | | | 0.786 | 0.823 | 4.65 | |
| Naphthalene | 1 | 0 | | 8.42 | 15.16 | 20 | | | 2.340 | 1.774 | 24.20 | |
| 1.2-Dioxane | 1 | 100 | | 0.00 | 0.00 | 2000 | | | | 0.000 | 100.00 | |
| Freon 113 | 1 | 100 | | 0.00 | 0.00 | 20 | | | | 0.000 | 100.00 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB  Operator : WP  Qt Meth : 6M_A0720.M
Data File: 6M44089.D  Sam Mult : 1  Vial# : 5  Qt On : 07/29/09 08:44
Acq On : 07/29/09 08:16  Misc : A,5ML  Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 148900 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.921 | 117 | 99641 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 57611 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 47809 | 33.73 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 112.43% | | |
| 32) 1,2-Dichloroethane-d4 | 4.163 | 67 | 24664 | 32.79 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 109.30% | | |
| 56) Toluene-d8 | 5.193 | 98 | 135545 | 29.00 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.67% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 61411 | 30.76 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.53% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.268 | 51 | 52443 | 23.20 | ug/l | 93 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 28858 | 22.45 | ug/l | 89 |
| 4) Chloromethane | 1.389 | 50 | 25747 | 19.79 | ug/l | 91 |
| 5) Bromomethane | 1.695 | 94 | 19239 | 22.41 | ug/l | 86 |
| 6) Vinyl Chloride | 1.459 | 62 | 25824 | 23.52 | ug/l | 89 |
| 7) Chloroethane | 1.758 | 64 | 13141 | 20.29 | ug/l | 85 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 35132 | 20.98 | ug/l | 83 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.298 | 101 | 17706 | 22.71 | ug/l | 95 |
| 10) Methylene Chloride | 2.635 | 84 | 17274 | 19.21 | ug/l | 75 |
| 11) Acrolein | 2.220 | 56 | 16435 | 92.29 | ug/l | 92 |
| 12) Acrylonitrile | 2.815 | 53 | 7270 | 19.13 | ug/l | 84 |
| 13) Iodomethane | 2.412 | 142 | 36419 | 19.47 | ug/l | 91 |
| 14) Acetone | 2.322 | 43 | 37167 | 94.05 | ug/l | 99 |
| 15) Carbon Disulfide | 2.472 | 76 | 48521 | 18.78 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 7907 | 70.83 | ug/l | 97 |
| 17) n-Hexane | 3.050 | 57 | 12041 | 17.78 | ug/l | 86 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 84673 | 17.86 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 26179 | 18.65 | ug/l | 99 |
| 20) Methyl Acetate | 2.563 | 43 | 18216 | 17.37 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.839 | 73 | 54159 | 15.51 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.152 | 63 | 36395 | 19.86 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.845 | 96 | 14761 | 18.12 | ug/l | 85 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 34846 | 20.08 | ug/l | 85 |
| 25) Bromochloromethane | 3.784 | 49 | 18625 | 18.15 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 31649 | 19.81 | ug/l | 99 |
| 27) 1,4-Dioxane | 4.753 | 88 | 15796 | 944.56 | ug/l | 71 |
| 28) 1,1-Dichloropropene | 4.079 | 75 | 27438 | 19.01 | ug/l | 93 |
| 29) Chloroform | 3.838 | 83 | 46167 | 21.06 | ug/l | 91 |
| 31) Cyclohexane | 4.019 | 56 | 27586 | 17.53 | ug/l | 96 |
| 33) 1,2-Dichloroethane | 4.212 | 62 | 38011 | 18.04 | ug/l | 86 |
| 34) 2-Butanone | 3.622 | 43 | 12066 | 18.17 | ug/l | 76 |
| 35) 1,1,1-Trichloroethane | 3.971 | 97 | 35176 | 18.68 | ug/l | 98 |
| 36) Carbon Tetrachloride | 4.085 | 117 | 31392 | 15.04 | ug/l | 99 |
| 37) Vinyl Acetate | 3.201 | 43 | 84616 | 17.71 | ug/l | 100 |
| 38) Bromodichloromethane | 4.819 | 83 | 37313 | 20.10 | ug/l | 97 |
| 39) Methylcyclohexane | 4.681 | 83 | 17336 | 18.17 | ug/l | 93 |
| 40) Dibromomethane | 4.747 | 174 | 26224 | 23.91 | ug/l | 90 |
| 41) 1,2-Dichloropropane | 4.681 | 63 | 22945 | 18.24 | ug/l | 99 |
| 42) Trichloroethene | 4.573 | 130 | 22817 | 18.64 | ug/l | 88 |
| 43) Benzene | 4.212 | 78 | 82031 | 15.32 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 56070 | 21.06 | ug/l | 93 |
| 46) Dibromochloromethane | 5.626 | 129 | 31128 | 20.25 | ug/l | 98 |
| 47) 2-Chloroethylvinylether | 4.976 | 63 | 9959 | 11.60 | ug/l | 81 |
| 48) cis-1,3-Dichloropropene | 5.048 | 75 | 32211 | 15.01 | ug/l | 94 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 30976 | 15.29 | ug/l | 90 |
| 50) 1,1,2-Trichloroethane | 5.415 | 97 | 22088 | 18.51 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.692 | 107 | 24217 | 17.56 | ug/l | 86 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 35630 | 19.82 | ug/l | 98 |
| 53) 4-Methyl-2-Pentanone | 5.120 | 43 | 21793 | 13.21 | ug/l | 93 |
| 54) 2-Hexanone | 5.536 | 43 | 13060 | 11.18 | ug/l | 95 |
| 55) Tetrachloroethene | 5.506 | 164 | 21203 | 21.34 | ug/l | 97 |
| 57) Toluene | 5.223 | 92 | 47810 | 17.03 | ug/l | 91 |
| 58) 1,1,1,2-Tetrachloroethane | 5.969 | 133 | 25132 | 21.48 | ug/l | 85 |
| 59) Chlorobenzene | 5.939 | 112 | 59714 | 19.23 | ug/l | 97 |
| 61) Bromoform | 6.360 | 173 | 26440 | 16.20 | ug/l | 99 |
| 62) Ethylbenzene | 5.987 | 106 | 23944 | 16.61 | ug/l | 86 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 30240 | 16.94 | ug/l | 96 |
| 65) Styrene | 6.252 | 104 | 65746 | 17.84 | ug/l | 94 |
| 66) m&p-Xylenes | 6.041 | 106 | 72518 | 37.26 | ug/l | 89 |

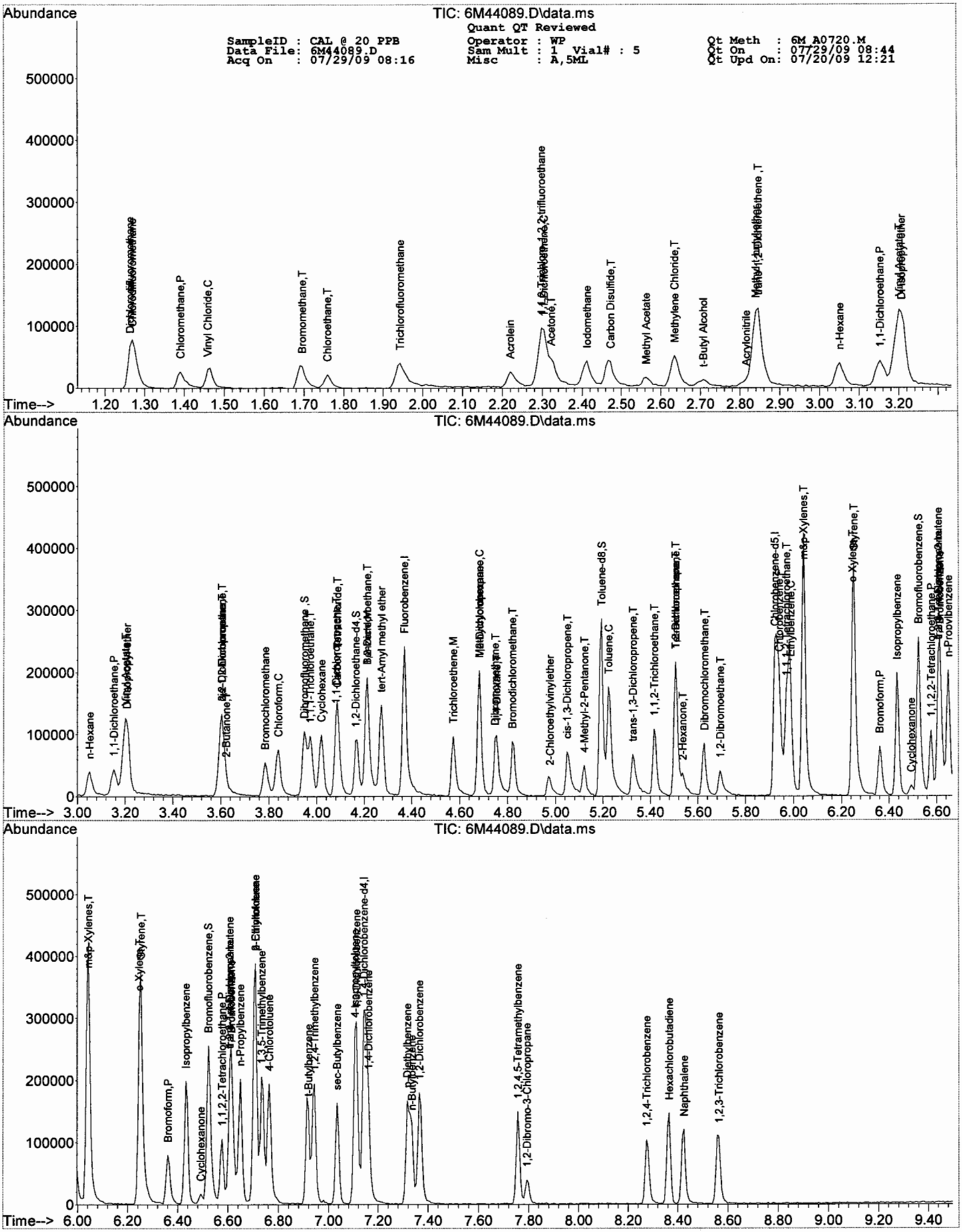
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44089.D Sam Mult : 1 Vial# : 5 Qt On : 07/29/09 08:44
Acq On : 07/29/09 08:16 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.246 | 106 | 35646 | 18.11 ug/l | 90 |
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 7920 | 16.49 ug/l | 62 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 52186 | 21.03 ug/l | 84 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 54093 | 19.29 ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.365 | 146 | 55936 | 21.66 ug/l | 84 |
| 72) Isopropylbenzene | 6.432 | 105 | 80362 | 17.57 ug/l | 96 |
| 73) Cyclohexanone | 6.493 | 55 | 4782 | 66.12 ug/l | 95 |
| 74) 1,2,3-Trichloropropane | 6.607 | 75 | 37353 | 17.49 ug/l | 93 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 80688 | 21.88 ug/l | 96 |
| 76) p-Ethyltoluene | 6.709 | 105 | 81046 | 18.47 ug/l | 82 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 68954 | 18.68 ug/l | 91 |
| 78) n-Propylbenzene | 6.649 | 91 | 92975 | 18.58 ug/l | 99 |
| 79) Bromobenzene | 6.613 | 77 | 60850 | 19.16 ug/l | 84 |
| 80) 1,3,5-Trimethylbenzene | 6.733 | 105 | 75982 | 19.33 ug/l | 92 |
| 81) t-Butylbenzene | 6.920 | 119 | 57997 | 18.39 ug/l | 87 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 76691 | 19.62 ug/l | 94 |
| 83) sec-Butylbenzene | 7.034 | 105 | 66790 | 18.04 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 58589 | 18.62 ug/l | 95 |
| 85) n-Butylbenzene | 7.335 | 91 | 63509 | 18.72 ug/l | 79 |
| 86) p-Diethylbenzene | 7.317 | 119 | 31944 | 17.65 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 52992 | 16.28 ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.793 | 157 | 8127 | 15.11 ug/l | 60 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 27192 | 22.98 ug/l | 99 |
| 90) 1,2,4-Trichlorobenzene | 8.274 | 180 | 28276 | 18.82 ug/l | 91 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 31599 | 20.93 ug/l | 93 |
| 92) Naphthalene | 8.425 | 128 | 68128 | 15.16 ug/l | 100 |

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


Abundance
TIC: 6M44089.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M44089.D
Acq On : 07/29/09 08:16
Operator : WP
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/29/09 08:44
Qt Upd On: 07/20/09 12:21
Time-->

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44184.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/30/2009 1:51:00 P **Method:** EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluorobenzene | 1 | 0 | I | 4.37 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Chlorodifluoromethane | 1 | 0 | | 1.28 | 21.67 | | | | 0.514 | | | |
| Dichlorodifluoromethane | 1 | 0 | | 1.26 | 17.70 | 20 | | | 0.286 | 0.256 | 11.50 | |
| Chloromethane | 1 | 0 | CP | 1.39 | 16.18 | 20 | 0.1 | | 0.288 | 0.233 | 19.10 | |
| Bromomethane | 1 | 0 | | 1.69 | 15.97 | 20 | | | 0.221 | 0.165 | 20.15 | |
| Vinyl Chloride | 1 | 0 | CC | 1.47 | 16.38 | 20 | 20 | | 0.289 | 0.237 | 18.10 | |
| Chloroethane | 1 | 0 | | 1.76 | 16.24 | 20 | | | 0.151 | 0.123 | 18.80 | |
| Trichlorofluoromethane | 1 | 0 | | 1.94 | 19.62 | 20 | | | 0.353 | 0.346 | 1.90 | |
| 1.1.2-Trichloro-1.2.2-trifluoroetha | 1 | 0 | | 2.30 | 20.85 | 20 | | | 0.169 | 0.189 | 4.25 | |
| Methylene Chloride | 1 | 0 | | 2.64 | 18.74 | 20 | | | 0.189 | 0.177 | 6.30 | |
| Acrolein | 1 | 0 | | 2.23 | 106.40 | 100 | | | 0.035 | 0.034 | 6.40 | |
| Acrylonitrile | 1 | 0 | | 2.82 | 20.17 | 20 | | | 0.075 | 0.072 | 0.85 | |
| Iodomethane | 1 | 0 | | 2.41 | 16.62 | 20 | | | 0.444 | 0.369 | 16.90 | |
| Acetone | 1 | 0 | | 2.33 | 86.87 | 100 | | | 0.087 | 0.072 | 13.13 | |
| Carbon Disulfide | 1 | 0 | | 2.47 | 16.24 | 20 | | | 0.555 | 0.451 | 18.80 | |
| t-Butyl Alcohol | 1 | 0 | | 2.71 | 103.79 | 100 | | | 0.019 | 0.020 | 3.79 | |
| n-Hexane | 1 | 0 | | 3.05 | 20.32 | 20 | | | 0.119 | 0.130 | 1.60 | |
| Di-isopropyl-ether | 1 | 0 | | 3.21 | 18.63 | 20 | | | 0.944 | 0.880 | 6.85 | |
| 1.1-Dichloroethene | 1 | 0 | CC | 2.30 | 18.29 | 20 | 20 | | 0.305 | 0.279 | 8.55 | |
| Methyl Acetate | 1 | 0 | | 2.56 | 17.88 | 20 | | | 0.210 | 0.188 | 10.60 | |
| Methyl-t-butyl ether | 1 | 0 | | 2.85 | 19.36 | 20 | | | 0.614 | 0.600 | 3.20 | |
| 1.1-Dichloroethane | 1 | 0 | CP | 3.15 | 17.15 | 20 | 0.1 | | 0.420 | 0.360 | 14.25 | |
| trans-1.2-Dichloroethene | 1 | 0 | | 2.85 | 17.72 | 20 | | | 0.188 | 0.159 | 11.40 | |
| cis-1.2-Dichloroethene | 1 | 0 | | 3.61 | 19.36 | 20 | | | 0.387 | 0.375 | 3.20 | |
| Bromochloromethane | 1 | 0 | | 3.79 | 19.06 | 20 | | | 0.211 | 0.201 | 4.70 | |
| 2.2-Dichloropropane | 1 | 0 | | 3.61 | 21.92 | 20 | | | 0.296 | 0.324 | 9.60 | |
| 1.4-Dioxane | 1 | 0 | | 4.75 | 1049.47 | 1000 | | | 0.003 | 0.003 | 4.95 | |
| 1.1-Dichloropropene | 1 | 0 | | 4.09 | 18.63 | 20 | | | 0.296 | 0.286 | 6.85 | |
| Chloroform | 1 | 0 | CC | 3.84 | 19.01 | 20 | 20 | | 0.510 | 0.485 | 4.95 | |
| Dibromofluoromethane | 1 | 0 | S | 3.95 | 31.65 | 30 | | | 0.322 | 0.340 | 5.50 | |
| Cyclohexane | 1 | 0 | | 4.02 | 18.39 | 20 | | | 0.307 | 0.304 | 8.05 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | S | 4.17 | 29.89 | 30 | | | 0.173 | 0.172 | 0.37 | |
| 1.2-Dichloroethane | 1 | 0 | | 4.22 | 18.99 | 20 | | | 0.388 | 0.386 | 5.05 | |
| 2-Butanone | 1 | 0 | | 3.62 | 21.10 | 20 | | | 0.136 | 0.143 | 5.50 | |
| 1.1.1-Trichloroethane | 1 | 0 | | 3.98 | 18.47 | 20 | | | 0.412 | 0.381 | 7.65 | |
| Carbon Tetrachloride | 1 | 0 | | 4.09 | 18.94 | 20 | | | 0.355 | 0.342 | 5.30 | |
| Vinyl Acetate | 1 | 0 | | 3.20 | 19.25 | 20 | | | 0.869 | 0.837 | 3.75 | |
| Bromodichloromethane | 1 | 0 | | 4.83 | 18.56 | 20 | | | 0.396 | 0.390 | 7.20 | |
| Methylcyclohexane | 1 | 0 | | 4.68 | 20.16 | 20 | | | 0.187 | 0.206 | 0.80 | |
| Dibromomethane | 1 | 0 | | 4.75 | 19.07 | 20 | | | 0.277 | 0.264 | 4.65 | |
| 1.2-Dichloropropane | 1 | 0 | CC | 4.69 | 19.52 | 20 | 20 | | 0.257 | 0.251 | 2.40 | |
| Trichloroethene | 1 | 0 | | 4.57 | 18.73 | 20 | | | 0.253 | 0.250 | 6.35 | |
| Benzene | 1 | 0 | | 4.21 | 17.89 | 20 | | | 0.842 | 0.815 | 10.55 | |
| tert-Amyl methyl ether | 1 | 0 | | 4.27 | 17.27 | 20 | | | 0.647 | 0.582 | 13.65 | |
| Chlorobenzene-d5 | 1 | 0 | I | 5.93 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Dibromochloromethane | 1 | 0 | | 5.63 | 20.42 | 20 | | | 0.494 | 0.504 | 2.10 | |
| 2-Chloroethylvinylether | 1 | 0 | | 4.98 | 13.85 | 20 | | | 0.191 | 0.163 | 30.75 | |
| cis-1.3-Dichloropropene | 1 | 0 | | 5.05 | 15.99 | 20 | | | 0.505 | 0.500 | 20.05 | |
| trans-1.3-Dichloropropene | 1 | 0 | | 5.33 | 15.60 | 20 | | | 0.483 | 0.467 | 22.00 | |
| 1.1.2-Trichloroethane | 1 | 0 | | 5.42 | 19.83 | 20 | | | 0.363 | 0.360 | 0.85 | |
| 1.2-Dibromoethane | 1 | 0 | | 5.69 | 20.25 | 20 | | | 0.390 | 0.395 | 1.25 | |
| 1.3-Dichloropropane | 1 | 0 | | 5.51 | 20.90 | 20 | | | 0.557 | 0.582 | 4.50 | |
| 4-Methyl-2-Pentanone | 1 | 0 | | 5.12 | 18.38 | 20 | | | 0.375 | 0.424 | 8.10 | |
| 2-Hexanone | 1 | 0 | | 5.54 | 16.74 | 20 | | | 0.247 | 0.256 | 16.30 | |
| Tetrachloroethene | 1 | 0 | | 5.51 | 21.27 | 20 | | | 0.331 | 0.352 | 6.35 | |
| Toluene-d8 | 1 | 0 | S | 5.19 | 30.04 | 30 | | | 1.378 | 1.379 | 0.13 | |
| Toluene | 1 | 0 | CC | 5.23 | 19.25 | 20 | 20 | | 0.809 | 0.779 | 3.75 | |
| 1.1.1.2-Tetrachloroethane | 1 | 0 | | 5.97 | 20.77 | 20 | | | 0.396 | 0.411 | 3.85 | |
| Chlorobenzene | 1 | 0 | CP | 5.94 | 19.87 | 20 | 0.3 | | 0.987 | 0.981 | 0.65 | |
| 1.4-Dichlorobenzene-d4 | 1 | 0 | I | 7.14 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Bromoform | 1 | 0 | CP | 6.36 | 18.87 | 20 | 0.1 | | 0.768 | 0.725 | 5.65 | |
| Ethylbenzene | 1 | 0 | CC | 5.99 | 19.21 | 20 | 20 | | 0.669 | 0.659 | 3.95 | |
| 1.1.2.2-Tetrachloroethane | 1 | 0 | CP | 6.58 | 20.75 | 20 | 0.3 | | 0.869 | 0.901 | 3.75 | |
| Bromofluorobenzene | 1 | 0 | S | 6.52 | 30.41 | 30 | | | 1.081 | 1.096 | 1.37 | |
| Styrene | 1 | 0 | | 6.25 | 23.09 | 20 | | | 1.673 | 1.812 | 15.45 | |
| m&p-Xylenes | 1 | 0 | | 6.04 | 50.55 | 40 | | | 0.840 | 1.018 | 26.38 | |
| o-Xylene | 1 | 0 | | 6.25 | 26.70 | 20 | | | 0.944 | 1.100 | 33.50 | |
| trans-1.4-Dichloro-2-butene | 1 | 0 | | 6.61 | 20.85 | 20 | | | 0.207 | 0.225 | 4.25 | |
| 1.3-Dichlorobenzene | 1 | 0 | | 7.11 | 21.67 | 20 | | | 1.295 | 1.404 | 8.35 | |
| 1.4-Dichlorobenzene | 1 | 0 | | 7.16 | 19.44 | 20 | | | 1.553 | 1.509 | 2.80 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44184.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/30/2009 1:51:00 P Method: EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.2-Dichlorobenzene | 1 | 0 | | 7.37 | 21.00 | 20 | | | 1.389 | 1.459 | 5.00 | |
| Isopropylbenzene | 1 | 0 | | 6.43 | 19.64 | 20 | | | 2.218 | 2.280 | 1.80 | |
| Cyclohexanone | 1 | 0 | | 6.49 | 97.56 | | | | 0.024 | | | |
| 1.2.3-Trichloropropane | 1 | 0 | | 6.61 | 19.39 | 20 | | | 1.042 | 1.010 | 3.05 | |
| 2-Chlorotoluene | 1 | 0 | | 6.71 | 21.81 | 20 | | | 2.027 | 2.211 | 9.05 | |
| p-Ethyltoluene | 1 | 0 | | 6.71 | 23.60 | | | | 1.949 | | | |
| 4-Chlorotoluene | 1 | 0 | | 6.76 | 19.96 | 20 | | | 1.844 | 1.840 | 0.20 | |
| n-Propylbenzene | 1 | 0 | | 6.65 | 21.31 | 20 | | | 2.482 | 2.645 | 6.55 | |
| Bromobenzene | 1 | 0 | | 6.61 | 21.08 | 20 | | | 1.542 | 1.625 | 5.40 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | | 6.73 | 21.32 | 20 | | | 2.000 | 2.133 | 6.60 | |
| t-Butylbenzene | 1 | 0 | | 6.91 | 21.18 | 20 | | | 1.495 | 1.705 | 5.90 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | | 6.94 | 21.48 | 20 | | | 1.916 | 2.084 | 7.40 | |
| sec-Butylbenzene | 1 | 0 | | 7.04 | 20.53 | 20 | | | 1.773 | 1.945 | 2.65 | |
| 4-Isopropyltoluene | 1 | 0 | | 7.11 | 24.90 | 20 | | | 1.419 | 1.705 | 24.50 | |
| n-Butylbenzene | 1 | 0 | | 7.34 | 21.20 | 20 | | | 1.555 | 1.783 | 6.00 | |
| p-Diethylbenzene | 1 | 0 | | 7.32 | 18.71 | | | | 0.823 | | | |
| 1.2.4.5-Tetramethylbenzene | 1 | 0 | | 7.76 | 18.55 | | | | 1.365 | | | |
| 1.2-Dibromo-3-Chloropropane | 1 | 0 | | 7.80 | 21.54 | 20 | | | 0.223 | 0.240 | 7.70 | |
| Hexachlorobutadiene | 1 | 0 | | 8.37 | 23.81 | 20 | | | 0.820 | 0.769 | 19.05 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | | 8.27 | 20.65 | 20 | | | 0.760 | 0.784 | 3.25 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | | 8.56 | 20.66 | 20 | | | 0.847 | 0.811 | 3.30 | |
| Naphthalene | 1 | 0 | | 8.43 | 18.05 | 20 | | | 1.836 | 1.927 | 9.75 | |
| 1.2-Dioxane | 1 | 100 | | 0.00 | 0.00 | 2000 | | | | 0.000 | 100.00 | |
| Freon 113 | 1 | 100 | | 0.00 | 0.00 | 20 | | | | 0.000 | 100.00 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M44184.D
Acq On : 07/30/09 13:51

Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML

Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:37
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 146794 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 95279 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 56395 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 49896 | 31.65 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.50% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25272 | 29.89 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.63% | | |
| 56) Toluene-d8 | 5.193 | 98 | 131427 | 30.04 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.13% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 61824 | 30.41 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.37% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.276 | 51 | 54477 | 21.67 | ug/l | 81 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 25004 | 17.70 | ug/l | 79 |
| 4) Chloromethane | 1.391 | 50 | 22795 | 16.18 | ug/l | 90 |
| 5) Bromomethane | 1.691 | 94 | 16157 | 15.97 | ug/l | 71 |
| 6) Vinyl Chloride | 1.466 | 62 | 23147 | 16.38 | ug/l | 99 |
| 7) Chloroethane | 1.760 | 64 | 11989 | 16.24 | ug/l | 95 |
| 8) Trichlorofluoromethane | 1.945 | 101 | 33903 | 19.62 | ug/l | 84 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 18490 | 20.85 | ug/l | 98 |
| 10) Methylene Chloride | 2.636 | 84 | 17367 | 18.74 | ug/l | 73 |
| 11) Acrolein | 2.226 | 56 | 16830 | 106.40 | ug/l | 87 |
| 12) Acrylonitrile | 2.816 | 53 | 7079 | 20.17 | ug/l | 90 |
| 13) Iodomethane | 2.413 | 142 | 36134 | 16.62 | ug/l | 94 |
| 14) Acetone | 2.329 | 43 | 35143 | 86.87 | ug/l | 90 |
| 15) Carbon Disulfide | 2.473 | 76 | 44141 | 16.24 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 9567 | 103.79 | ug/l | 94 |
| 17) n-Hexane | 3.051 | 57 | 12743 | 20.32 | ug/l | 83 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 86093 | 18.63 | ug/l | 100 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 27296 | 18.29 | ug/l | 94 |
| 20) Methyl Acetate | 2.563 | 43 | 18381 | 17.88 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 58724 | 19.36 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 35225 | 17.15 | ug/l | 94 |
| 23) trans-1,2-Dichloroethene | 2.852 | 96 | 15543 | 17.72 | ug/l | 87 |
| 24) cis-1,2-Dichloroethene | 3.611 | 61 | 36659 | 19.36 | ug/l | 92 |
| 25) Bromochloromethane | 3.785 | 49 | 19700 | 19.06 | ug/l | 92 |
| 26) 2,2-Dichloropropane | 3.611 | 77 | 31749 | 21.92 | ug/l | 98 |
| 27) 1,4-Dioxane | 4.754 | 88 | 15854 | 1049.47 | ug/l | 84 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 27989 | 18.63 | ug/l | 95 |
| 29) Chloroform | 3.839 | 83 | 47439 | 19.01 | ug/l | 87 |
| 31) Cyclohexane | 4.020 | 56 | 29767 | 18.39 | ug/l | 90 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 37823 | 18.99 | ug/l | 89 |
| 34) 2-Butanone | 3.623 | 43 | 14026 | 21.10 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 37251 | 18.47 | ug/l | 97 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 33488 | 18.94 | ug/l | 92 |
| 37) Vinyl Acetate | 3.201 | 43 | 81890 | 19.25 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 38202 | 18.56 | ug/l | 97 |
| 39) Methylcyclohexane | 4.682 | 83 | 20150 | 20.16 | ug/l | 88 |
| 40) Dibromomethane | 4.754 | 174 | 25844 | 19.07 | ug/l | 92 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 24525 | 19.52 | ug/l | 95 |
| 42) Trichloroethene | 4.574 | 130 | 24491 | 18.73 | ug/l | 97 |
| 43) Benzene | 4.212 | 78 | 79739 | 17.89 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 56934 | 17.27 | ug/l | 91 |
| 46) Dibromochloromethane | 5.627 | 129 | 32006 | 20.42 | ug/l | 94 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 10378 | 13.85 | ug/l | 80 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 31783 | 15.99 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 29681 | 15.60 | ug/l | 88 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 22879 | 19.83 | ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 25082 | 20.25 | ug/l | 98 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 36992 | 20.90 | ug/l | 92 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 26956 | 18.38 | ug/l | 92 |
| 54) 2-Hexanone | 5.536 | 43 | 16248 | 16.74 | ug/l | 89 |
| 55) Tetrachloroethene | 5.506 | 164 | 22341 | 21.27 | ug/l | 91 |
| 57) Toluene | 5.229 | 92 | 49457 | 19.25 | ug/l | 88 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 26118 | 20.77 | ug/l | 78 |
| 59) Chlorobenzene | 5.940 | 112 | 62317 | 19.87 | ug/l | 93 |
| 61) Bromoform | 6.361 | 173 | 27255 | 18.87 | ug/l | 98 |
| 62) Ethylbenzene | 5.988 | 106 | 24776 | 19.21 | ug/l | 83 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 33882 | 20.75 | ug/l | 95 |
| 65) Styrene | 6.253 | 104 | 68120 | 23.09 | ug/l | 96 |
| 66) m&p-Xylenes | 6.042 | 106 | 76557 | 50.55 | ug/l | 91 |

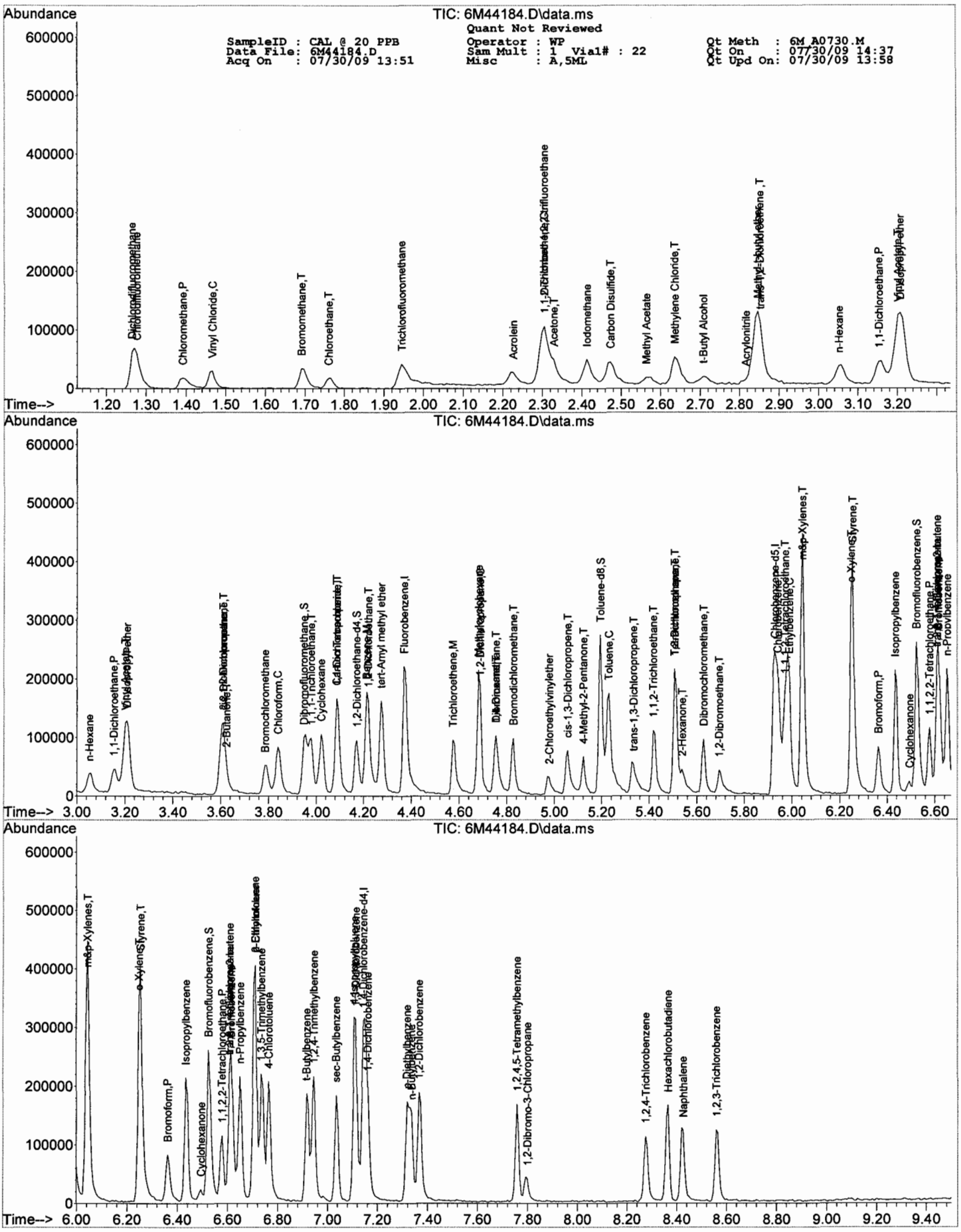
Quantitation Report (Not Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44184.D Sam Mult : 1 Vial# : 22 Qt On : 07/30/09 14:37
Acq On : 07/30/09 13:51 Misc : A,5ML Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 41356 | 26.70 ug/l | 79 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 8449 | 20.85 ug/l | 55 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 52769 | 21.67 ug/l | 85 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 56739 | 19.44 ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 54837 | 21.00 ug/l | 87 |
| 72) Isopropylbenzene | 6.433 | 105 | 85730 | 19.64 ug/l | 93 |
| 73) Cyclohexanone | 6.493 | 55 | 5478 | 97.56 ug/l | 93 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 37979 | 19.39 ug/l | 94 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 83138 | 21.81 ug/l | 97 |
| 76) p-Ethyltoluene | 6.710 | 105 | 84875 | 23.60 ug/l | 82 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 69178 | 19.96 ug/l | 89 |
| 78) n-Propylbenzene | 6.650 | 91 | 99428 | 21.31 ug/l | 98 |
| 79) Bromobenzene | 6.614 | 77 | 61091 | 21.08 ug/l | 85 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 80182 | 21.32 ug/l | 90 |
| 81) t-Butylbenzene | 6.915 | 119 | 64112 | 21.18 ug/l | 87 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 78335 | 21.48 ug/l | 90 |
| 83) sec-Butylbenzene | 7.035 | 105 | 73141 | 20.53 ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 64095 | 24.90 ug/l | 90 |
| 85) n-Butylbenzene | 7.336 | 91 | 67041 | 21.20 ug/l | 82 |
| 86) p-Diethylbenzene | 7.318 | 119 | 32105 | 18.71 ug/l | 91 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 56354 | 18.55 ug/l | 89 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 9012 | 21.54 ug/l | 62 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 28905 | 23.81 ug/l | 98 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 29487 | 20.65 ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.558 | 180 | 30484 | 20.66 ug/l | 92 |
| 92) Naphthalene | 8.425 | 128 | 72434 | 18.05 ug/l | 100 |

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


Abundance
TIC: 6M44184.D\data.ms
Quant Not Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M44184.D
Acq On : 07/30/09 13:51
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:37
Qt Upd On: 07/30/09 13:58
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pantanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44246.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/31/2009 9:15:00 A Method: EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluorobenzene | 1 | 0 | I | 4.37 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Chlorodifluoromethane | 1 | 0 | | 1.27 | 21.15 | | | | 0.514 | | | |
| Dichlorodifluoromethane | 1 | 0 | | 1.26 | 17.42 | 20 | | | 0.286 | 0.251 | 12.90 | |
| Chloromethane | 1 | 0 | CP | 1.39 | 15.25 | 20 | 0.1 | | 0.288 | 0.220 | 23.75 | |
| Bromomethane | 1 | 0 | | 1.69 | 17.25 | 20 | | | 0.221 | 0.178 | 13.75 | |
| Vinyl Chloride | 1 | 0 | CC | 1.46 | 17.41 | 20 | 20 | | 0.289 | 0.252 | 12.95 | |
| Chloroethane | 1 | 0 | | 1.76 | 17.60 | 20 | | | 0.151 | 0.133 | 12.00 | |
| Trichlorofluoromethane | 1 | 0 | | 1.94 | 19.29 | 20 | | | 0.353 | 0.341 | 3.55 | |
| 1.1.2-Trichloro-1.2.2-trifluoroetha | 1 | 0 | | 2.29 | 19.00 | 20 | | | 0.169 | 0.172 | 5.00 | |
| Methylene Chloride | 1 | 0 | | 2.64 | 17.17 | 20 | | | 0.189 | 0.163 | 14.15 | |
| Acrolein | 1 | 0 | | 2.22 | 94.04 | 100 | | | 0.035 | 0.030 | 5.96 | |
| Acrylonitrile | 1 | 0 | | 2.81 | 12.64 | 20 | | | 0.075 | 0.045 | 36.80 | |
| Iodomethane | 1 | 0 | | 2.41 | 15.85 | 20 | | | 0.444 | 0.352 | 20.75 | |
| Acetone | 1 | 0 | | 2.32 | 77.48 | 100 | | | 0.087 | 0.065 | 22.52 | |
| Carbon Disulfide | 1 | 0 | | 2.47 | 15.94 | 20 | | | 0.555 | 0.443 | 20.30 | |
| t-Butyl Alcohol | 1 | 0 | | 2.71 | 81.06 | 100 | | | 0.019 | 0.015 | 18.94 | |
| n-Hexane | 1 | 0 | | 3.05 | 19.85 | 20 | | | 0.119 | 0.127 | 0.75 | |
| Di-isopropyl-ether | 1 | 0 | | 3.20 | 17.96 | 20 | | | 0.944 | 0.848 | 10.20 | |
| 1.1-Dichloroethene | 1 | 0 | CC | 2.30 | 15.97 | 20 | 20 | | 0.305 | 0.244 | 20.15 | |
| Methyl Acetate | 1 | 0 | | 2.56 | 14.56 | 20 | | | 0.210 | 0.153 | 27.20 | |
| Methyl-t-butyl ether | 1 | 0 | | 2.84 | 17.18 | 20 | | | 0.614 | 0.532 | 14.10 | |
| 1.1-Dichloroethane | 1 | 0 | CP | 3.15 | 17.22 | 20 | 0.1 | | 0.420 | 0.361 | 13.90 | |
| trans-1.2-Dichloroethene | 1 | 0 | | 2.84 | 15.88 | 20 | | | 0.188 | 0.142 | 20.60 | |
| cis-1.2-Dichloroethene | 1 | 0 | | 3.61 | 18.37 | 20 | | | 0.387 | 0.355 | 8.15 | |
| Bromochloromethane | 1 | 0 | | 3.78 | 17.10 | 20 | | | 0.211 | 0.181 | 14.50 | |
| 2.2-Dichloropropane | 1 | 0 | | 3.61 | 19.56 | 20 | | | 0.296 | 0.289 | 2.20 | |
| 1.4-Dioxane | 1 | 0 | | 4.75 | 980.49 | 1000 | | | 0.003 | 0.003 | 1.95 | |
| 1.1-Dichloropropene | 1 | 0 | | 4.08 | 18.96 | 20 | | | 0.296 | 0.291 | 5.20 | |
| Chloroform | 1 | 0 | CC | 3.83 | 18.47 | 20 | 20 | | 0.510 | 0.471 | 7.65 | |
| Dibromofluoromethane | 1 | 0 | S | 3.95 | 29.63 | 30 | | | 0.322 | 0.318 | 1.23 | |
| Cyclohexane | 1 | 0 | | 4.02 | 18.69 | 20 | | | 0.307 | 0.309 | 6.55 | |
| 1.2-Dichloroethane-d4 | 1 | 0 | S | 4.16 | 28.43 | 30 | | | 0.173 | 0.164 | 5.23 | |
| 1.2-Dichloroethane | 1 | 0 | | 4.21 | 18.65 | 20 | | | 0.388 | 0.380 | 6.75 | |
| 2-Butanone | 1 | 0 | | 3.61 | 18.19 | 20 | | | 0.136 | 0.124 | 9.05 | |
| 1.1.1-Trichloroethane | 1 | 0 | | 3.97 | 18.62 | 20 | | | 0.412 | 0.384 | 6.90 | |
| Carbon Tetrachloride | 1 | 0 | | 4.09 | 18.44 | 20 | | | 0.355 | 0.333 | 7.80 | |
| Vinyl Acetate | 1 | 0 | | 3.20 | 18.35 | 20 | | | 0.869 | 0.798 | 8.25 | |
| Bromodichloromethane | 1 | 0 | | 4.82 | 17.67 | 20 | | | 0.396 | 0.372 | 11.65 | |
| Methylcyclohexane | 1 | 0 | | 4.68 | 20.42 | 20 | | | 0.187 | 0.209 | 2.10 | |
| Dibromomethane | 1 | 0 | | 4.75 | 17.59 | 20 | | | 0.277 | 0.244 | 12.05 | |
| 1.2-Dichloropropane | 1 | 0 | CC | 4.68 | 18.11 | 20 | 20 | | 0.257 | 0.232 | 9.45 | |
| Trichloroethene | 1 | 0 | | 4.57 | 17.17 | 20 | | | 0.253 | 0.229 | 14.15 | |
| Benzene | 1 | 0 | | 4.21 | 18.17 | 20 | | | 0.842 | 0.827 | 9.15 | |
| tert-Amyl methyl ether | 1 | 0 | | 4.27 | 17.14 | 20 | | | 0.647 | 0.578 | 14.30 | |
| Chlorobenzene-d5 | 1 | 0 | I | 5.92 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Dibromochloromethane | 1 | 0 | | 5.63 | 18.48 | 20 | | | 0.494 | 0.456 | 7.60 | |
| 2-Chloroethylvinylether | 1 | 0 | | 4.97 | 16.08 | 20 | | | 0.191 | 0.190 | 19.60 | |
| cis-1.3-Dichloropropene | 1 | 0 | | 5.05 | 16.48 | 20 | | | 0.505 | 0.516 | 17.60 | |
| trans-1.3-Dichloropropene | 1 | 0 | | 5.33 | 14.79 | 20 | | | 0.483 | 0.443 | 26.05 | |
| 1.1.2-Trichloroethane | 1 | 0 | | 5.42 | 18.71 | 20 | | | 0.363 | 0.340 | 6.45 | |
| 1.2-Dibromoethane | 1 | 0 | | 5.69 | 18.45 | 20 | | | 0.390 | 0.360 | 7.75 | |
| 1.3-Dichloropropane | 1 | 0 | | 5.51 | 20.47 | 20 | | | 0.557 | 0.570 | 2.35 | |
| 4-Methyl-2-Pentanone | 1 | 0 | | 5.12 | 15.09 | 20 | | | 0.375 | 0.348 | 24.55 | |
| 2-Hexanone | 1 | 0 | | 5.54 | 14.70 | 20 | | | 0.247 | 0.225 | 26.50 | |
| Tetrachloroethene | 1 | 0 | | 5.51 | 20.31 | 20 | | | 0.331 | 0.336 | 1.55 | |
| Toluene-d8 | 1 | 0 | S | 5.19 | 29.67 | 30 | | | 1.378 | 1.362 | 1.10 | |
| Toluene | 1 | 0 | CC | 5.22 | 19.62 | 20 | 20 | | 0.809 | 0.794 | 1.90 | |
| 1.1.1.2-Tetrachloroethane | 1 | 0 | | 5.97 | 18.11 | 20 | | | 0.396 | 0.359 | 9.45 | |
| Chlorobenzene | 1 | 0 | CP | 5.94 | 19.64 | 20 | 0.3 | | 0.987 | 0.970 | 1.80 | |
| 1.4-Dichlorobenzene-d4 | 1 | 0 | I | 7.14 | 30.00 | 30 | | | | 0.000 | 0.00 | |
| Bromoform | 1 | 0 | CP | 6.36 | 18.00 | 20 | 0.1 | | 0.768 | 0.692 | 10.00 | |
| Ethylbenzene | 1 | 0 | CC | 5.98 | 20.89 | 20 | 20 | | 0.669 | 0.717 | 4.45 | |
| 1.1.2.2-Tetrachloroethane | 1 | 0 | CP | 6.57 | 20.39 | 20 | 0.3 | | 0.869 | 0.886 | 1.95 | |
| Bromofluorobenzene | 1 | 0 | S | 6.52 | 29.87 | 30 | | | 1.081 | 1.077 | 0.43 | |
| Styrene | 1 | 0 | | 6.25 | 24.79 | 20 | | | 1.673 | 1.945 | 23.95 | |
| m&p-Xylenes | 1 | 0 | | 6.04 | 51.86 | 40 | | | 0.840 | 1.045 | 29.65 | |
| o-Xylene | 1 | 0 | | 6.25 | 25.72 | 20 | | | 0.944 | 1.060 | 28.60 | |
| trans-1.4-Dichloro-2-butene | 1 | 0 | | 6.61 | 17.58 | 20 | | | 0.207 | 0.190 | 12.10 | |
| 1.3-Dichlorobenzene | 1 | 0 | | 7.11 | 22.58 | 20 | | | 1.295 | 1.463 | 12.90 | |
| 1.4-Dichlorobenzene | 1 | 0 | | 7.16 | 21.18 | 20 | | | 1.553 | 1.645 | 5.90 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

# Form7

Continuing Calibration

**Calibration Name:** CAL @ 20 PPB **Data File:** 6M44246.D **Instrument:** GCMS 6

**Cont Calibration Date/Time** 7/31/2009 9:15:00 A **Method:** EPA 8260B

| TxtCompd: | Col# | Multi Num | Type | RT | Conc | Conc Exp | Lo Lim | Hi Lim | Initial RF | RF | %Diff | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.2-Dichlorobenzene | 1 | 0 | | 7.37 | 22.24 | 20 | | | 1.389 | 1.545 | 11.20 | |
| Isopropylbenzene | 1 | 0 | | 6.43 | 21.75 | 20 | | | 2.218 | 2.525 | 8.75 | |
| Cyclohexanone | 1 | 0 | | 6.49 | 116.45 | | | | 0.024 | | | |
| 1.2.3-Trichloropropane | 1 | 0 | | 6.61 | 19.13 | 20 | | | 1.042 | 0.997 | 4.35 | |
| 2-Chlorotoluene | 1 | 0 | | 6.70 | 21.98 | 20 | | | 2.027 | 2.228 | 9.90 | |
| p-Ethyltoluene | 1 | 0 | | 6.70 | 26.02 | | | | 1.949 | | | |
| 4-Chlorotoluene | 1 | 0 | | 6.76 | 21.30 | 20 | | | 1.844 | 1.963 | 6.50 | |
| n-Propylbenzene | 1 | 0 | | 6.65 | 22.47 | 20 | | | 2.482 | 2.788 | 12.35 | |
| Bromobenzene | 1 | 0 | | 6.61 | 23.95 | 20 | | | 1.542 | 1.847 | 19.75 | |
| 1.3.5-Trimethylbenzene | 1 | 0 | | 6.73 | 21.78 | 20 | | | 2.000 | 2.179 | 8.90 | |
| t-Butylbenzene | 1 | 0 | | 6.92 | 23.87 | 20 | | | 1.495 | 1.922 | 19.35 | |
| 1.2.4-Trimethylbenzene | 1 | 0 | | 6.95 | 23.12 | 20 | | | 1.916 | 2.243 | 15.60 | |
| sec-Butylbenzene | 1 | 0 | | 7.04 | 23.34 | 20 | | | 1.773 | 2.212 | 16.70 | |
| 4-Isopropyltoluene | 1 | 0 | | 7.11 | 27.60 | 20 | | | 1.419 | 1.890 | 38.00 | |
| n-Butylbenzene | 1 | 0 | | 7.33 | 24.35 | 20 | | | 1.555 | 2.047 | 21.75 | |
| p-Diethylbenzene | 1 | 0 | | 0.00 | 0.00 | | | | 0.823 | | | |
| 1.2.4.5-Tetramethylbenzene | 1 | 0 | | 7.76 | 22.59 | | | | 1.365 | | | |
| 1.2-Dibromo-3-Chloropropane | 1 | 0 | | 7.80 | 19.95 | 20 | | | 0.223 | 0.222 | 0.25 | |
| Hexachlorobutadiene | 1 | 0 | | 8.37 | 24.56 | 20 | | | 0.820 | 0.793 | 22.80 | |
| 1.2.4-Trichlorobenzene | 1 | 0 | | 8.28 | 23.87 | 20 | | | 0.760 | 0.906 | 19.35 | |
| 1.2.3-Trichlorobenzene | 1 | 0 | | 8.56 | 22.82 | 20 | | | 0.847 | 0.896 | 14.10 | |
| Naphthalene | 1 | 0 | | 8.42 | 19.90 | 20 | | | 1.836 | 2.124 | 0.50 | |
| Freon 113 | 1 | 100 | | 0.00 | 0.00 | 20 | | | | 0.000 | 100.00 | |
| 1.2-Dioxane | 1 | 100 | | 0.00 | 0.00 | 2000 | | | | 0.000 | 100.00 | |

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method



**Note:**

**8260/8270 limits are compared against the %DIFF/R.F.** **625 limits are compared against the %DIFF.**

**624 limits are compared against the concentration found.** **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB  Operator : SG  Qt Meth : 6M_A0730.M
Data File: 6M44246.D  Sam Mult : 1  Vial# : 3  Qt On : 07/31/09 09:27
Acq On : 07/31/09 09:15  Misc : A,5mL  Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 166022 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 110633 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 60443 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 52829 | 29.63 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.77% | | |
| 32) 1,2-Dichloroethane-d4 | 4.165 | 67 | 27179 | 28.43 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.77% | | |
| 56) Toluene-d8 | 5.188 | 98 | 150734 | 29.67 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.90% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 65083 | 29.87 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.57% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 60137 | 21.15 | ug/l | 82 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 27826 | 17.42 | ug/l | 88 |
| 4) Chloromethane | 1.390 | 50 | 24296 | 15.25 | ug/l | 90 |
| 5) Bromomethane | 1.690 | 94 | 19740 | 17.25 | ug/l | 94 |
| 6) Vinyl Chloride | 1.459 | 62 | 27840 | 17.41 | ug/l | 92 |
| 7) Chloroethane | 1.759 | 64 | 14693 | 17.60 | ug/l | 98 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 37693 | 19.29 | ug/l | 82 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.293 | 101 | 19057 | 19.00 | ug/l | 92 |
| 10) Methylene Chloride | 2.636 | 84 | 17995 | 17.17 | ug/l | 54 |
| 11) Acrolein | 2.221 | 56 | 16823 | 94.04 | ug/l | 96 |
| 12) Acrylonitrile | 2.811 | 53 | 5017 | 12.64 | ug/l | 92 |
| 13) Iodomethane | 2.407 | 142 | 38968 | 15.85 | ug/l | 95 |
| 14) Acetone | 2.323 | 43 | 36243 | 77.48 | ug/l | 89 |
| 15) Carbon Disulfide | 2.468 | 76 | 48995 | 15.94 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 8451 | 81.06 | ug/l | 96 |
| 17) n-Hexane | 3.045 | 57 | 14081 | 19.85 | ug/l | 88 |
| 18) Di-isopropyl-ether | 3.202 | 45 | 93851 | 17.96 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 26956 | 15.97 | ug/l | 87 |
| 20) Methyl Acetate | 2.564 | 43 | 16932 | 14.56 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.841 | 73 | 58925 | 17.18 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.148 | 63 | 40008 | 17.22 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.841 | 96 | 15754 | 15.88 | ug/l | 81 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 39343 | 18.37 | ug/l | 78 |
| 25) Bromochloromethane | 3.780 | 49 | 19990 | 17.10 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 32038 | 19.56 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.755 | 88 | 16752 | 980.49 | ug/l | 96 |
| 28) 1,1-Dichloropropene | 4.080 | 75 | 32205 | 18.96 | ug/l | 93 |
| 29) Chloroform | 3.834 | 83 | 52138 | 18.47 | ug/l | 76 |
| 31) Cyclohexane | 4.020 | 56 | 34213 | 18.69 | ug/l | 95 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 42013 | 18.65 | ug/l | 97 |
| 34) 2-Butanone | 3.611 | 43 | 13679 | 18.19 | ug/l | 84 |
| 35) 1,1,1-Trichloroethane | 3.972 | 97 | 42480 | 18.62 | ug/l | 97 |
| 36) Carbon Tetrachloride | 4.087 | 117 | 36887 | 18.44 | ug/l | 87 |
| 37) Vinyl Acetate | 3.202 | 43 | 88288 | 18.35 | ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 41134 | 17.67 | ug/l | 95 |
| 39) Methylcyclohexane | 4.676 | 83 | 23080 | 20.42 | ug/l | 88 |
| 40) Dibromomethane | 4.749 | 174 | 26955 | 17.59 | ug/l | 88 |
| 41) 1,2-Dichloropropane | 4.682 | 63 | 25732 | 18.11 | ug/l | 98 |
| 42) Trichloroethene | 4.574 | 130 | 25387 | 17.17 | ug/l | 81 |
| 43) Benzene | 4.213 | 78 | 91588 | 18.17 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 63928 | 17.14 | ug/l | 92 |
| 46) Dibromochloromethane | 5.627 | 129 | 33634 | 18.48 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 13989 | 16.08 | ug/l | 79 |
| 48) cis-1,3-Dichloropropene | 5.049 | 75 | 38021 | 16.48 | ug/l | 87 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 32675 | 14.79 | ug/l | 95 |
| 50) 1,1,2-Trichloroethane | 5.417 | 97 | 25072 | 18.71 | ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 26533 | 18.45 | ug/l | 82 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 42075 | 20.47 | ug/l | 89 |
| 53) 4-Methyl-2-Pentanone | 5.122 | 43 | 25693 | 15.09 | ug/l | 95 |
| 54) 2-Hexanone | 5.537 | 43 | 16565 | 14.70 | ug/l | 94 |
| 55) Tetrachloroethene | 5.507 | 164 | 24766 | 20.31 | ug/l | 96 |
| 57) Toluene | 5.224 | 92 | 58528 | 19.62 | ug/l | 92 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 26443 | 18.11 | ug/l | 64 |
| 59) Chlorobenzene | 5.940 | 112 | 71509 | 19.64 | ug/l | 95 |
| 61) Bromoform | 6.361 | 173 | 27874 | 18.00 | ug/l | 95 |
| 62) Ethylbenzene | 5.982 | 106 | 28879 | 20.89 | ug/l | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 6.572 | 83 | 35690 | 20.39 | ug/l | 96 |
| 65) Styrene | 6.253 | 104 | 78361 | 24.79 | ug/l | 96 |
| 66) m&p-Xylenes | 6.042 | 106 | 84180 | 51.86 | ug/l | 98 |

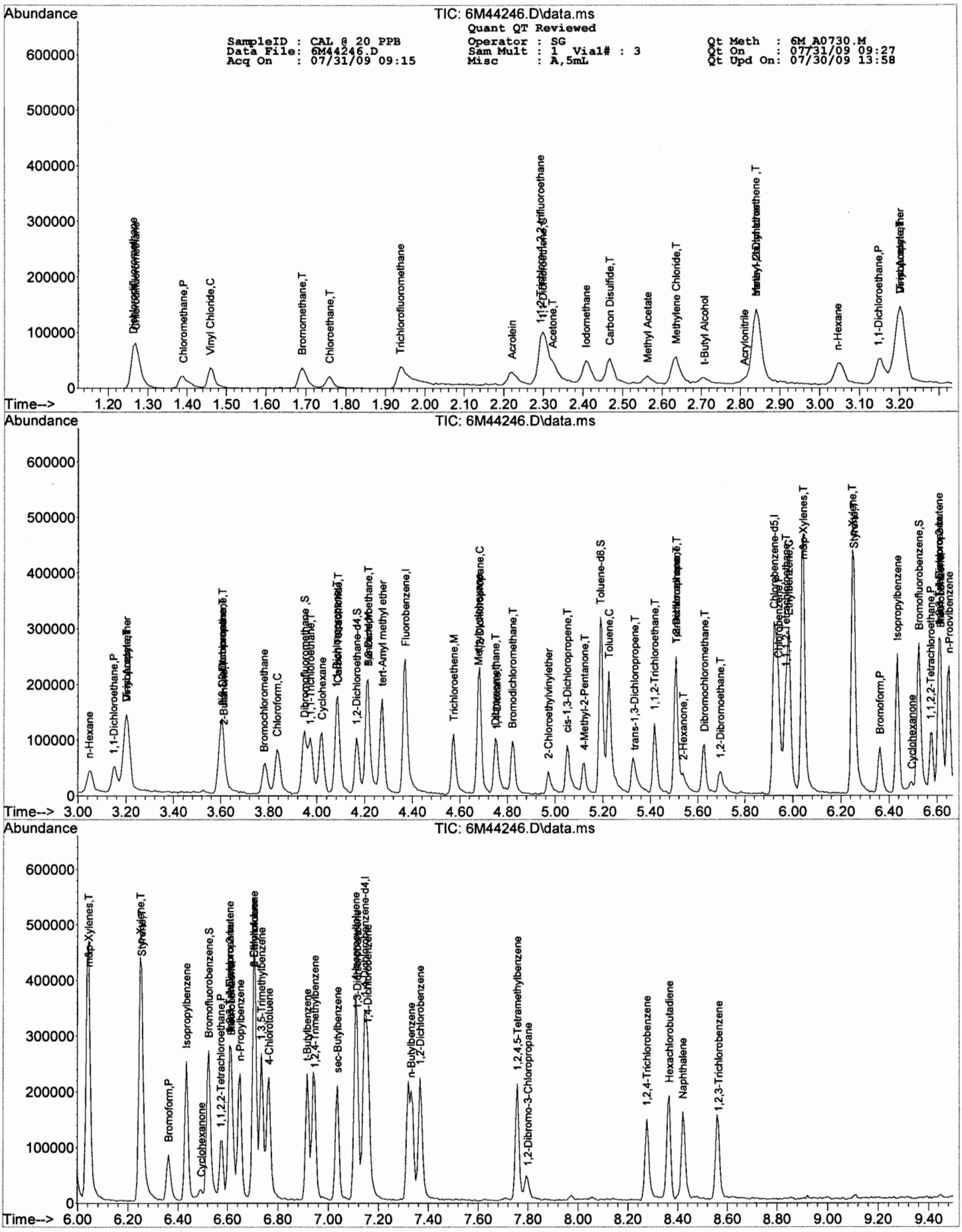
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44246.D Sam Mult : 1 Vial# : 3 Qt On : 07/31/09 09:27
Acq On : 07/31/09 09:15 Misc : A,5mL Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 67) | o-Xylene | 6.247 | 106 | 42694 | 25.72 | ug/l | 88 |
| 68) | trans-1,4-Dichloro-2-b... | 6.608 | 53 | 7638 | 17.58 | ug/l | 78 |
| 69) | 1,3-Dichlorobenzene | 7.114 | 146 | 58932 | 22.58 | ug/l | 86 |
| 70) | 1,4-Dichlorobenzene | 7.156 | 146 | 66283 | 21.18 | ug/l | 84 |
| 71) | 1,2-Dichlorobenzene | 7.367 | 146 | 62261 | 22.24 | ug/l | 87 |
| 72) | Isopropylbenzene | 6.434 | 105 | 101746 | 21.75 | ug/l | 95 |
| 73) | Cyclohexanone | 6.494 | 55 | 7008 | 116.45 | ug/l | 90 |
| 74) | 1,2,3-Trichloropropane | 6.608 | 75 | 40169 | 19.13 | ug/l | 97 |
| 75) | 2-Chlorotoluene | 6.705 | 91 | 89792 | 21.98 | ug/l | 95 |
| 76) | p-Ethyltoluene | 6.705 | 105 | 100295 | 26.02 | ug/l | 81 |
| 77) | 4-Chlorotoluene | 6.765 | 91 | 79118 | 21.30 | ug/l | 90 |
| 78) | n-Propylbenzene | 6.650 | 91 | 112362 | 22.47 | ug/l | 94 |
| 79) | Bromobenzene | 6.614 | 77 | 74406 | 23.95 | ug/l | 88 |
| 80) | 1,3,5-Trimethylbenzene | 6.735 | 105 | 87787 | 21.78 | ug/l | 91 |
| 81) | t-Butylbenzene | 6.915 | 119 | 77450 | 23.87 | ug/l | 82 |
| 82) | 1,2,4-Trimethylbenzene | 6.945 | 105 | 90402 | 23.12 | ug/l | 89 |
| 83) | sec-Butylbenzene | 7.036 | 105 | 89122 | 23.34 | ug/l | 99 |
| 84) | 4-Isopropyltoluene | 7.108 | 119 | 76151 | 27.60 | ug/l | 91 |
| 85) | n-Butylbenzene | 7.330 | 91 | 82504 | 24.35 | ug/l | 82 |
| 87) | 1,2,4,5-Tetramethylben... | 7.758 | 119 | 73544 | 22.59 | ug/l | 91 |
| 88) | 1,2-Dibromo-3-Chloropr... | 7.800 | 157 | 8945 | 19.95 | ug/l | 61 |
| 89) | Hexachlorobutadiene | 8.366 | 225 | 31957 | 24.56 | ug/l | 94 |
| 90) | 1,2,4-Trichlorobenzene | 8.275 | 180 | 36526 | 23.87 | ug/l | 94 |
| 91) | 1,2,3-Trichlorobenzene | 8.564 | 180 | 36086 | 22.82 | ug/l | 95 |
| 92) | Naphthalene | 8.420 | 128 | 85578 | 19.90 | ug/l | 100 |

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


Abundance
TIC: 6M44246.D\data.ms
SampleID : CAL @ 20 PPB
Data File: 6M44246.D
Acq On : 07/31/09 09:15
Quant QT Reviewed
Operator : SG
Sam Mult : 1 Vial# : 3
Misc : A,5mL
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 09:27
Qt Upd On: 07/30/09 13:58
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44246.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->


Abundance
TIC: 6M44246.D\data.ms
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

# GC/MS Volatile Data
# Raw QC Data

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43654.D
**Instrument:** GCMS 6 **Analysis Date:** 07/20/09 08:41
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.179 to 4.258 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.6 | 3217 | PASS |
| 75 | 95 | 30 | 60 | 45.7 | 8344 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 18240 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1088 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 90.2 | 16459 | PASS |
| 175 | 174 | 5 | 9 | 5.6 | 919 | PASS |
| 176 | 174 | 95 | 101 | 99.5 | 16381 | PASS |
| 177 | 176 | 5 | 9 | 5.6 | 919 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M43655.D | PREPBLK | 07/20/09 08:59 |
| 6M43656.D | CAL @ 1 PPB | 07/20/09 09:15 |
| 6M43657.D | CAL @ 0.5 PPB | 07/20/09 09:31 |
| 6M43658.D | CAL @ 5 PPB | 07/20/09 09:47 |
| 6M43659.D | CAL @ 500 PPB | 07/20/09 10:03 |
| 6M43660.D | CAL @ 250 PPB | 07/20/09 10:19 |
| 6M43661.D | CAL @ 100 PPB | 07/20/09 10:35 |
| 6M43662.D | CAL @ 50 PPB | 07/20/09 10:51 |
| 6M43663.D | CAL @ 20 PPB | 07/20/09 11:06 |
| 6M43664.D | CAL @ 10 PPB | 07/20/09 11:22 |
| 6M43665.D | BLK | 07/20/09 11:38 |
| 6M43666.D | ICV | 07/20/09 11:54 |
| 6M43667.D | ICV | 07/20/09 12:10 |
| 6M43668.D | BLK | 07/20/09 12:27 |
| 6M43669.D | DAILY BLANK | 07/20/09 12:42 |
| 6M43670.D | DAILY BLANK | 07/20/09 12:58 |
| 6M43671.D | MBS12817 | 07/20/09 13:14 |
| 6M43672.D | MBS12818 | 07/20/09 13:30 |
| 6M43673.D | AC45849-006 | 07/20/09 13:46 |
| 6M43674.D | AC45833-021 | 07/20/09 14:02 |
| 6M43675.D | AC45833-020 | 07/20/09 14:18 |
| 6M43676.D | AC45833-022 | 07/20/09 14:34 |
| 6M43677.D | AC45833-019 | 07/20/09 14:50 |
| 6M43678.D | AC45833-018 | 07/20/09 15:05 |
| 6M43679.D | AC45833-017 | 07/20/09 15:21 |
| 6M43680.D | AC45833-016 | 07/20/09 15:37 |
| 6M43681.D | AC45833-015 | 07/20/09 15:53 |
| 6M43682.D | AC45833-014 | 07/20/09 16:09 |
| 6M43683.D | AC45833-013 | 07/20/09 16:25 |
| 6M43684.D | AC45840-011 | 07/20/09 16:41 |
| 6M43685.D | AC45849-005 | 07/20/09 16:57 |
| 6M43686.D | AC45849-001 | 07/20/09 17:12 |
| 6M43687.D | AC45849-002 | 07/20/09 17:28 |
| 6M43688.D | AC45840-010 | 07/20/09 17:44 |
| 6M43689.D | AC45839-001 | 07/20/09 18:00 |
| 6M43690.D | AC45849-003(100 | 07/20/09 18:19 |
| 6M43691.D | AC45849-004(100 | 07/20/09 18:39 |
| 6M43692.D | AC45840-002(100 | 07/20/09 19:00 |
| 6M43693.D | MBS12820 | 07/20/09 19:17 |
| 6M43694.D | AC45840-010(MS) | 07/20/09 19:33 |
| 6M43695.D | AC45840-010(MSD | 07/20/09 19:48 |
| 6M43696.D | BLK | 07/20/09 20:04 |
| 6M43697.D | BLK | 07/20/09 20:20 |
| 6M43698.D | BLK | 07/20/09 20:36 |
| 6M43699.D | MBS12821 | 07/20/09 20:51 |
| 6M43700.D | BLK | 07/20/09 21:07 |
| 6M43701.D | AC45811-014 | 07/20/09 21:23 |
| 6M43702.D | AC45816-003 | 07/20/09 21:39 |
| 6M43703.D | AC45816-004 | 07/20/09 21:55 |
| 6M43704.D | AC45811-001 | 07/20/09 22:11 |
| 6M43705.D | AC45811-002 | 07/20/09 22:26 |
| 6M43706.D | AC45811-003 | 07/20/09 22:42 |
| 6M43707.D | AC45811-004 | 07/20/09 22:58 |
| 6M43708.D | AC45811-006 | 07/20/09 23:14 |
| 6M43709.D | AC45811-007 | 07/20/09 23:30 |
| 6M43710.D | AC45811-008 | 07/20/09 23:45 |
| 6M43711.D | AC45811-009 | 07/21/09 00:01 |
| 6M43712.D | AC45811-011 | 07/21/09 00:17 |
| 6M43713.D | AC45811-012 | 07/21/09 00:33 |
| 6M43714.D | AC45811-010 | 07/21/09 00:49 |
| 6M43715.D | BLK | 07/21/09 01:04 |
| 6M43716.D | AC45816-001 | 07/21/09 01:20 |
| 6M43717.D | AC45827-001 | 07/21/09 01:36 |
| 6M43718.D | AC45827-002 | 07/21/09 01:52 |
| 6M43719.D | AC45827-003 | 07/21/09 02:08 |

# Form 5

**Tune Name:** BFB TUNE
**Instrument:** GCMS 6
**Data File:** 6M43654.D
**Analysis Date:** 07/20/09 08:41
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.179 to 4.258 min

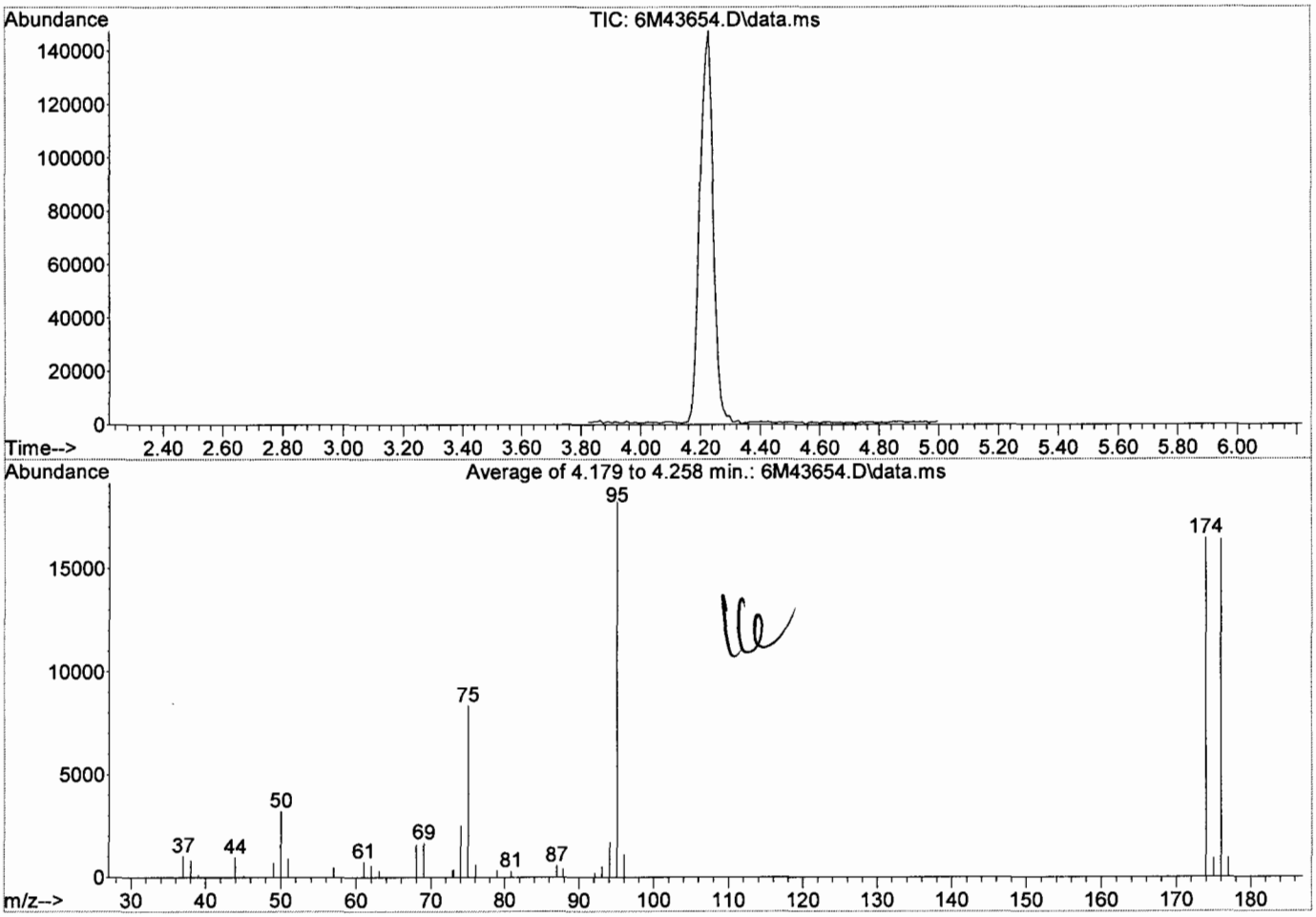
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.6 | 3217 | PASS |
| 75 | 95 | 30 | 60 | 45.7 | 8344 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 18240 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1088 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 90.2 | 16459 | PASS |
| 175 | 174 | 5 | 9 | 5.6 | 919 | PASS |
| 176 | 174 | 95 | 101 | 99.5 | 16381 | PASS |
| 177 | 176 | 5 | 9 | 5.6 | 919 | PASS |

| | | |
|---|---|---|
| 6M43720.D | AC45827-004 | 07/21/09 02:23 |
| 6M43721.D | AC45827-005 | 07/21/09 02:39 |
| 6M43722.D | MBS12822 | 07/21/09 02:55 |
| 6M43723.D | MBS12823 | 07/21/09 03:11 |
| 6M43724.D | BLK | 07/21/09 03:27 |
| 6M43725.D | BLK | 07/21/09 03:43 |
| 6M43726.D | BLK | 07/21/09 03:59 |
| 6M43727.D | BLK | 07/21/09 04:14 |

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-20-09\
Data File : 6M43654.D
Acq On : 20 Jul 2009 8:41
Operator : DB
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0720.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.179 to 4.258 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.6 | 3217 | PASS |
| 75 | 95 | 30 | 60 | 45.7 | 8344 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 18240 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1088 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 90.2 | 16459 | PASS |
| 175 | 174 | 5 | 9 | 5.6 | 919 | PASS |
| 176 | 174 | 95 | 101 | 99.5 | 16381 | PASS |
| 177 | 176 | 5 | 9 | 5.6 | 919 | PASS |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43967.D
**Instrument:** GCMS 6 **Analysis Date:** 07/27/09 07:57
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.210 to 4.229 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.7 | 4480 | PASS |
| 75 | 95 | 30 | 60 | 43.7 | 10486 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 23979 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 1536 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 97.2 | 23301 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 1759 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 23333 | PASS |
| 177 | 176 | 5 | 9 | 7.2 | 1688 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M43968.D | 20 PPB | 07/27/09 08:07 |
| 6M43969.D | CAL @ 20 PPB | 07/27/09 08:28 |
| 6M43970.D | BLK | 07/27/09 08:49 |
| 6M43971.D | DAILY BLANK | 07/27/09 09:05 |
| 6M43972.D | DAILY BLANK | 07/27/09 09:21 |
| 6M43973.D | AC46012-008 | 07/27/09 09:37 |
| 6M43974.D | AC46012-009 | 07/27/09 09:53 |
| 6M43975.D | AC45960-017 | 07/27/09 10:09 |
| 6M43976.D | AC45960-005(20X) | 07/27/09 10:27 |
| 6M43977.D | AC45978-001 | 07/27/09 10:45 |
| 6M43978.D | MBS12886 | 07/27/09 11:01 |
| 6M43979.D | BLK | 07/27/09 11:16 |
| 6M43980.D | AC45754-002 | 07/27/09 11:32 |
| 6M43981.D | MBS12887 | 07/27/09 11:48 |
| 6M43982.D | AC45954-007 | 07/27/09 12:04 |
| 6M43983.D | AC45954-008 | 07/27/09 12:20 |
| 6M43984.D | AC45954-010 | 07/27/09 12:36 |
| 6M43985.D | AC45971-002 | 07/27/09 12:51 |
| 6M43986.D | AC45971-001(5X) | 07/27/09 13:08 |
| 6M43987.D | AC45997-002 | 07/27/09 13:23 |
| 6M43988.D | AC45997-003 | 07/27/09 13:39 |
| 6M43989.D | AC45997-004 | 07/27/09 13:55 |
| 6M43990.D | AC45997-005 | 07/27/09 14:11 |
| 6M43991.D | AC45997-006 | 07/27/09 14:27 |
| 6M43992.D | AC45997-007 | 07/27/09 14:43 |
| 6M43993.D | AC45997-008 | 07/27/09 14:58 |
| 6M43994.D | AC45937-001(T) | 07/27/09 15:14 |
| 6M43995.D | AC45937-002(T) | 07/27/09 15:30 |
| 6M43996.D | AC45937-003(T) | 07/27/09 15:46 |
| 6M43997.D | AC45937-004(T) | 07/27/09 16:01 |
| 6M43998.D | EF-1-V-69665(072 | 07/27/09 16:23 |
| 6M43999.D | AC45937-001(T:M | 07/27/09 16:39 |
| 6M44000.D | AC45937-001(T:M | 07/27/09 16:54 |
| 6M44001.D | BLK | 07/27/09 17:10 |
| 6M44002.D | AC45988-005 | 07/27/09 17:26 |
| 6M44003.D | AC45998-004 | 07/27/09 17:41 |
| 6M44004.D | AC45998-005 | 07/27/09 17:57 |
| 6M44005.D | AC45998-002 | 07/27/09 18:13 |
| 6M44006.D | AC45998-001 | 07/27/09 18:29 |
| 6M44007.D | AC45998-003(20X) | 07/27/09 18:45 |
| 6M44008.D | MBS12890 | 07/27/09 19:00 |
| 6M44009.D | AC45811-006(MS) | 07/27/09 19:16 |
| 6M44010.D | BLK | 07/27/09 19:32 |
| 6M44011.D | BLK | 07/27/09 19:47 |
| 6M44012.D | BLK | 07/27/09 20:03 |
| 6M44013.D | MBS12891 | 07/27/09 20:19 |
| 6M44014.D | AC46011-006 | 07/27/09 20:35 |
| 6M44015.D | AC46011-007 | 07/27/09 20:50 |
| 6M44016.D | BLK | 07/27/09 21:06 |
| 6M44017.D | MBS12892 | 07/27/09 21:22 |
| 6M44018.D | BLK | 07/27/09 21:37 |
| 6M44019.D | AC46004-005 | 07/27/09 21:53 |
| 6M44020.D | AC46004-004 | 07/27/09 22:09 |
| 6M44021.D | AC46005-003 | 07/27/09 22:25 |
| 6M44022.D | AC46005-002 | 07/27/09 22:41 |
| 6M44023.D | AC46004-001 | 07/27/09 22:56 |
| 6M44024.D | AC46004-002 | 07/27/09 23:12 |
| 6M44025.D | AC46004-003 | 07/27/09 23:28 |
| 6M44026.D | AC46005-001 | 07/27/09 23:44 |
| 6M44027.D | AC46011-001 | 07/27/09 23:59 |
| 6M44028.D | AC46011-002 | 07/28/09 00:15 |
| 6M44029.D | AC46011-003 | 07/28/09 00:31 |
| 6M44030.D | AC46011-004 | 07/28/09 00:47 |
| 6M44031.D | AC46011-005 | 07/28/09 01:03 |
| 6M44032.D | BLK | 07/28/09 01:18 |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M43967.D
**Instrument:** GCMS 6 **Analysis Date:** 07/27/09 07:57
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.210 to 4.229 min

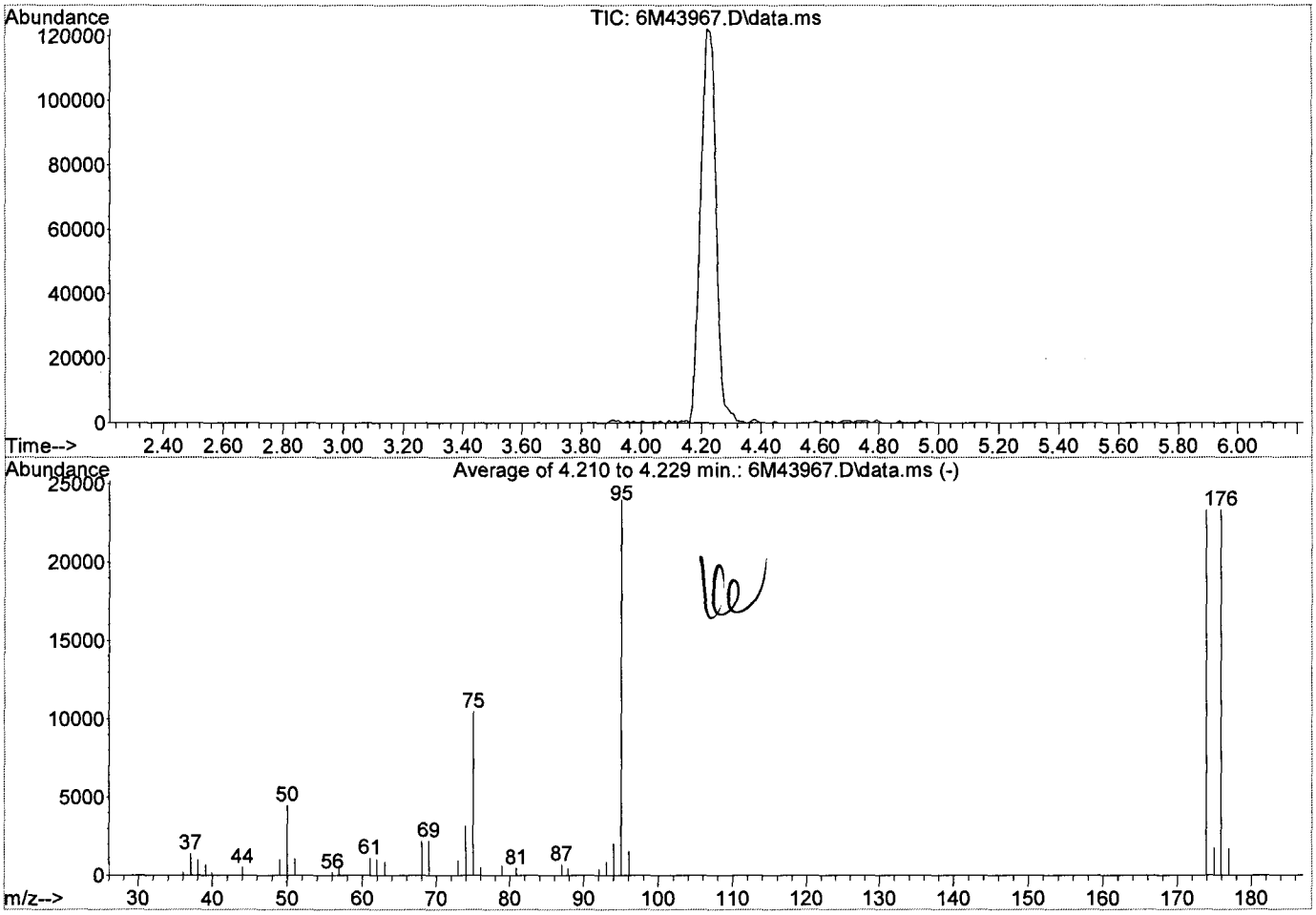
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.7 | 4480 | PASS |
| 75 | 95 | 30 | 60 | 43.7 | 10486 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 23979 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 1536 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 97.2 | 23301 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 1759 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 23333 | PASS |
| 177 | 176 | 5 | 9 | 7.2 | 1688 | PASS |

| | | |
|---|---|---|
| 6M44033.D | MBS12893 | 07/28/09 01:34 |
| 6M44034.D | AC45984-021 | 07/28/09 01:50 |
| 6M44035.D | AC45984-022 | 07/28/09 02:06 |
| 6M44036.D | AC45984-023 | 07/28/09 02:21 |
| 6M44037.D | AC45984-024 | 07/28/09 02:37 |
| 6M44038.D | AC45984-025 | 07/28/09 02:53 |
| 6M44039.D | AC45984-026 | 07/28/09 03:09 |
| 6M44040.D | AC45984-027 | 07/28/09 03:25 |
| 6M44041.D | BLK | 07/28/09 03:40 |
| 6M44042.D | BLK | 07/28/09 03:56 |
| 6M44043.D | BLK | 07/28/09 04:12 |
| 6M44044.D | BLK | 07/28/09 04:28 |
| 6M44045.D | BLK | 07/28/09 04:44 |
| 6M44046.D | BLK | 07/28/09 06:22 |

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Data File : 6M43967.D
Acq On : 27 Jul 2009 7:57
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0720.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.210 to 4.229 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.7 | 4480 | PASS |
| 75 | 95 | 30 | 60 | 43.7 | 10486 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 23979 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 1536 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 97.2 | 23301 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 1759 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 23333 | PASS |
| 177 | 176 | 5 | 9 | 7.2 | 1688 | PASS |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44087.D
**Instrument:** GCMS 6 **Analysis Date:** 07/29/09 07:44
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.200 to 4.219 min

| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.8 | 3963 | PASS |
| 75 | 95 | 30 | 60 | 49.3 | 10949 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22207 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1315 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 93.7 | 20817 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 1573 | PASS |
| 176 | 174 | 95 | 101 | 99.9 | 20794 | PASS |
| 177 | 176 | 5 | 9 | 6.9 | 1437 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44088.D | 20 PPB | 07/29/09 07:54 |
| 6M44089.D | CAL @ 20 PPB | 07/29/09 08:16 |
| 6M44090.D | BLK | 07/29/09 08:45 |
| 6M44091.D | DAILY BLANK | 07/29/09 09:01 |
| 6M44092.D | DAILY BLANK | 07/29/09 09:17 |
| 6M44093.D | AC45975-010 | 07/29/09 09:36 |
| 6M44094.D | MBS12905 | 07/29/09 09:52 |
| 6M44095.D | MBS12906 | 07/29/09 10:07 |
| 6M44096.D | AC45975-011(MS: | 07/29/09 10:23 |
| 6M44097.D | AC45975-012(MSD | 07/29/09 10:39 |
| 6M44098.D | AC45951-003(T) | 07/29/09 10:55 |
| 6M44099.D | BLK | 07/29/09 11:11 |
| 6M44100.D | AC45975-010 | 07/29/09 11:27 |
| 6M44101.D | AC45984-013 | 07/29/09 11:43 |
| 6M44102.D | AC45984-016 | 07/29/09 11:58 |
| 6M44103.D | AC45975-020 | 07/29/09 12:14 |
| 6M44104.D | AC45975-021 | 07/29/09 12:30 |
| 6M44105.D | AC45975-022 | 07/29/09 12:46 |
| 6M44106.D | AC45975-023 | 07/29/09 13:02 |
| 6M44107.D | AC45975-024 | 07/29/09 13:18 |
| 6M44108.D | AC45975-025 | 07/29/09 13:33 |
| 6M44109.D | AC45975-033 | 07/29/09 13:49 |
| 6M44110.D | AC45975-035 | 07/29/09 14:05 |
| 6M44111.D | AC45975-036 | 07/29/09 14:21 |
| 6M44112.D | AC45975-037 | 07/29/09 14:37 |
| 6M44113.D | AC45975-040 | 07/29/09 14:54 |
| 6M44114.D | BLK | 07/29/09 15:09 |
| 6M44115.D | BLK | 07/29/09 15:25 |
| 6M44116.D | AC46027-012 | 07/29/09 15:41 |
| 6M44117.D | AC46015-005 | 07/29/09 15:57 |
| 6M44118.D | AC46027-009 | 07/29/09 16:13 |
| 6M44119.D | AC46015-004(10X) | 07/29/09 16:32 |
| 6M44120.D | AC46015-003(10X) | 07/29/09 16:52 |
| 6M44121.D | AC46017-002(400u | 07/29/09 17:09 |
| 6M44122.D | AC46014-005 | 07/29/09 17:25 |
| 6M44123.D | AC46017-003 | 07/29/09 17:41 |
| 6M44124.D | AC46042-001 | 07/29/09 17:57 |
| 6M44125.D | MBS12911 | 07/29/09 18:12 |
| 6M44126.D | AC46014-005(MS) | 07/29/09 18:28 |
| 6M44127.D | AC46014-005(MSD | 07/29/09 18:44 |
| 6M44128.D | BLKJUG#2 | 07/29/09 18:59 |
| 6M44129.D | BLK | 07/29/09 19:15 |
| 6M44130.D | BLK | 07/29/09 19:31 |
| 6M44131.D | MBS12912 | 07/29/09 19:47 |
| 6M44132.D | AC45960-020(MS) | 07/29/09 20:02 |
| 6M44133.D | AC45960-020(MSD | 07/29/09 20:18 |
| 6M44134.D | MBS12913 | 07/29/09 20:34 |
| 6M44135.D | BLK | 07/29/09 20:49 |
| 6M44136.D | AC46055-001 | 07/29/09 21:05 |
| 6M44137.D | AC46055-002 | 07/29/09 21:21 |
| 6M44138.D | AC46055-003 | 07/29/09 21:37 |
| 6M44139.D | AC46056-001 | 07/29/09 21:53 |
| 6M44140.D | AC46056-002 | 07/29/09 22:08 |
| 6M44141.D | AC46056-003 | 07/29/09 22:24 |
| 6M44142.D | BLK | 07/29/09 22:40 |
| 6M44143.D | AC45991-001(20X) | 07/29/09 22:56 |
| 6M44144.D | AC45991-002(20X) | 07/29/09 23:12 |
| 6M44145.D | AC46053-001(500 | 07/29/09 23:28 |
| 6M44146.D | AC46053-002(500 | 07/29/09 23:43 |
| 6M44147.D | BLK | 07/29/09 23:59 |
| 6M44148.D | BLK | 07/30/09 00:15 |
| 6M44149.D | BLK | 07/30/09 00:31 |
| 6M44150.D | BLK | 07/30/09 00:47 |
| 6M44151.D | BLK | 07/30/09 01:02 |
| 6M44152.D | BLK | 07/30/09 01:18 |

# Form 5

**Tune Name:** BFB TUNE
**Instrument:** GCMS 6
**Data File:** 6M44087.D
**Analysis Date:** 07/29/09 07:44
**Method:** EPA 8260B

**Tune Scan/Time Range:** Average of 4.200 to 4.219 min

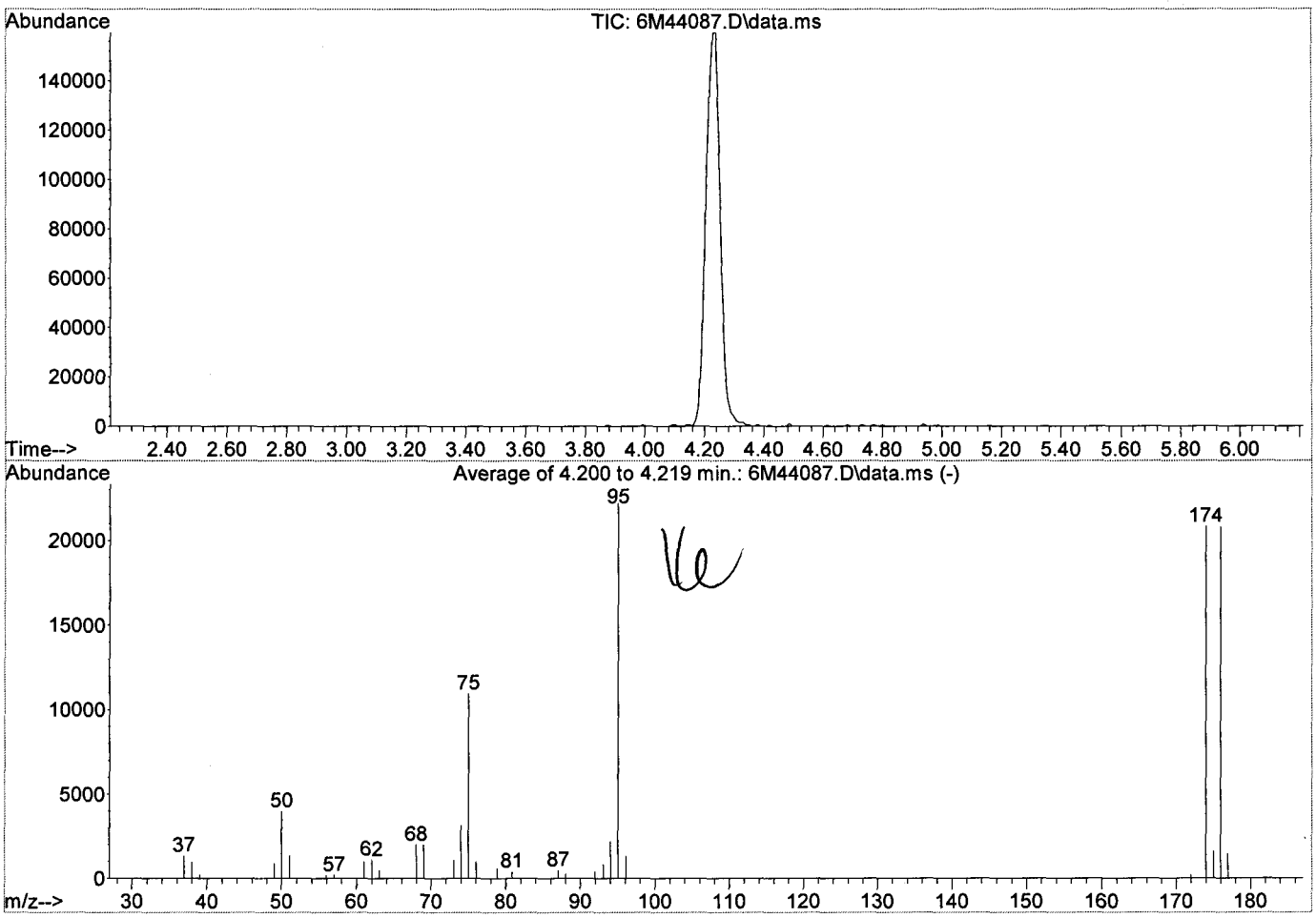
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.8 | 3963 | PASS |
| 75 | 95 | 30 | 60 | 49.3 | 10949 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22207 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1315 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 93.7 | 20817 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 1573 | PASS |
| 176 | 174 | 95 | 101 | 99.9 | 20794 | PASS |
| 177 | 176 | 5 | 9 | 6.9 | 1437 | PASS |

6M44153.D BLK 07/30/09 01:34

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Data File : 6M44087.D
Acq On : 29 Jul 2009 7:44
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0720.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.200 to 4.219 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.8 | 3963 | PASS |
| 75 | 95 | 30 | 60 | 49.3 | 10949 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22207 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1315 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 93.7 | 20817 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 1573 | PASS |
| 176 | 174 | 95 | 101 | 99.9 | 20794 | PASS |
| 177 | 176 | 5 | 9 | 6.9 | 1437 | PASS |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44158.D
**Instrument:** GCMS 6 **Analysis Date:** 07/30/09 06:47
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.210 to 4.230 min

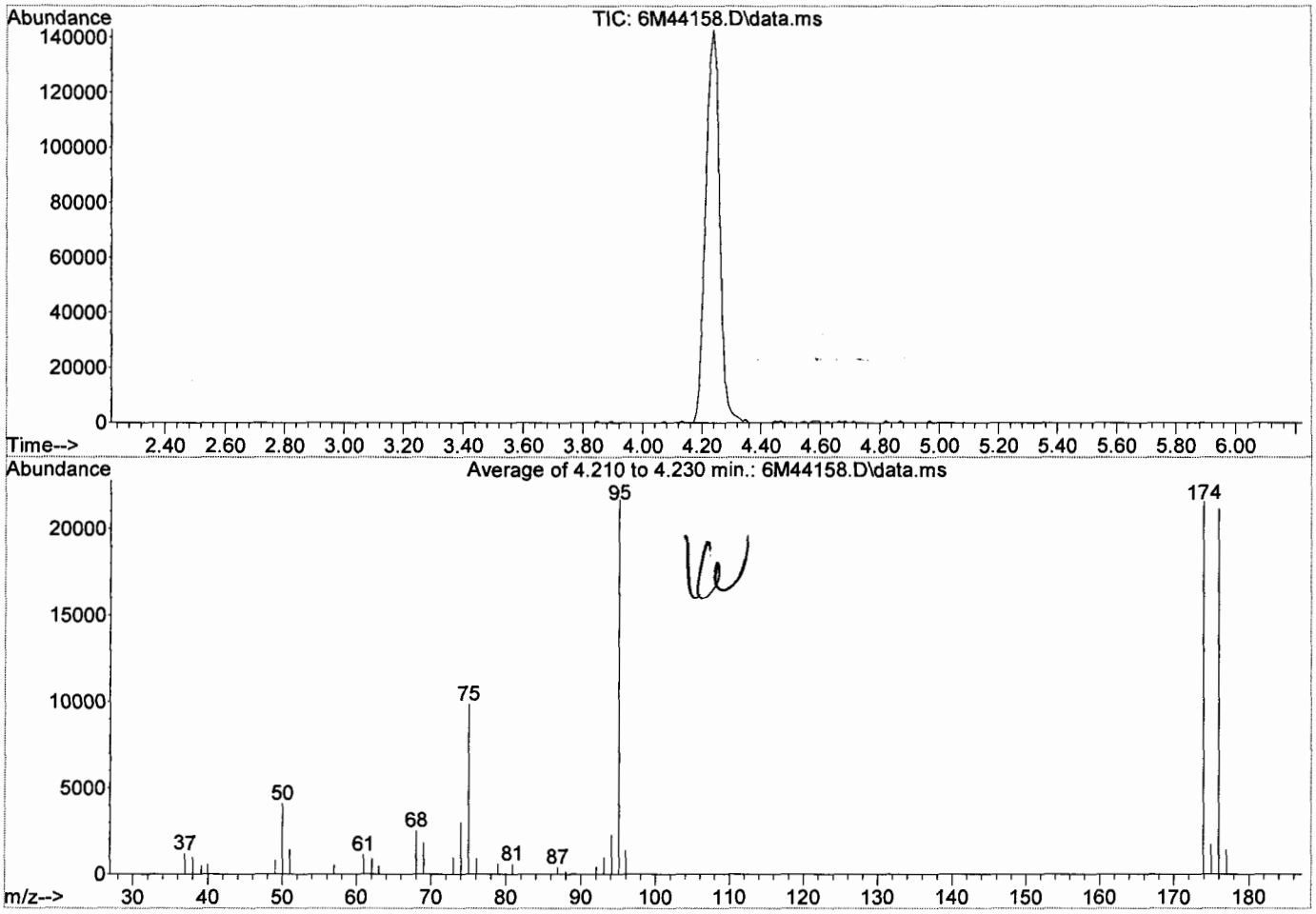
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.9 | 4095 | PASS |
| 75 | 95 | 30 | 60 | 45.3 | 9829 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21699 | PASS |
| 96 | 95 | 5 | 9 | 6.3 | 1361 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 99.4 | 21572 | PASS |
| 175 | 174 | 5 | 9 | 8.0 | 1720 | PASS |
| 176 | 174 | 95 | 101 | 98.0 | 21148 | PASS |
| 177 | 176 | 5 | 9 | 6.6 | 1395 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44159.D | 20 PPB | 07/30/09 06:58 |
| 6M44160.D | 20 PPB | 07/30/09 07:22 |
| 6M44161.D | BLK | 07/30/09 07:39 |
| 6M44162.D | BLK | 07/30/09 07:52 |
| 6M44163.D | 1 PPB | 07/30/09 08:03 |
| 6M44164.D | CAL @ 0.5 PPB | 07/30/09 08:19 |
| 6M44165.D | CAL @ 5 PPB | 07/30/09 08:35 |
| 6M44166.D | CAL @ 20 PPB | 07/30/09 08:51 |
| 6M44167.D | CAL @ 500 PPB | 07/30/09 09:07 |
| 6M44168.D | CAL @ 250 PPB | 07/30/09 09:23 |
| 6M44169.D | CAL @ 100 PPB | 07/30/09 09:38 |
| 6M44170.D | CAL @ 50 PPB | 07/30/09 09:54 |
| 6M44171.D | CAL @ 10 PPB | 07/30/09 10:10 |
| 6M44172.D | BLK | 07/30/09 10:35 |
| 6M44173.D | BLK | 07/30/09 10:51 |
| 6M44174.D | CAL @ 1 PPB | 07/30/09 11:07 |
| 6M44175.D | STDTEST | 07/30/09 11:37 |
| 6M44176.D | BLK | 07/30/09 11:52 |
| 6M44177.D | ICV | 07/30/09 12:08 |
| 6M44178.D | BLK | 07/30/09 12:24 |
| 6M44179.D | DAILY BLANK | 07/30/09 12:40 |
| 6M44180.D | DAILY BLANK | 07/30/09 12:56 |
| 6M44181.D | AC46032-001 | 07/30/09 13:12 |
| 6M44182.D | AC46045-001(4uL) | 07/30/09 13:28 |

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-30-09\
Data File : 6M44158.D
Acq On : 30 Jul 2009 6:47
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0720.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.210 to 4.230 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.9 | 4095 | PASS |
| 75 | 95 | 30 | 60 | 45.3 | 9829 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21699 | PASS |
| 96 | 95 | 5 | 9 | 6.3 | 1361 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 99.4 | 21572 | PASS |
| 175 | 174 | 5 | 9 | 8.0 | 1720 | PASS |
| 176 | 174 | 95 | 101 | 98.0 | 21148 | PASS |
| 177 | 176 | 5 | 9 | 6.6 | 1395 | PASS |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44183.D
**Instrument:** GCMS 6 **Analysis Date:** 07/30/09 13:40
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.180 to 4.200 min

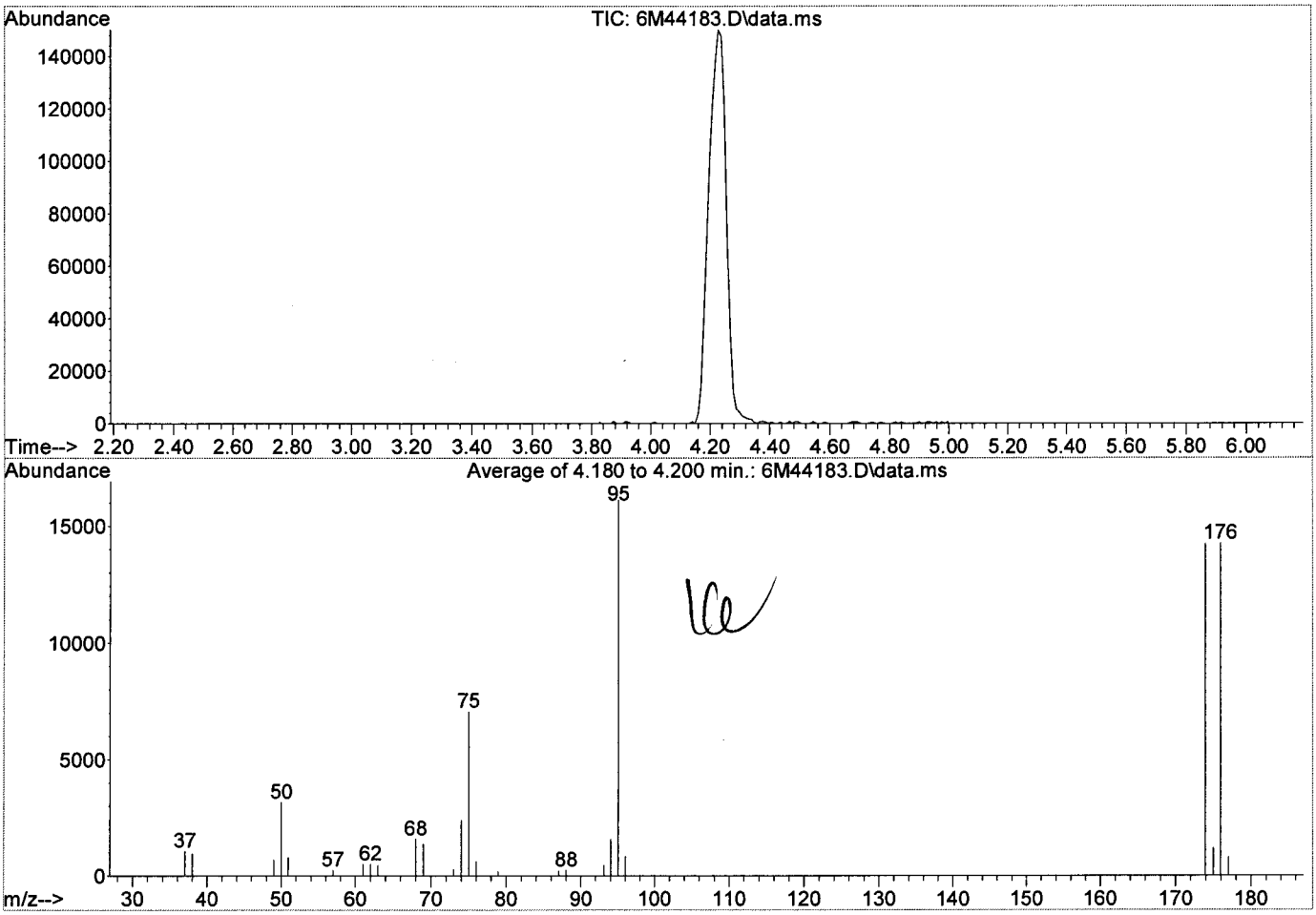
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 19.6 | 3156 | PASS |
| 75 | 95 | 30 | 60 | 43.8 | 7052 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 16101 | PASS |
| 96 | 95 | 5 | 9 | 5.2 | 834 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 88.4 | 14229 | PASS |
| 175 | 174 | 5 | 9 | 8.2 | 1172 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 14247 | PASS |
| 177 | 176 | 5 | 9 | 5.5 | 782 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44184.D | CAL @ 20 PPB | 07/30/09 13:51 |
| 6M44185.D | BLKHCL | 07/30/09 14:12 |
| 6M44186.D | DAILY BLANK | 07/30/09 14:29 |
| 6M44187.D | MBS12922 | 07/30/09 14:45 |
| 6M44188.D | AC45984-007(MS: | 07/30/09 15:02 |
| 6M44189.D | AC45984-008(MSD | 07/30/09 15:17 |
| 6M44190.D | AC45984-006 | 07/30/09 15:33 |
| 6M44191.D | AC45984-001 | 07/30/09 15:49 |
| 6M44192.D | AC45975-014 | 07/30/09 16:05 |
| 6M44193.D | 45984-006 | 07/30/09 16:21 |
| 6M44194.D | BLK | 07/30/09 16:36 |
| 6M44195.D | DAILY BLANK | 07/30/09 16:52 |
| 6M44196.D | AC46035-001 | 07/30/09 17:08 |
| 6M44197.D | AC46035-002 | 07/30/09 17:24 |
| 6M44198.D | MBS12927 | 07/30/09 17:40 |
| 6M44199.D | MBS12928 | 07/30/09 17:56 |
| 6M44200.D | BLK | 07/30/09 18:11 |
| 6M44201.D | AC46069-013 | 07/30/09 18:27 |
| 6M44202.D | AC46065-003 | 07/30/09 18:43 |
| 6M44203.D | AC46069-012 | 07/30/09 18:59 |
| 6M44204.D | AC46069-001 | 07/30/09 19:15 |
| 6M44205.D | AC46069-002 | 07/30/09 19:30 |
| 6M44206.D | AC46069-003 | 07/30/09 19:46 |
| 6M44207.D | AC46069-004 | 07/30/09 20:02 |
| 6M44208.D | AC46069-005 | 07/30/09 20:18 |
| 6M44209.D | AC46069-006 | 07/30/09 20:33 |
| 6M44210.D | AC46069-007 | 07/30/09 20:49 |
| 6M44211.D | AC46069-009 | 07/30/09 21:05 |
| 6M44212.D | AC46069-010 | 07/30/09 21:21 |
| 6M44213.D | AC46069-011 | 07/30/09 21:37 |
| 6M44214.D | AC46069-008 | 07/30/09 21:52 |
| 6M44215.D | BLK | 07/30/09 22:08 |
| 6M44216.D | BLK | 07/30/09 22:24 |
| 6M44217.D | AC46064-011 | 07/30/09 22:40 |
| 6M44218.D | AC46065-001 | 07/30/09 22:55 |
| 6M44219.D | AC46065-002 | 07/30/09 23:11 |
| 6M44220.D | AC46088-003 | 07/30/09 23:27 |
| 6M44221.D | AC46088-004 | 07/30/09 23:43 |
| 6M44222.D | AC46088-005 | 07/30/09 23:58 |
| 6M44223.D | AC46088-006 | 07/31/09 00:14 |
| 6M44224.D | AC46088-007 | 07/31/09 00:30 |
| 6M44225.D | AC46088-009 | 07/31/09 00:46 |
| 6M44226.D | BLK | 07/31/09 01:01 |
| 6M44227.D | BLK | 07/31/09 01:17 |
| 6M44228.D | BLK | 07/31/09 01:33 |
| 6M44229.D | BLK | 07/31/09 01:49 |
| 6M44230.D | BLK | 07/31/09 02:04 |
| 6M44231.D | BLK | 07/31/09 02:20 |
| 6M44232.D | BLK | 07/31/09 02:36 |
| 6M44233.D | BLKJUG#2 | 07/31/09 05:33 |
| 6M44234.D | AC46060-003 | 07/31/09 05:50 |
| 6M44235.D | AC46060-002 | 07/31/09 06:05 |
| 6M44236.D | AC46060-001 | 07/31/09 06:21 |
| 6M44237.D | MBS12930 | 07/31/09 06:38 |
| 6M44238.D | AC46060-002 | 07/31/09 06:54 |

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Data File : 6M44183.D
Acq On : 30 Jul 2009 13:40
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0730.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.180 to 4.200 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 19.6 | 3156 | PASS |
| 75 | 95 | 30 | 60 | 43.8 | 7052 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 16101 | PASS |
| 96 | 95 | 5 | 9 | 5.2 | 834 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 88.4 | 14229 | PASS |
| 175 | 174 | 5 | 9 | 8.2 | 1172 | PASS |
| 176 | 174 | 95 | 101 | 100.1 | 14247 | PASS |
| 177 | 176 | 5 | 9 | 5.5 | 782 | PASS |

# Form 5

**Tune Name:** BFB TUNE **Data File:** 6M44244.D
**Instrument:** GCMS 6 **Analysis Date:** 07/31/09 08:32
**Method:** EPA 8260B
**Tune Scan/Time Range:** Average of 4.233 to 4.262 min

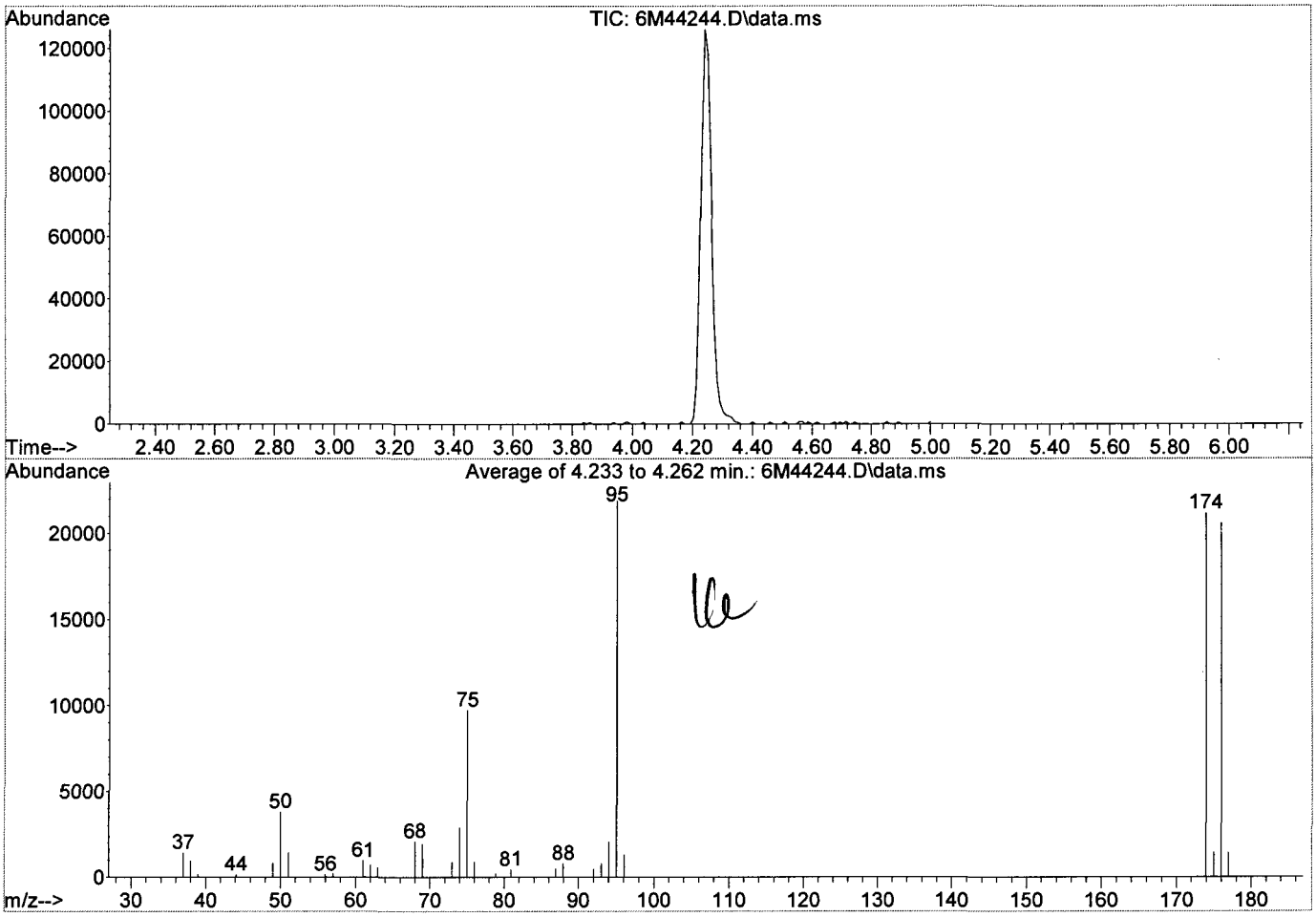
| Tgt Mass | Rel Mass | Lo Lim | Hi Lim | Rel Abund | Raw Abund | Pass/ Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.3 | 3791 | PASS |
| 75 | 95 | 30 | 60 | 44.4 | 9708 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21872 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1292 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 96.7 | 21154 | PASS |
| 175 | 174 | 5 | 9 | 6.7 | 1421 | PASS |
| 176 | 174 | 95 | 101 | 97.4 | 20596 | PASS |
| 177 | 176 | 5 | 9 | 6.8 | 1391 | PASS |

| Data File | Sample Number | Analysis Date: |
|---|---|---|
| 6M44245.D | 20 PPB | 07/31/09 08:48 |
| 6M44246.D | CAL @ 20 PPB | 07/31/09 09:15 |
| 6M44247.D | BLK | 07/31/09 09:34 |
| 6M44248.D | DAILY BLANK | 07/31/09 09:50 |
| 6M44249.D | DAILY BLANK | 07/31/09 10:06 |
| 6M44250.D | MBS12933 | 07/31/09 10:27 |
| 6M44251.D | MBS12934 | 07/31/09 10:43 |
| 6M44252.D | BLK | 07/31/09 10:59 |
| 6M44253.D | AC45984-002 | 07/31/09 11:15 |
| 6M44254.D | AC46027-008(T) | 07/31/09 11:30 |
| 6M44255.D | AC45982-003(T) | 07/31/09 11:46 |
| 6M44256.D | AC45982-004(T) | 07/31/09 12:02 |
| 6M44257.D | BLK | 07/31/09 12:18 |
| 6M44258.D | AC45984-003 | 07/31/09 12:34 |
| 6M44259.D | AC45984-004 | 07/31/09 12:50 |
| 6M44260.D | AC45984-005 | 07/31/09 13:06 |
| 6M44261.D | AC45984-009 | 07/31/09 13:21 |
| 6M44262.D | AC45984-010 | 07/31/09 13:37 |
| 6M44263.D | AC45984-011 | 07/31/09 13:53 |
| 6M44264.D | AC45984-012 | 07/31/09 14:09 |
| 6M44265.D | AC45984-014 | 07/31/09 14:25 |
| 6M44266.D | AC45984-015 | 07/31/09 14:41 |
| 6M44267.D | AC45984-017 | 07/31/09 14:57 |
| 6M44268.D | AC45984-018 | 07/31/09 15:12 |
| 6M44269.D | AC45984-019 | 07/31/09 15:28 |
| 6M44270.D | AC45984-020 | 07/31/09 15:44 |
| 6M44271.D | AC45984-021 | 07/31/09 16:00 |
| 6M44272.D | AC45984-022 | 07/31/09 16:16 |
| 6M44273.D | AC45984-023 | 07/31/09 16:31 |
| 6M44274.D | BLK | 07/31/09 16:48 |
| 6M44275.D | AC45984-005 | 07/31/09 17:04 |
| 6M44276.D | MBS12936 | 07/31/09 17:23 |
| 6M44277.D | AC45984-024 | 07/31/09 17:39 |
| 6M44278.D | AC45984-025 | 07/31/09 17:55 |
| 6M44279.D | AC45984-026 | 07/31/09 18:10 |
| 6M44280.D | AC45984-027 | 07/31/09 18:26 |
| 6M44281.D | AC46080-004 | 07/31/09 18:42 |
| 6M44282.D | AC46080-003 | 07/31/09 18:58 |
| 6M44283.D | AC46080-002 | 07/31/09 19:14 |
| 6M44284.D | AC46080-001 | 07/31/09 19:30 |
| 6M44285.D | BLK | 07/31/09 19:45 |
| 6M44286.D | MBS12937 | 07/31/09 20:01 |
| 6M44287.D | AC46055-002(MS) | 07/31/09 20:17 |
| 6M44288.D | AC46055-002(MSD | 07/31/09 20:33 |
| 6M44289.D | BLK | 07/31/09 20:49 |
| 6M44290.D | AC46095-002 | 07/31/09 21:04 |
| 6M44291.D | AC46095-003 | 07/31/09 21:20 |
| 6M44292.D | AC46096-002 | 07/31/09 21:36 |
| 6M44293.D | AC46096-003 | 07/31/09 21:52 |
| 6M44294.D | AC46097-001 | 07/31/09 22:07 |
| 6M44295.D | AC46097-002 | 07/31/09 22:23 |
| 6M44296.D | AC46098-001 | 07/31/09 22:39 |
| 6M44297.D | AC46098-002 | 07/31/09 22:55 |
| 6M44298.D | AC46095-001 | 07/31/09 23:11 |
| 6M44299.D | AC46096-001 | 07/31/09 23:26 |
| 6M44300.D | BLK | 07/31/09 23:42 |
| 6M44301.D | BLK | 07/31/09 23:58 |
| 6M44302.D | BLK | 08/01/09 00:14 |
| 6M44303.D | BLK | 08/01/09 00:30 |
| 6M44304.D | BLK | 08/01/09 00:45 |

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Data File : 6M44244.D
Acq On : 31 Jul 2009 8:32
Operator : SG
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0730.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009




Spectrum Information: Average of 4.233 to 4.262 min.

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.3 | 3791 | PASS |
| 75 | 95 | 30 | 60 | 44.4 | 9708 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 21872 | PASS |
| 96 | 95 | 5 | 9 | 5.9 | 1292 | PASS |
| 173 | 174 | 0.00 | 2 | 0.0 | 0 | PASS |
| 174 | 95 | 50 | 100 | 96.7 | 21154 | PASS |
| 175 | 174 | 5 | 9 | 6.7 | 1421 | PASS |
| 176 | 174 | 95 | 101 | 97.4 | 20596 | PASS |
| 177 | 176 | 5 | 9 | 6.8 | 1391 | PASS |

# Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M44092.D
Analysis Date: 07/29/09 09:17
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 1.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | | | | |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 6M44092.D
Acq On : 07/29/09 09:17

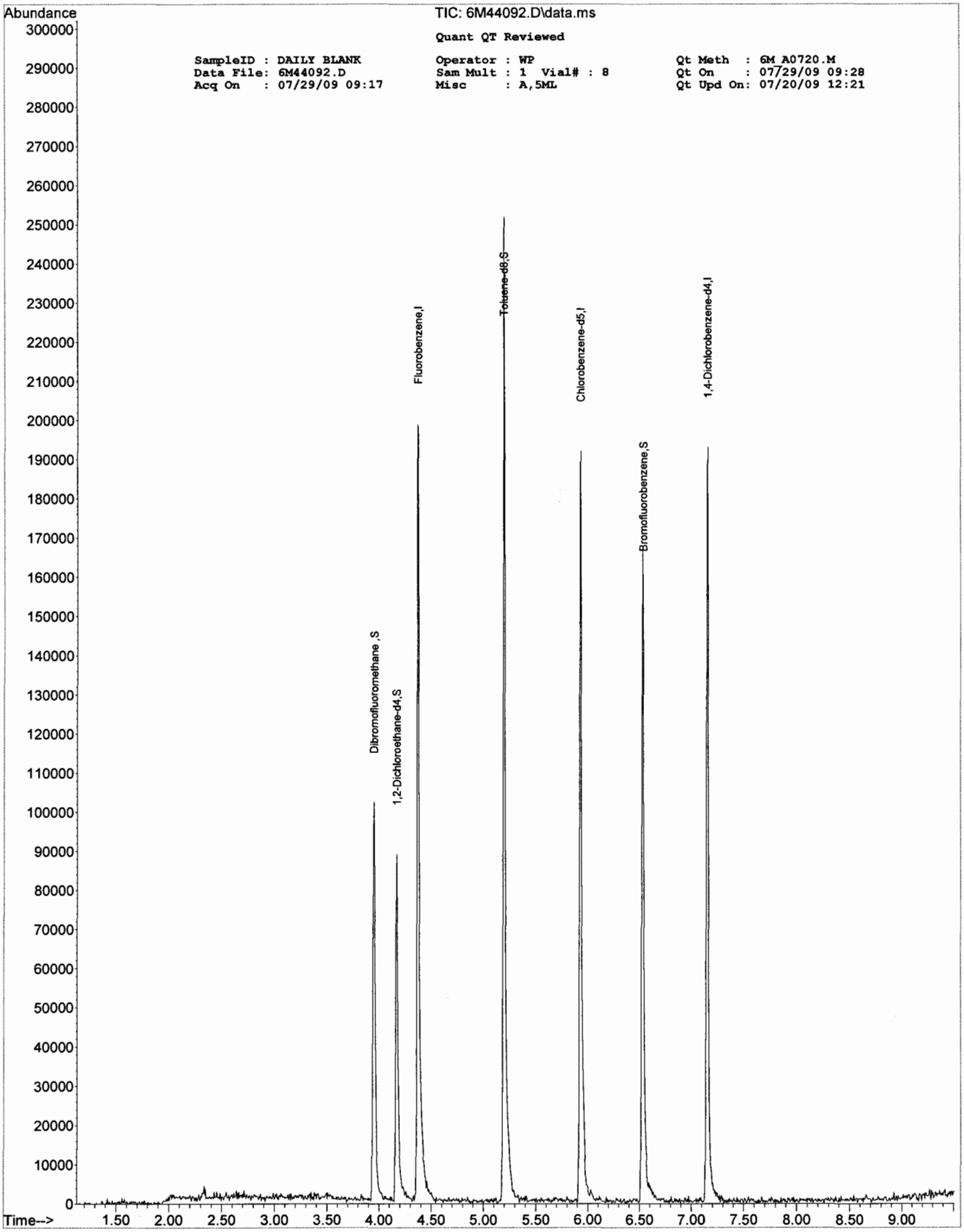
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/29/09 09:28
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 142288 | 30.00 | ug/l | 0.01 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 95259 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 46931 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 48133 | 35.53 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 118.43% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25848 | 35.96 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 119.87% | | |
| 56) Toluene-d8 | 5.193 | 98 | 126188 | 28.24 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.13% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 48664 | 29.93 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 99.77% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44092.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M44092.D
Acq On : 07/29/09 09:17
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/29/09 09:28
Qt Upd On: 07/20/09 12:21
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M44186.D
Analysis Date: 07/30/09 14:29
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | | | | |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 6M44186.D
Acq On : 07/30/09 14:29

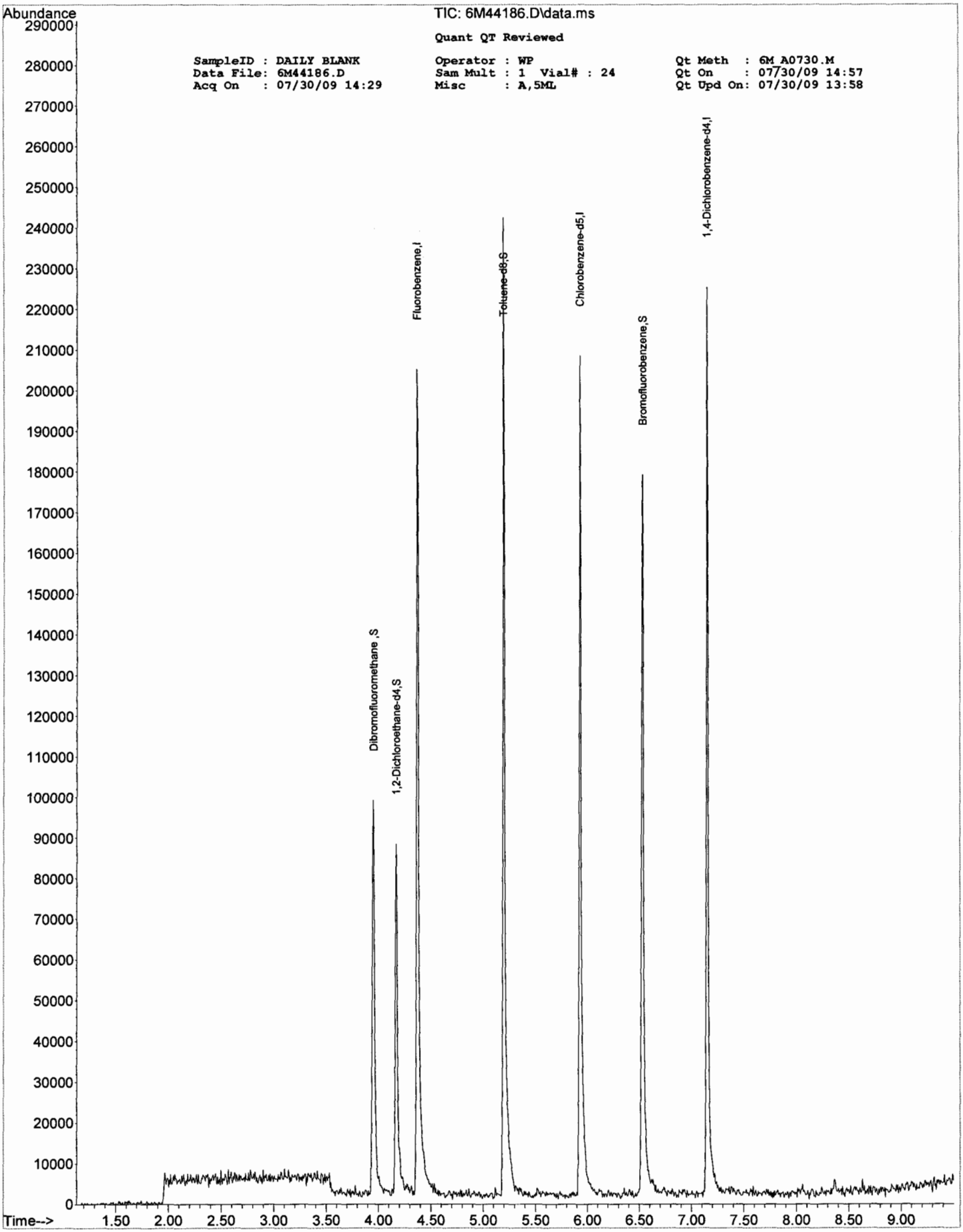
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML

Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:57
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 139866 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 97223 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 48074 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 43881 | 29.21 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.37% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25978 | 32.25 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.50% | | |
| 56) Toluene-d8 | 5.193 | 98 | 120387 | 26.96 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 89.87% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 50561 | 29.17 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.23% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44186.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M44186.D
Acq On : 07/30/09 14:29
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:57
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M44249.D
Analysis Date: 07/31/09 10:06
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

**Units: ug/L**

| Cas # | Compound | RL | Conc | Cas # | Compound | RL | Conc |
|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 75-15-0 | Carbon Disulfide | 1.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 56-23-5 | Carbon Tetrachloride | 1.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluor | 1.0 | U | 108-90-7 | Chlorobenzene | 1.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 75-00-3 | Chloroethane | 1.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 67-66-3 | Chloroform | 1.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 74-87-3 | Chloromethane | 1.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1.0 | U | 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 110-82-7 | Cyclohexane | 1.0 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.0 | U | 124-48-1 | Dibromochloromethane | 1.0 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropa | 1.0 | U | 75-71-8 | Dichlorodifluoromethane | 1.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 100-41-4 | Ethylbenzene | 1.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 98-82-8 | Isopropylbenzene | 1.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 136777612 | m&p-Xylenes | 1.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 79-20-9 | Methyl Acetate | 1.0 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.0 | U | 108-87-2 | Methylcyclohexane | 1.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 75-09-2 | Methylene Chloride | 1.0 | U |
| 142-28-9 | 1,3-Dichloropropane | 1.0 | U | 1634-04-4 | Methyl-t-butyl ether | 0.50 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 104-51-8 | n-Butylbenzene | 1.0 | U |
| 123-91-1 | 1,4-Dioxane | 50 | U | 103-65-1 | n-Propylbenzene | 1.0 | U |
| 78-93-3 | 2-Butanone | 1.0 | U | 95-47-6 | o-Xylene | 1.0 | U |
| 110-75-8 | 2-Chloroethylvinylether | 1.0 | U | 135-98-8 | sec-Butylbenzene | 1.0 | U |
| 591-78-6 | 2-Hexanone | 5.0 | U | 100-42-5 | Styrene | 1.0 | U |
| 99-87-6 | 4-Isopropyltoluene | 1.0 | U | 75-65-0 | t-Butyl Alcohol | 5.0 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.0 | U | 98-06-6 | t-Butylbenzene | 1.0 | U |
| 67-64-1 | Acetone | 5.0 | U | 127-18-4 | Tetrachloroethene | 1.0 | U |
| 107-02-8 | Acrolein | 5.0 | U | 108-88-3 | Toluene | 1.0 | U |
| 107-13-1 | Acrylonitrile | 1.0 | U | 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U |
| 71-43-2 | Benzene | 0.50 | U | 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U |
| 74-97-5 | Bromochloromethane | 1.0 | U | 79-01-6 | Trichloroethene | 1.0 | U |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 75-69-4 | Trichlorofluoromethane | 1.0 | U |
| 75-25-2 | Bromoform | 1.0 | U | 75-01-4 | Vinyl Chloride | 1.0 | U |
| 74-83-9 | Bromomethane | 1.0 | U | | | | |

Worksheet #: 125219

***Total Target Concentration*** 0

***U - Indicates the compound was analyzed but not detected.***
***B - Indicates the analyte was found in the blank as well as in the sample.***
***E - Indicates the analyte concentration exceeds the calibration range of the instrument.***
***R - Retention Time Out***
***J - Indicates an estimated value when a compound is detected at less than the specified detection limit.***
***d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.***

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 6M44249.D
Acq On : 07/31/09 10:06

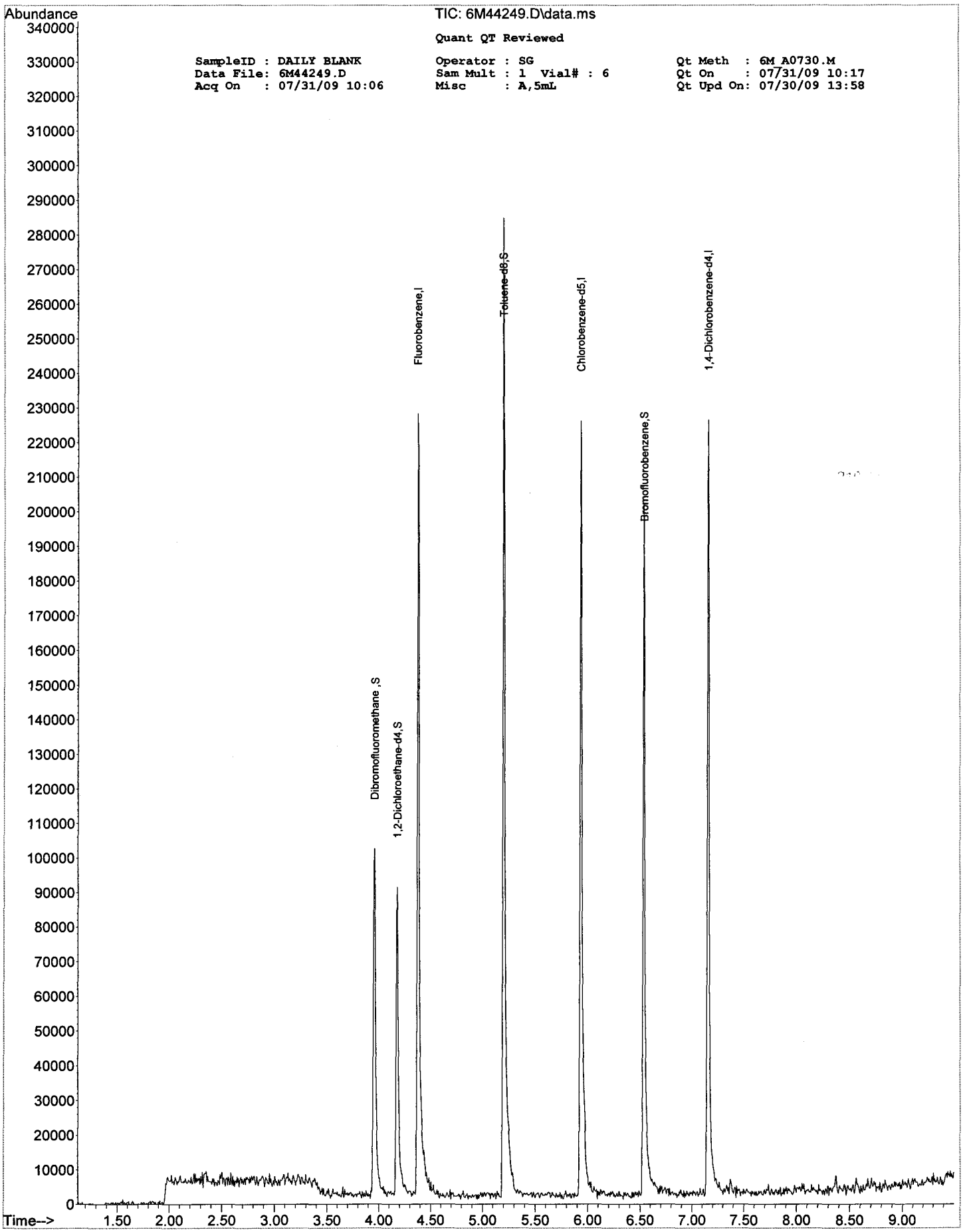
Operator : SG
Sam Mult : 1 Vial# : 6
Misc : A,5mL

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 10:17
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 153581 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.933 | 117 | 102027 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.155 | 152 | 49630 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.959 | 111 | 50496 | 30.61 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 102.03% | | |
| 32) 1,2-Dichloroethane-d4 | 4.176 | 67 | 27240 | 30.80 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.67% | | |
| 56) Toluene-d8 | 5.199 | 98 | 141095 | 30.11 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.37% | | |
| 64) Bromofluorobenzene | 6.535 | 174 | 52534 | 29.36 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 97.87% | | |
| Target Compounds | | | | | | Qvalue |

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


Abundance
TIC: 6M44249.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M44249.D
Acq On : 07/31/09 10:06
Operator : SG
Sam Mult : 1 Vial# : 6
Misc : A,5mL
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 10:17
Qt Upd On: 07/30/09 13:58
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

# Form3

MBS Data

**Method:** 8260

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Data File:==>** | | | | | 6M44008.D | | | 6M44094.D | | | 6M44125.D | | | 6M44198.D | | | 6M44250.D | | |
| **Data/Batch/Sample ID:==>** | | | | | MBS12890-Aq | | | MBS12905-Aq | | | MBS12911-Aq | | | MBS12927-Aq | | | MBS12933-Aq | | |
| **Date/Time:==>** | | | | | 07/27/09 19:00 | | | 07/29/09 09:52 | | | 07/29/09 18:12 | | | 07/30/09 17:40 | | | 07/31/09 10:27 | | |
| Compound | Limit(s) Soil | Aq | Col | Mr | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec |
| 1,1-Dichloroethane | | 44-134 | 1 | 0 | 19.22 | 20 | 96 | 18.7 | 20 | 94 | 17.82 | 20 | 89 | 24.03 | 20 | 120 | 18 | 20 | 90 |
| 1,1-Dichloroethene | | 21-133 | 1 | 0 | 17.47 | 20 | 87 | 17.48 | 20 | 87 | 17.07 | 20 | 85 | 24.48 | 20 | 122 | 18.26 | 20 | 91 |
| 1,2-Dichlorobenzen | | 50-126 | 1 | 0 | 16.81 | 20 | 84 | 14.57 | 20 | 73 | 14.95 | 20 | 75 | 22.05 | 20 | 110 | 18.2 | 20 | 91 |
| 1,2-Dichloroethane | | 43-144 | 1 | 0 | 17.76 | 20 | 89 | 15.34 | 20 | 77 | 16.42 | 20 | 82 | 25.92 | 20 | 130 | 18.53 | 20 | 93 |
| 1,4-Dichlorobenzen | | 45-128 | 1 | 0 | 14.75 | 20 | 74 | 13.73 | 20 | 69 | 13.26 | 20 | 66 | 19.49 | 20 | 97 | 16.27 | 20 | 81 |
| 2-Butanone | | 25-157 | 1 | 0 | 13.93 | 20 | 70 | 13.96 | 20 | 70 | 14.65 | 20 | 73 | 23.8 | 20 | 119 | 16.93 | 20 | 85 |
| Benzene | | 49-135 | 1 | 0 | 15.49 | 20 | 77 | 12.72 | 20 | 64 | 14.57 | 20 | 73 | 25.58 | 20 | 128 | 20.15 | 20 | 101 |
| Carbon Tetrachlorid | | 42-146 | 1 | 0 | 18.16 | 20 | 91 | 16.87 | 20 | 84 | 14.17 | 20 | 71 | 26.99 | 20 | 135 | 20.15 | 20 | 101 |
| Chlorobenzene | | 51-129 | 1 | 0 | 17.33 | 20 | 87 | 15.21 | 20 | 76 | 16.1 | 20 | 81 | 21.71 | 20 | 109 | 17.39 | 20 | 87 |
| Chloroform | | 40-148 | 1 | 0 | 20.61 | 20 | 103 | 18.9 | 20 | 94 | 18.15 | 20 | 91 | 23.53 | 20 | 118 | 17.32 | 20 | 87 |
| *n*-Propylbenzene | | 45-135 | 1 | 0 | 14.77 | 20 | 74 | 12.68 | 20 | 63 | 13.71 | 20 | 69 | 20.88 | 20 | 104 | 18.59 | 20 | 93 |
| sec-Butylbenzene | | 43-123 | 1 | 0 | 13.81 | 20 | 69 | 12.73 | 20 | 64 | 13.82 | 20 | 69 | 19.88 | 20 | 99 | 17.32 | 20 | 87 |
| Tetrachloroethene | | 42-138 | 1 | 0 | 21.02 | 20 | 105 | 19.86 | 20 | 99 | 17.5 | 20 | 88 | 25.38 | 20 | 127 | 19.21 | 20 | 96 |
| Toluene | | 53-129 | 1 | 0 | 18 | 20 | 90 | 15.53 | 20 | 78 | 16.57 | 20 | 83 | 24.11 | 20 | 121 | 19.69 | 20 | 98 |
| Trichloroethene | | 46-127 | 1 | 0 | 19.76 | 20 | 99 | 17.47 | 20 | 87 | 17.32 | 20 | 87 | 23.61 | 20 | 118 | 18.47 | 20 | 92 |
| Vinyl Chloride | | 21-137 | 1 | 0 | 12.43 | 20 | 62 | 16.48 | 20 | 82 | 16.38 | 20 | 82 | 19.29 | 20 | 96 | 14.68 | 20 | 73 |

***Flags/Notes:*** **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44008.D
Acq On : 07/27/09 19:00

Operator : WP
Sam Mult : 1 Vial# : 38
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/28/09 07:18
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 148953 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 98765 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 59067 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 50091 | 35.32 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 117.73% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 27322 | 36.31 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 121.03% | | |
| 56) Toluene-d8 | 5.194 | 98 | 145659 | 31.44 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.80% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 63104 | 30.83 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.77% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.270 | 51 | 50627 | 22.38 | ug/l | 46 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 9673 | 7.52 | ug/l | 90 |
| 4) Chloromethane | 1.391 | 50 | 16011 | 12.30 | ug/l | 77 |
| 5) Bromomethane | 1.691 | 94 | 12245 | 14.26 | ug/l | 87 |
| 6) Vinyl Chloride | 1.466 | 62 | 13654 | 12.43 | ug/l | 91 |
| 7) Chloroethane | 1.760 | 64 | 9919 | 15.31 | ug/l | 100 |
| 8) Trichlorofluoromethane | 1.945 | 101 | 26783 | 15.99 | ug/l | 91 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.299 | 101 | 15583 | 19.98 | ug/l | 87 |
| 10) Methylene Chloride | 2.636 | 84 | 15085 | 16.77 | ug/l | 85 |
| 11) Acrolein | 2.226 | 56 | 12804 | 71.88 | ug/l | 75 |
| 12) Acrylonitrile | 2.810 | 53 | 6067 | 15.96 | ug/l | 81 |
| 13) Iodomethane | 2.413 | 142 | 29024 | 15.51 | ug/l | 86 |
| 14) Acetone | 2.329 | 43 | 26134 | 58.88 | ug/l | 76 |
| 15) Carbon Disulfide | 2.473 | 76 | 42020 | 16.26 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 5695 | 51.00 | ug/l | 81 |
| 17) n-Hexane | 3.057 | 57 | 10161 | 15.00 | ug/l | 83 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 74420 | 15.70 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 24531 | 17.47 | ug/l | 96 |
| 20) Methyl Acetate | 2.563 | 43 | 14702 | 13.51 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.840 | 73 | 50291 | 14.40 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 35220 | 19.22 | ug/l | 97 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 16377 | 20.09 | ug/l | 87 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 29485 | 16.98 | ug/l | 88 |
| 25) Bromochloromethane | 3.785 | 49 | 18280 | 17.81 | ug/l | 90 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 27244 | 17.05 | ug/l | 97 |
| 27) 1,4-Dioxane | 4.760 | 88 | 10428 | 623.35 | ug/l | 82 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 28412 | 19.68 | ug/l | 89 |
| 29) Chloroform | 3.839 | 83 | 45198 | 20.61 | ug/l | 83 |
| 31) Cyclohexane | 4.020 | 56 | 25947 | 16.48 | ug/l | 93 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 37588 | 17.76 | ug/l | 90 |
| 34) 2-Butanone | 3.611 | 43 | 9258 | 13.93 | ug/l | 89 |
| 35) 1,1,1-Trichloroethane | 3.972 | 97 | 39705 | 21.07 | ug/l | 93 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 35978 | 18.16 | ug/l | 98 |
| 37) Vinyl Acetate | 3.201 | 43 | 61343 | 12.83 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 31148 | 16.78 | ug/l | 88 |
| 39) Methylcyclohexane | 4.676 | 83 | 15536 | 16.28 | ug/l | 97 |
| 40) Dibromomethane | 4.754 | 174 | 22344 | 20.37 | ug/l | 93 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 22601 | 17.96 | ug/l | 94 |
| 42) Trichloroethene | 4.574 | 130 | 24199 | 19.76 | ug/l | 93 |
| 43) Benzene | 4.213 | 78 | 82703 | 15.49 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.279 | 73 | 13214 | 4.96 | ug/l | 91 |
| 46) Dibromochloromethane | 5.627 | 129 | 24278 | 15.94 | ug/l | 99 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 8808 | 10.35 | ug/l | 73 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 26554 | 12.48 | ug/l | 90 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 23873 | 11.89 | ug/l | 98 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 19100 | 16.15 | ug/l | 93 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 18934 | 13.85 | ug/l | 75 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 30417 | 17.07 | ug/l | 98 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 18797 | 11.49 | ug/l | 98 |
| 54) 2-Hexanone | 5.537 | 43 | 11143 | 9.62 | ug/l | 91 |
| 55) Tetrachloroethene | 5.507 | 164 | 20703 | 21.02 | ug/l | 89 |
| 57) Toluene | 5.230 | 92 | 50084 | 18.00 | ug/l | 99 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 23136 | 19.95 | ug/l | 88 |
| 59) Chlorobenzene | 5.940 | 112 | 53343 | 17.33 | ug/l | 93 |
| 61) Bromoform | 6.361 | 173 | 18379 | 10.98 | ug/l | 94 |
| 62) Ethylbenzene | 5.988 | 106 | 22504 | 15.23 | ug/l | 72 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 25052 | 13.69 | ug/l | 90 |
| 65) Styrene | 6.253 | 104 | 52996 | 14.03 | ug/l | 98 |
| 66) m&p-Xylenes | 6.042 | 106 | 64656 | 32.40 | ug/l | 90 |

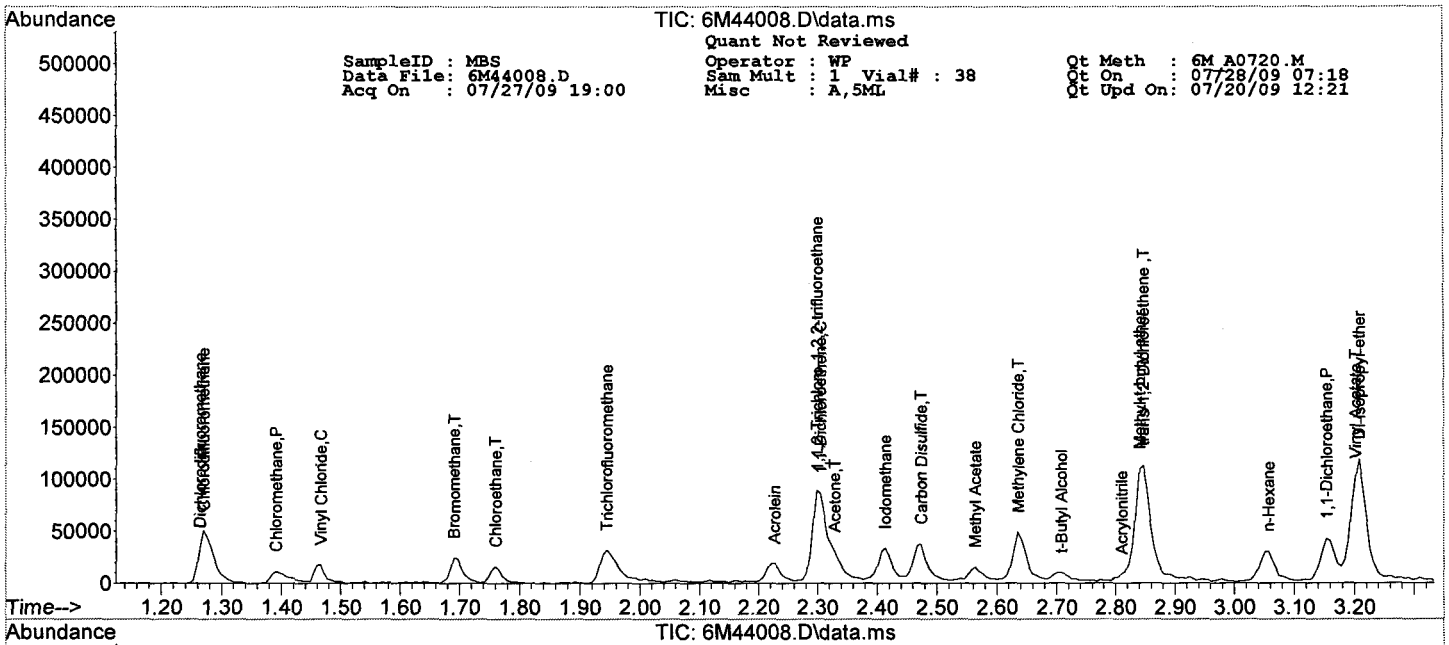
Quantitation Report (Not Reviewed)

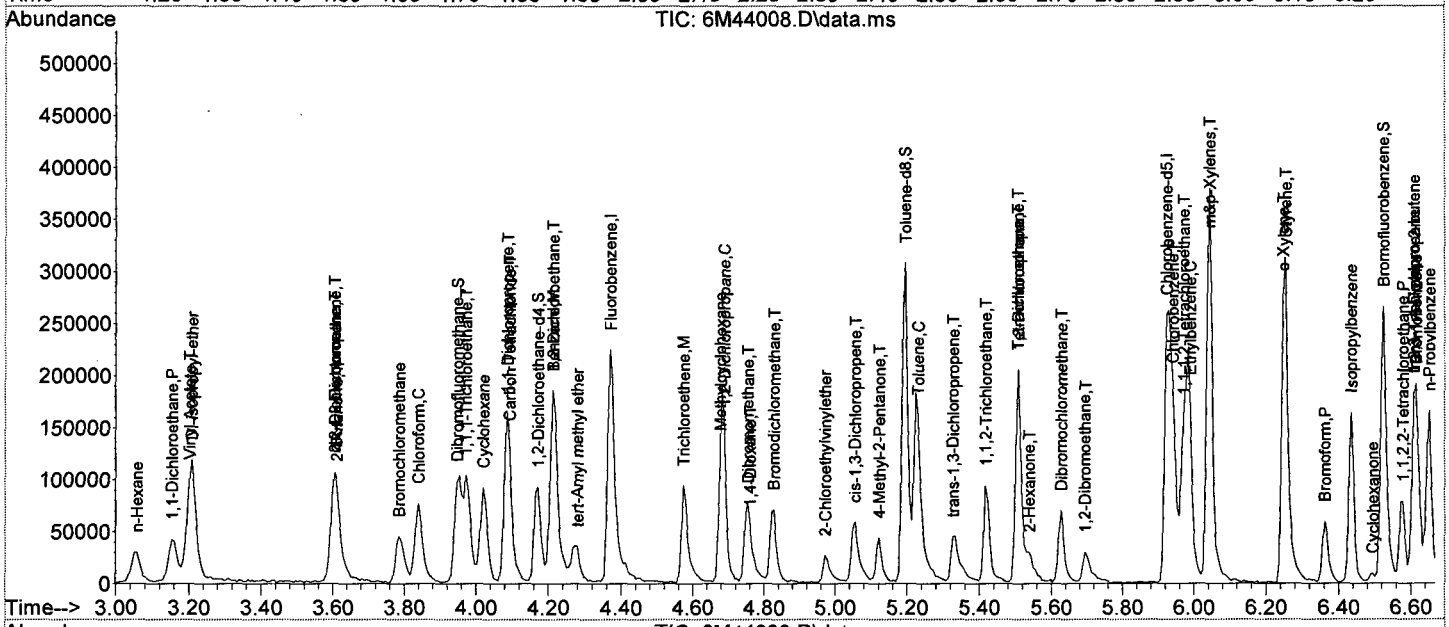
SampleID : MBS Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44008.D Sam Mult : 1 Vial# : 38 Qt On : 07/28/09 07:18
Acq On : 07/27/09 19:00 Misc : A,5ML Qt Upd On: 07/20/09 12:21

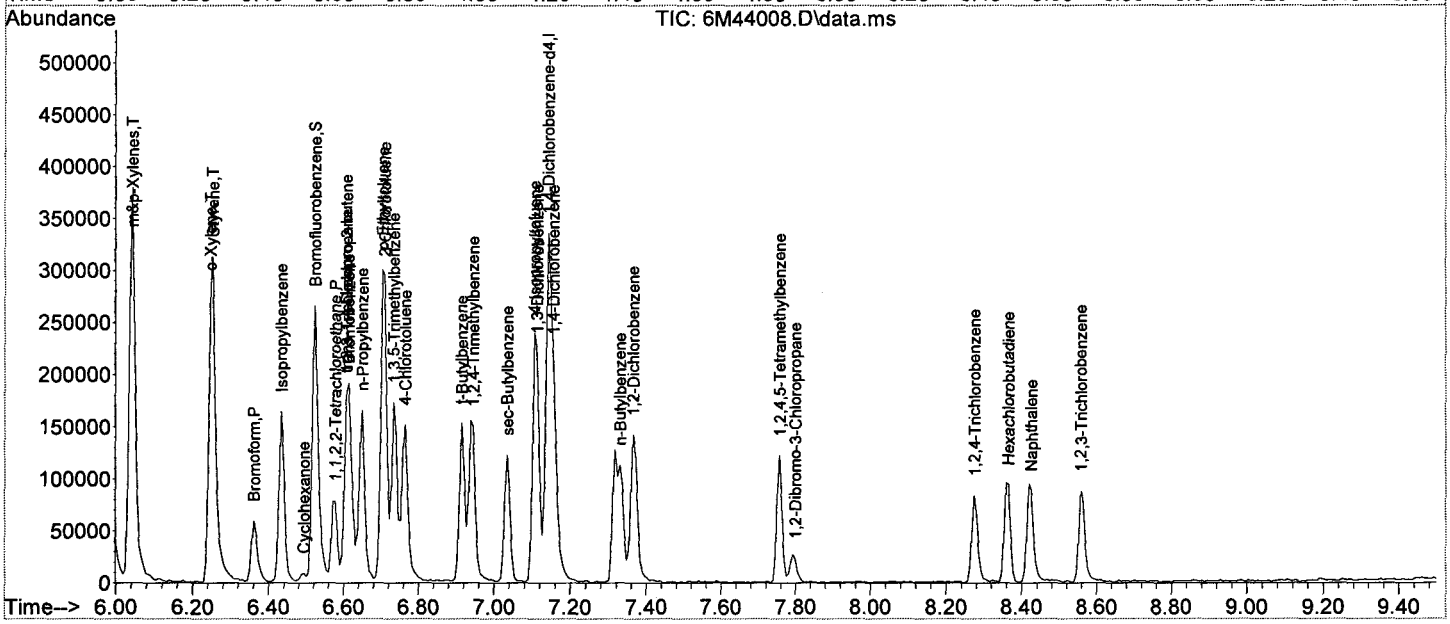
Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 30345 | 15.04 ug/l | 83 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 6487 | 13.17 ug/l | 56 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 41206 | 16.20 ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 42409 | 14.75 ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 44505 | 16.81 ug/l | 88 |
| 72) Isopropylbenzene | 6.433 | 105 | 64045 | 13.66 ug/l | 96 |
| 73) Cyclohexanone | 6.494 | 55 | 3171 | 42.77 ug/l | 81 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 29765 | 13.60 ug/l | 89 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 61253 | 16.20 ug/l | 97 |
| 76) p-Ethyltoluene | 6.704 | 105 | 67204 | 14.94 ug/l | 82 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 52086 | 13.76 ug/l | 92 |
| 78) n-Propylbenzene | 6.650 | 91 | 75782 | 14.77 ug/l | 99 |
| 79) Bromobenzene | 6.614 | 77 | 50526 | 15.52 ug/l | 88 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 62055 | 15.40 ug/l | 90 |
| 81) t-Butylbenzene | 6.915 | 119 | 47443 | 14.67 ug/l | 88 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 62417 | 15.57 ug/l | 90 |
| 83) sec-Butylbenzene | 7.035 | 105 | 52422 | 13.81 ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 43779 | 13.57 ug/l | 91 |
| 85) n-Butylbenzene | 7.330 | 91 | 47980 | 13.79 ug/l | 79 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 43009 | 12.89 ug/l | 88 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.800 | 157 | 5309 | 9.63 ug/l | 62 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 18646 | 15.30 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 20808 | 13.51 ug/l | 92 |
| 91) 1,2,3-Trichlorobenzene | 8.558 | 180 | 23109 | 14.93 ug/l | 94 |
| 92) Naphthalene | 8.425 | 128 | 55732 | 12.09 ug/l | 100 |

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


Abundance
TIC: 6M44008.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44008.D
Acq On : 07/27/09 19:00
Operator : WP
Sam Mult : 1 Vial# : 38
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/28/09 07:18
Qt Upd On: 07/20/09 12:21
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44008.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Tetrachloroethene,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->


Abundance
TIC: 6M44008.D\data.ms
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44094.D
Acq On : 07/29/09 09:52

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/29/09 10:10
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 151586 | 30.00 | ug/l | 0.01 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 99705 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 59401 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 51965 | 36.01 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 120.03% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 25134 | 32.82 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 109.40% | | |
| 56) Toluene-d8 | 5.199 | 98 | 141109 | 30.17 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 100.57% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 64324 | 31.25 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 104.17% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.275 | 51 | 72110 | 31.33 | ug/l | 46 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 13799 | 10.55 | ug/l | 86 |
| 4) Chloromethane | 1.396 | 50 | 20968 | 15.83 | ug/l | 82 |
| 5) Bromomethane | 1.695 | 94 | 14985 | 17.15 | ug/l | 85 |
| 6) Vinyl Chloride | 1.465 | 62 | 18413 | 16.48 | ug/l | 91 |
| 7) Chloroethane | 1.759 | 64 | 11833 | 17.94 | ug/l | 87 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 30748 | 18.03 | ug/l | 90 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.310 | 101 | 14527 | 18.31 | ug/l | 89 |
| 10) Methylene Chloride | 2.641 | 84 | 16829 | 18.39 | ug/l | 64 |
| 11) Acrolein | 2.226 | 56 | 9063 | 49.99 | ug/l | 99 |
| 12) Acrylonitrile | 2.810 | 53 | 6298 | 16.28 | ug/l | 83 |
| 13) Iodomethane | 2.413 | 142 | 28771 | 15.11 | ug/l | 100 |
| 14) Acetone | 2.328 | 43 | 28152 | 63.75 | ug/l | 93 |
| 15) Carbon Disulfide | 2.473 | 76 | 41697 | 15.86 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.713 | 59 | 7074 | 62.25 | ug/l | 79 |
| 17) n-Hexane | 3.057 | 57 | 7222 | 10.48 | ug/l | 91 |
| 18) Di-isopropyl-ether | 3.213 | 45 | 70066 | 14.52 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 24986 | 17.48 | ug/l | 94 |
| 20) Methyl Acetate | 2.563 | 43 | 16386 | 15.04 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 44827 | 12.61 | ug/l | 96 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 34887 | 18.70 | ug/l | 94 |
| 23) trans-1,2-Dichloroethene | 2.852 | 96 | 15695 | 18.92 | ug/l | 97 |
| 24) cis-1,2-Dichloroethene | 3.610 | 61 | 32058 | 18.15 | ug/l | 91 |
| 25) Bromochloromethane | 3.791 | 49 | 15711 | 15.04 | ug/l | 91 |
| 26) 2,2-Dichloropropane | 3.610 | 77 | 30686 | 18.87 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.760 | 88 | 10216 | 600.07 | ug/l | 86 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 26147 | 17.79 | ug/l | 92 |
| 29) Chloroform | 3.845 | 83 | 42177 | 18.90 | ug/l | 84 |
| 31) Cyclohexane | 4.026 | 56 | 19790 | 12.35 | ug/l | 97 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 34441 | 15.34 | ug/l | 98 |
| 34) 2-Butanone | 3.616 | 43 | 9439 | 13.96 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 38113 | 19.88 | ug/l | 100 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 34692 | 16.87 | ug/l | 100 |
| 37) Vinyl Acetate | 3.207 | 43 | 55935 | 11.50 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 28101 | 14.87 | ug/l | 94 |
| 39) Methylcyclohexane | 4.688 | 83 | 14130 | 14.55 | ug/l | 100 |
| 40) Dibromomethane | 4.754 | 174 | 21336 | 19.11 | ug/l | 91 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 19111 | 14.93 | ug/l | 92 |
| 42) Trichloroethene | 4.579 | 130 | 21775 | 17.47 | ug/l | 94 |
| 43) Benzene | 4.218 | 78 | 73052 | 12.72 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.278 | 73 | 42432 | 15.65 | ug/l | 92 |
| 46) Dibromochloromethane | 5.632 | 129 | 21469 | 13.96 | ug/l | 100 |
| 47) 2-Chloroethylvinylether | 4.976 | 63 | 6273 | 7.30 | ug/l | 76 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 22921 | 10.67 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 19718 | 9.73 | ug/l | 86 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 16660 | 13.95 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 17213 | 12.47 | ug/l | 92 |
| 52) 1,3-Dichloropropane | 5.512 | 76 | 27126 | 15.08 | ug/l | 94 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 16048 | 9.72 | ug/l | 89 |
| 54) 2-Hexanone | 5.548 | 43 | 9396 | 8.03 | ug/l | 91 |
| 55) Tetrachloroethene | 5.512 | 164 | 19744 | 19.86 | ug/l | 96 |
| 57) Toluene | 5.229 | 92 | 43636 | 15.53 | ug/l | 87 |
| 58) 1,1,1,2-Tetrachloroethane | 5.975 | 133 | 20165 | 17.22 | ug/l | 62 |
| 59) Chlorobenzene | 5.945 | 112 | 47258 | 15.21 | ug/l | 98 |
| 61) Bromoform | 6.367 | 173 | 17857 | 10.61 | ug/l | 99 |
| 62) Ethylbenzene | 5.988 | 106 | 18880 | 12.71 | ug/l | 90 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 23118 | 12.56 | ug/l | 91 |
| 65) Styrene | 6.258 | 104 | 44741 | 11.78 | ug/l | 93 |
| 66) m&p-Xylenes | 6.048 | 106 | 57721 | 28.77 | ug/l | 88 |

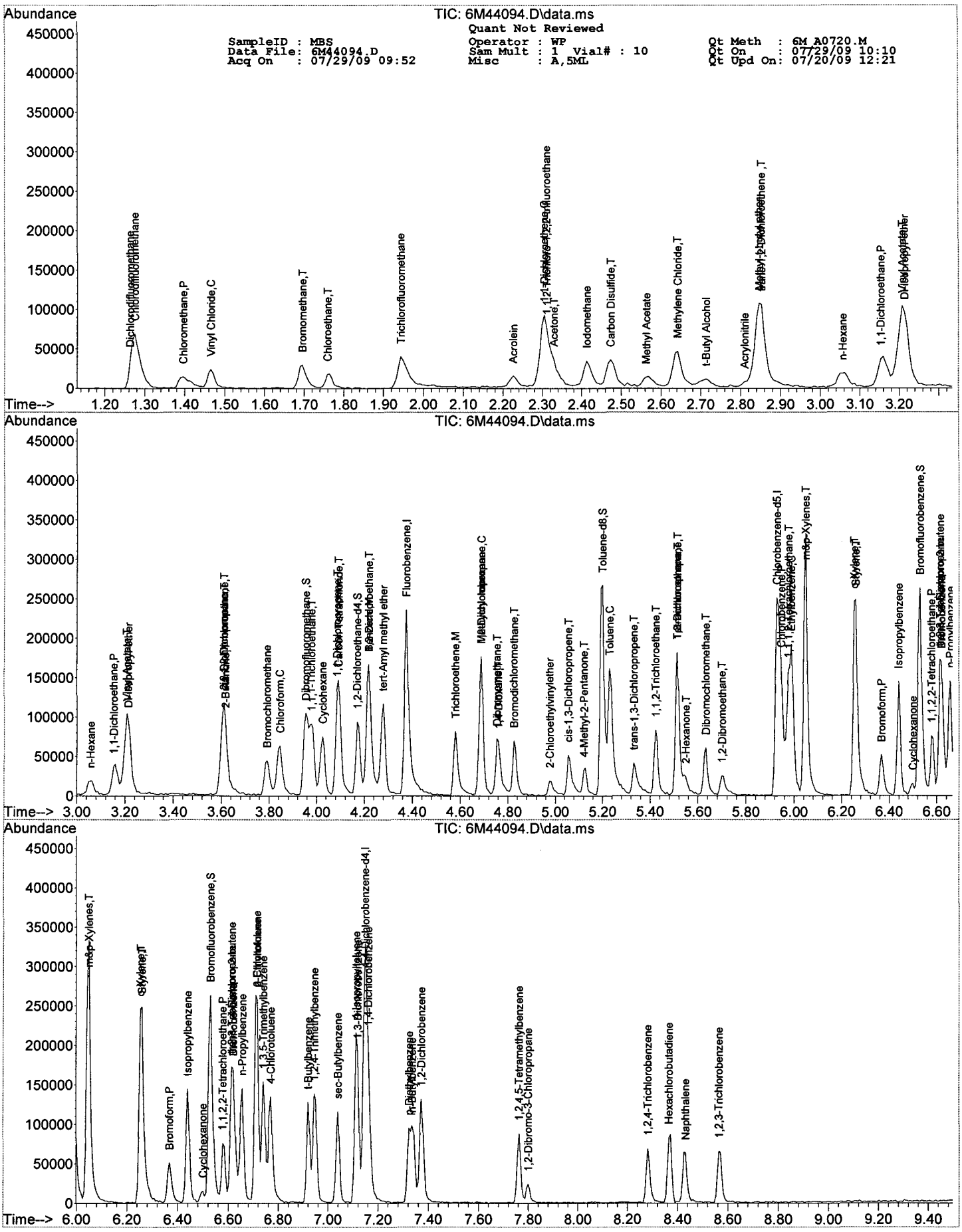
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44094.D Sam Mult : 1 Vial# : 10 Qt On : 07/29/09 10:10
Acq On : 07/29/09 09:52 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.252 | 106 | 26316 | 12.97 ug/l | 83 |
| 68) trans-1,4-Dichloro-2-b... | 6.613 | 53 | 6127 | 12.37 ug/l | 55 |
| 69) 1,3-Dichlorobenzene | 7.119 | 146 | 37827 | 14.79 ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 39696 | 13.73 ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 38787 | 14.57 ug/l | 86 |
| 72) Isopropylbenzene | 6.439 | 105 | 55158 | 11.69 ug/l | 97 |
| 73) Cyclohexanone | 6.499 | 55 | 4077 | 54.68 ug/l | 84 |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 27719 | 12.59 ug/l | 90 |
| 75) 2-Chlorotoluene | 6.716 | 91 | 57856 | 15.22 ug/l | 97 |
| 76) p-Ethyltoluene | 6.716 | 105 | 55102 | 12.18 ug/l | 84 |
| 77) 4-Chlorotoluene | 6.770 | 91 | 47080 | 12.37 ug/l | 91 |
| 78) n-Propylbenzene | 6.656 | 91 | 65424 | 12.68 ug/l | 97 |
| 79) Bromobenzene | 6.619 | 77 | 42993 | 13.13 ug/l | 84 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 54372 | 13.42 ug/l | 90 |
| 81) t-Butylbenzene | 6.920 | 119 | 41146 | 12.65 ug/l | 89 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 57537 | 14.28 ug/l | 93 |
| 83) sec-Butylbenzene | 7.041 | 105 | 48592 | 12.73 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.113 | 119 | 40366 | 12.44 ug/l | 96 |
| 85) n-Butylbenzene | 7.336 | 91 | 43472 | 12.43 ug/l | 83 |
| 86) p-Diethylbenzene | 7.324 | 119 | 18164 | 9.74 ug/l | 88 |
| 87) 1,2,4,5-Tetramethylben... | 7.763 | 119 | 32995 | 9.83 ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 4564 | 8.23 ug/l | 71 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 17266 | 14.07 ug/l | 95 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 17440 | 11.26 ug/l | 92 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 19335 | 12.42 ug/l | 95 |
| 92) Naphthalene | 8.431 | 128 | 39835 | 8.60 ug/l | 100 |

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


Abundance
TIC: 6M44094.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44094.D
Acq On : 07/29/09 09:52
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/29/09 10:10
Qt Upd On: 07/20/09 12:21
Time-->
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44125.D
Acq On : 07/29/09 18:12

Operator : WP
Sam Mult : 1 Vial# : 39
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/30/09 06:26
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.375 | 96 | 170548 | 30.00 | ug/l | 0.01 |
| 45) Chlorobenzene-d5 | 5.928 | 117 | 115299 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.150 | 152 | 65866 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.954 | 111 | 52372 | 32.26 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 107.53% | | |
| 32) 1,2-Dichloroethane-d4 | 4.176 | 67 | 29902 | 34.70 | ug/l | 0.02 |
| Spiked Amount 30.000 | | | Recovery = | 115.67% | | |
| 56) Toluene-d8 | 5.194 | 98 | 158582 | 29.32 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.73% | | |
| 64) Bromofluorobenzene | 6.530 | 174 | 63787 | 27.95 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 93.17% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.278 | 51 | 74699 | 28.85 | ug/l | 48 |
| 3) Dichlorodifluoromethane | 1.266 | 85 | 15527 | 10.55 | ug/l | 82 |
| 4) Chloromethane | 1.399 | 50 | 23108 | 15.51 | ug/l | 77 |
| 5) Bromomethane | 1.699 | 94 | 15791 | 16.06 | ug/l | 82 |
| 6) Vinyl Chloride | 1.462 | 62 | 20591 | 16.38 | ug/l | 97 |
| 7) Chloroethane | 1.762 | 64 | 13744 | 18.52 | ug/l | 97 |
| 8) Trichlorofluoromethane | 1.941 | 101 | 28570 | 14.89 | ug/l | 80 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 16354 | 18.32 | ug/l | 95 |
| 10) Methylene Chloride | 2.642 | 84 | 17676 | 17.17 | ug/l | 75 |
| 11) Acrolein | 2.226 | 56 | 10703 | 52.48 | ug/l | 83 |
| 12) Acrylonitrile | 2.816 | 53 | 6321 | 14.52 | ug/l | 97 |
| 13) Iodomethane | 2.413 | 142 | 33500 | 15.64 | ug/l | 83 |
| 14) Acetone | 2.329 | 43 | 34551 | 71.75 | ug/l | 91 |
| 15) Carbon Disulfide | 2.473 | 76 | 44067 | 14.89 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 7998 | 62.55 | ug/l | 94 |
| 17) n-Hexane | 3.063 | 57 | 6908 | 8.91 | ug/l | 93 |
| 18) Di-isopropyl-ether | 3.213 | 45 | 82023 | 15.11 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 27443 | 17.07 | ug/l | 99 |
| 20) Methyl Acetate | 2.570 | 43 | 17618 | 14.26 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 55133 | 13.79 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.159 | 63 | 37403 | 17.82 | ug/l | 94 |
| 23) trans-1,2-Dichloroethene | 2.852 | 96 | 17788 | 19.06 | ug/l | 84 |
| 24) cis-1,2-Dichloroethene | 3.611 | 61 | 37442 | 18.84 | ug/l | 88 |
| 25) Bromochloromethane | 3.791 | 49 | 19223 | 16.35 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 3.611 | 77 | 27386 | 14.97 | ug/l | 95 |
| 27) 1,4-Dioxane | 4.760 | 88 | 12695 | 662.77 | ug/l | 93 |
| 28) 1,1-Dichloropropene | 4.092 | 75 | 32603 | 19.72 | ug/l | 94 |
| 29) Chloroform | 3.845 | 83 | 45587 | 18.15 | ug/l | 80 |
| 31) Cyclohexane | 4.026 | 56 | 26813 | 14.88 | ug/l | 93 |
| 33) 1,2-Dichloroethane | 4.219 | 62 | 40668 | 16.42 | ug/l | 98 |
| 34) 2-Butanone | 3.617 | 43 | 11146 | 14.65 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.984 | 97 | 40510 | 18.78 | ug/l | 94 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 34490 | 14.17 | ug/l | 88 |
| 37) Vinyl Acetate | 3.213 | 43 | 57418 | 10.49 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 31134 | 14.65 | ug/l | 98 |
| 39) Methylcyclohexane | 4.682 | 83 | 17256 | 15.79 | ug/l | 95 |
| 40) Dibromomethane | 4.754 | 174 | 23465 | 18.68 | ug/l | 84 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 23905 | 16.59 | ug/l | 75 |
| 42) Trichloroethene | 4.580 | 130 | 24275 | 17.32 | ug/l | 91 |
| 43) Benzene | 4.219 | 78 | 90534 | 14.57 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.279 | 73 | 57278 | 18.78 | ug/l | 96 |
| 46) Dibromochloromethane | 5.627 | 129 | 22674 | 12.75 | ug/l | 92 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 10223 | 10.29 | ug/l | 81 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 25929 | 10.44 | ug/l | 87 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 22705 | 9.69 | ug/l | 92 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 19008 | 13.76 | ug/l | 87 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 20265 | 12.70 | ug/l | 88 |
| 52) 1,3-Dichloropropane | 5.513 | 76 | 32127 | 15.44 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 21427 | 11.22 | ug/l | 95 |
| 54) 2-Hexanone | 5.549 | 43 | 14157 | 10.47 | ug/l | 90 |
| 55) Tetrachloroethene | 5.513 | 164 | 20120 | 17.50 | ug/l | 90 |
| 57) Toluene | 5.230 | 92 | 53845 | 16.57 | ug/l | 96 |
| 58) 1,1,1,2-Tetrachloroethane | 5.976 | 133 | 21559 | 15.92 | ug/l | 88 |
| 59) Chlorobenzene | 5.946 | 112 | 57854 | 16.10 | ug/l | 90 |
| 61) Bromoform | 6.367 | 173 | 17531 | 9.39 | ug/l | 94 |
| 62) Ethylbenzene | 5.988 | 106 | 23312 | 14.15 | ug/l | 92 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 25307 | 12.40 | ug/l | 81 |
| 65) Styrene | 6.259 | 104 | 56372 | 13.38 | ug/l | 99 |
| 66) m&p-Xylenes | 6.048 | 106 | 66724 | 29.99 | ug/l | 91 |

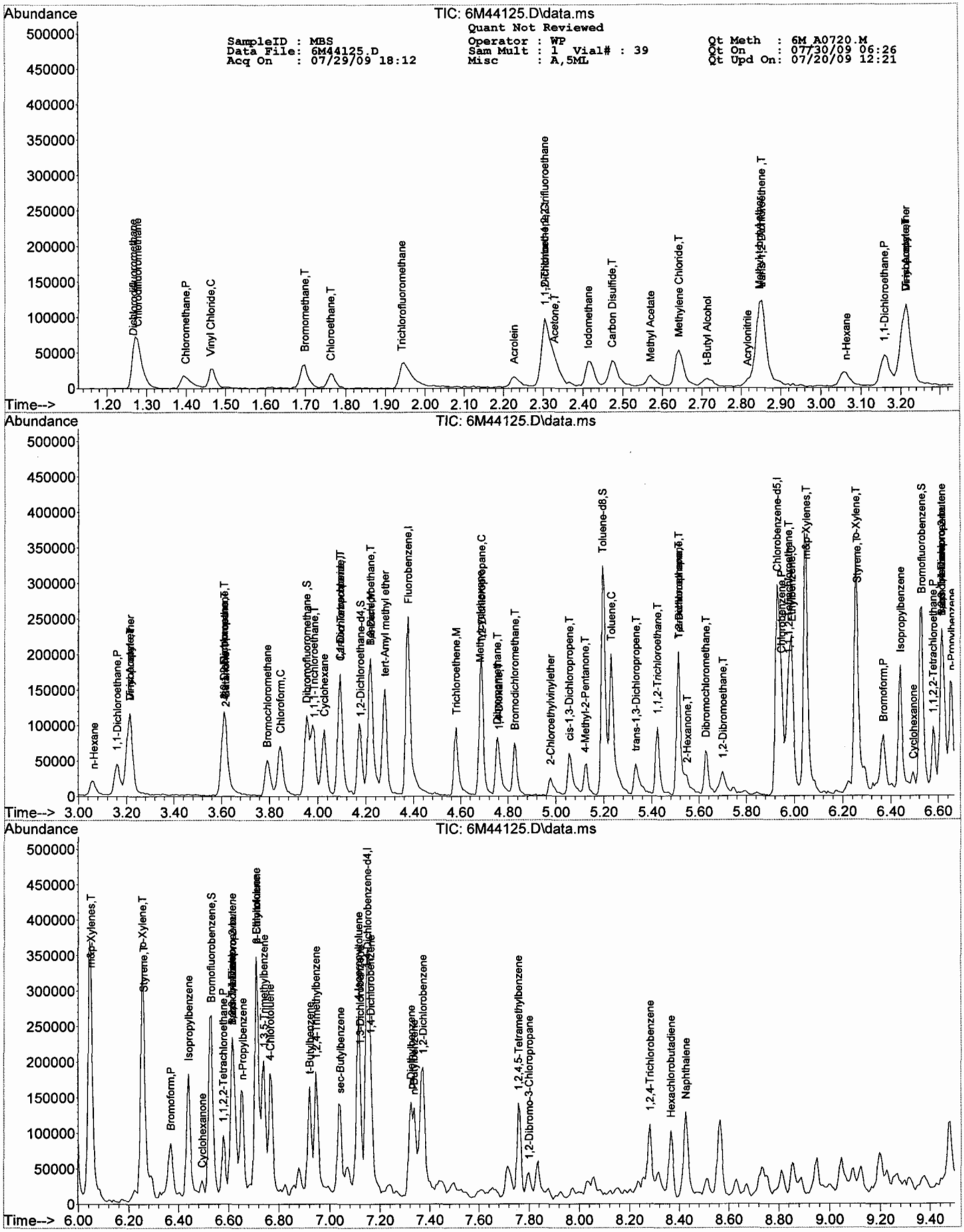
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44125.D Sam Mult : 1 Vial# : 39 Qt On : 07/30/09 06:26
Acq On : 07/29/09 18:12 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.253 | 106 | 34625 | 15.39 | ug/l | 82 |
| 68) trans-1,4-Dichloro-2-b... | 6.614 | 53 | 7083 | 12.90 | ug/l | 46 |
| 69) 1,3-Dichlorobenzene | 7.119 | 146 | 39270 | 13.84 | ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.162 | 146 | 42500 | 13.26 | ug/l | 91 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 44128 | 14.95 | ug/l | 88 |
| 72) Isopropylbenzene | 6.439 | 105 | 72717 | 13.90 | ug/l | 98 |
| 73) Cyclohexanone | 6.494 | 55 | 9271 | 112.13 | ug/l | 95 |
| 74) 1,2,3-Trichloropropane | 6.614 | 75 | 30144 | 12.35 | ug/l | 93 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 66187 | 15.70 | ug/l | 95 |
| 76) p-Ethyltoluene | 6.710 | 105 | 64009 | 12.76 | ug/l | 81 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 53716 | 12.73 | ug/l | 93 |
| 78) n-Propylbenzene | 6.656 | 91 | 78464 | 13.71 | ug/l | 97 |
| 79) Bromobenzene | 6.614 | 77 | 52343 | 14.42 | ug/l | 89 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 58859 | 13.10 | ug/l | 85 |
| 81) t-Butylbenzene | 6.921 | 119 | 50037 | 13.88 | ug/l | 85 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 65214 | 14.59 | ug/l | 92 |
| 83) sec-Butylbenzene | 7.041 | 105 | 58514 | 13.82 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.113 | 119 | 52429 | 14.57 | ug/l | 94 |
| 85) n-Butylbenzene | 7.336 | 91 | 51023 | 13.15 | ug/l | 81 |
| 86) p-Diethylbenzene | 7.324 | 119 | 25857 | 12.50 | ug/l | 94 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 51402 | 13.81 | ug/l | 96 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.800 | 157 | 4764 | 7.75 | ug/l | 70 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 15063 | 11.05 | ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 22831 | 13.29 | ug/l | 89 |
| 92) Naphthalene | 8.425 | 128 | 62892 | 12.24 | ug/l | 100 |

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


TIC: 6M44125.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44125.D
Acq On : 07/29/09 18:12
Operator : WP
Sam Mult : 1 Vial# : 39
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/30/09 06:26
Qt Upd On: 07/20/09 12:21
Abundance
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44198.D
Acq On : 07/30/09 17:40

Operator : WP
Sam Mult : 1 Vial# : 36
Misc : A,5ML

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 05:43
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 152993 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.921 | 117 | 104675 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 60880 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 51947 | 31.61 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 105.37% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 28430 | 32.27 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.57% | | |
| 56) Toluene-d8 | 5.193 | 98 | 146941 | 30.57 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.90% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 64835 | 29.54 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.47% | | |
| Target Compounds | | | | | | Qvalue |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 27531 | 18.70 | ug/l | 80 |
| 4) Chloromethane | 1.391 | 50 | 30323 | 20.65 | ug/l | 69 |
| 5) Bromomethane | 1.691 | 94 | 20994 | 19.91 | ug/l | 77 |
| 6) Vinyl Chloride | 1.466 | 62 | 28419 | 19.29 | ug/l | 95 |
| 7) Chloroethane | 1.760 | 64 | 17244 | 22.41 | ug/l | 86 |
| 8) Trichlorofluoromethane | 1.944 | 101 | 44606 | 24.77 | ug/l | 80 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.298 | 101 | 24147 | 26.13 | ug/l | 96 |
| 10) Methylene Chloride | 2.641 | 84 | 26150 | 27.07 | ug/l | 58 |
| 11) Acrolein | 2.220 | 56 | 23904 | 145.00 | ug/l | 85 |
| 12) Acrylonitrile | 2.810 | 53 | 9433 | 25.79 | ug/l | 95 |
| 13) Iodomethane | 2.413 | 142 | 49416 | 21.81 | ug/l | 96 |
| 14) Acetone | 2.322 | 43 | 44044 | 108.44 | ug/l | 99 |
| 15) Carbon Disulfide | 2.473 | 76 | 72003 | 25.42 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 10657 | 110.93 | ug/l | 75 |
| 17) n-Hexane | 3.057 | 57 | 16634 | 25.45 | ug/l | 85 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 109318 | 22.70 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 38067 | 24.48 | ug/l | 93 |
| 20) Methyl Acetate | 2.563 | 43 | 27493 | 25.66 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.840 | 73 | 79507 | 25.16 | ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 51439 | 24.03 | ug/l | 97 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 21442 | 23.46 | ug/l | 92 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 50837 | 25.77 | ug/l | 89 |
| 25) Bromochloromethane | 3.785 | 49 | 25355 | 23.54 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 44801 | 29.67 | ug/l | 94 |
| 27) 1,4-Dioxane | 4.754 | 88 | 17920 | 1138.17 | ug/l | 80 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 39986 | 25.54 | ug/l | 98 |
| 29) Chloroform | 3.839 | 83 | 61201 | 23.53 | ug/l | 89 |
| 31) Cyclohexane | 4.020 | 56 | 36759 | 21.79 | ug/l | 98 |
| 33) 1,2-Dichloroethane | 4.212 | 62 | 53801 | 25.92 | ug/l | 96 |
| 34) 2-Butanone | 3.610 | 43 | 16488 | 23.80 | ug/l | 95 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 54194 | 25.78 | ug/l | 97 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 49750 | 26.99 | ug/l | 88 |
| 37) Vinyl Acetate | 3.207 | 43 | 87756 | 19.79 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 46461 | 21.65 | ug/l | 97 |
| 39) Methylcyclohexane | 4.682 | 83 | 25259 | 24.25 | ug/l | 93 |
| 40) Dibromomethane | 4.754 | 174 | 35089 | 24.85 | ug/l | 89 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 32986 | 25.19 | ug/l | 99 |
| 42) Trichloroethene | 4.573 | 130 | 32173 | 23.61 | ug/l | 88 |
| 43) Benzene | 4.212 | 78 | 118823 | 25.58 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 70744 | 20.59 | ug/l | 94 |
| 46) Dibromochloromethane | 5.627 | 129 | 38268 | 22.22 | ug/l | 95 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 13182 | 16.02 | ug/l | 84 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 38247 | 17.52 | ug/l | 95 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 34247 | 16.39 | ug/l | 97 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 27784 | 21.92 | ug/l | 88 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 29515 | 21.69 | ug/l | 95 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 44422 | 22.85 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 29921 | 18.57 | ug/l | 97 |
| 54) 2-Hexanone | 5.536 | 43 | 18907 | 17.73 | ug/l | 86 |
| 55) Tetrachloroethene | 5.506 | 164 | 29283 | 25.38 | ug/l | 85 |
| 57) Toluene | 5.229 | 92 | 68047 | 24.11 | ug/l | 96 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 31880 | 23.08 | ug/l | 79 |
| 59) Chlorobenzene | 5.940 | 112 | 74787 | 21.71 | ug/l | 100 |
| 61) Bromoform | 6.361 | 173 | 30339 | 19.46 | ug/l | 98 |
| 62) Ethylbenzene | 5.982 | 106 | 29016 | 20.84 | ug/l | 91 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 37955 | 21.53 | ug/l | 89 |
| 65) Styrene | 6.252 | 104 | 74213 | 23.31 | ug/l | 98 |
| 66) m&p-Xylenes | 6.042 | 106 | 87338 | 53.42 | ug/l | 95 |
| 67) o-Xylene | 6.246 | 106 | 43130 | 25.79 | ug/l | 74 |

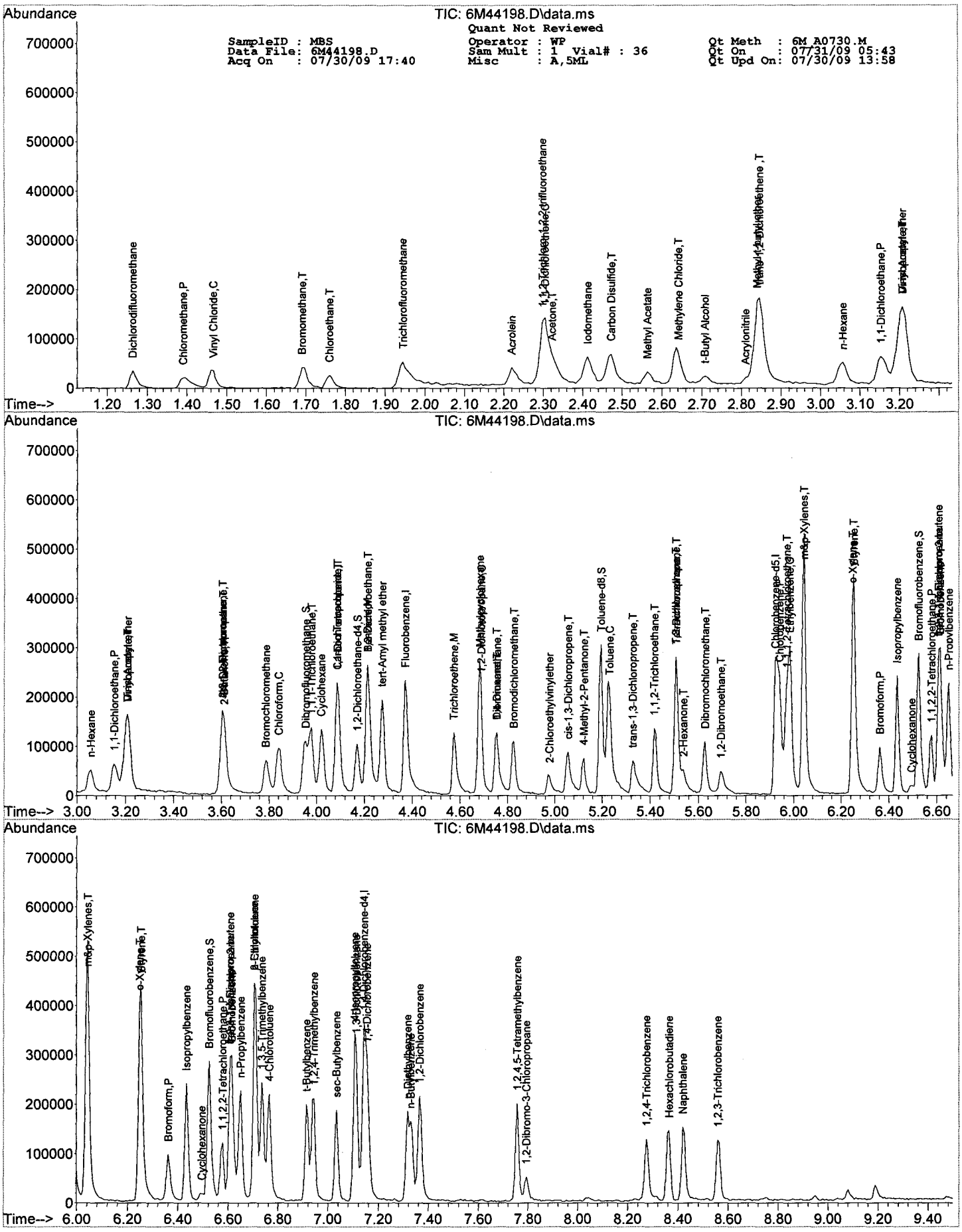
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44198.D Sam Mult : 1 Vial# : 36 Qt On : 07/31/09 05:43
Acq On : 07/30/09 17:40 Misc : A,5ML Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 9015 | 20.61 ug/l | 67 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 55883 | 21.26 ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.155 | 146 | 61435 | 19.49 ug/l | 85 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 62153 | 22.05 ug/l | 85 |
| 72) Isopropylbenzene | 6.433 | 105 | 88790 | 18.84 ug/l | 95 |
| 73) Cyclohexanone | 6.493 | 55 | 5300 | 87.44 ug/l | 92 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 44360 | 20.98 ug/l | 96 |
| 75) 2-Chlorotoluene | 6.704 | 91 | 84147 | 20.45 ug/l | 94 |
| 76) p-Ethyltoluene | 6.704 | 105 | 95684 | 24.65 ug/l | 83 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 73749 | 19.71 ug/l | 87 |
| 78) n-Propylbenzene | 6.650 | 91 | 105153 | 20.88 ug/l | 97 |
| 79) Bromobenzene | 6.614 | 77 | 70924 | 22.67 ug/l | 84 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 84702 | 20.87 ug/l | 92 |
| 81) t-Butylbenzene | 6.915 | 119 | 65440 | 20.03 ug/l | 87 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 85372 | 21.68 ug/l | 90 |
| 83) sec-Butylbenzene | 7.035 | 105 | 76471 | 19.88 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 68238 | 24.56 ug/l | 93 |
| 85) n-Butylbenzene | 7.330 | 91 | 69819 | 20.46 ug/l | 80 |
| 86) p-Diethylbenzene | 7.318 | 119 | 35736 | 19.29 ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 70178 | 21.40 ug/l | 95 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.793 | 157 | 8793 | 19.47 ug/l | 63 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 26409 | 20.15 ug/l | 95 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 31401 | 20.37 ug/l | 96 |
| 91) 1,2,3-Trichlorobenzene | 8.558 | 180 | 32057 | 20.12 ug/l | 94 |
| 92) Naphthalene | 8.419 | 128 | 81394 | 18.79 ug/l | 100 |

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


Abundance
TIC: 6M44198.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44198.D
Acq On : 07/30/09 17:40
Operator : WP
Sam Mult : 1 Vial# : 36
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 05:43
Qt Upd On: 07/30/09 13:58
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44250.D
Acq On : 07/31/09 10:27

Operator : SG
Sam Mult : 1 Vial# : 7
Misc : A,5mL

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 10:55
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 156477 | 30.00 ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 104773 | 30.00 ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 57531 | 30.00 ug/l | 0.00 |
| System Monitoring Compounds | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 48810 | 29.04 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.80% | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26004 | 28.86 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.20% | |
| 56) Toluene-d8 | 5.193 | 98 | 146735 | 30.50 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.67% | |
| 64) Bromofluorobenzene | 6.523 | 174 | 62180 | 29.98 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.93% | |
| Target Compounds | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 55104 | 20.56 ug/l | 74 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 22040 | 14.64 ug/l | 83 |
| 4) Chloromethane | 1.390 | 50 | 25784 | 17.17 ug/l | 80 |
| 5) Bromomethane | 1.696 | 94 | 17470 | 16.20 ug/l | 97 |
| 6) Vinyl Chloride | 1.459 | 62 | 22122 | 14.68 ug/l | 89 |
| 7) Chloroethane | 1.759 | 64 | 14001 | 17.79 ug/l | 95 |
| 8) Trichlorofluoromethane | 1.938 | 101 | 34134 | 18.54 ug/l | 77 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 18586 | 19.66 ug/l | 95 |
| 10) Methylene Chloride | 2.635 | 84 | 18203 | 18.42 ug/l | 73 |
| 11) Acrolein | 2.226 | 56 | 15883 | 94.20 ug/l | 95 |
| 12) Acrylonitrile | 2.815 | 53 | 6476 | 17.31 ug/l | 80 |
| 13) Iodomethane | 2.412 | 142 | 37843 | 16.33 ug/l | 87 |
| 14) Acetone | 2.328 | 43 | 29891 | 65.34 ug/l | 98 |
| 15) Carbon Disulfide | 2.472 | 76 | 54339 | 18.76 ug/l | 100 |
| 16) t-Butyl Alcohol | 2.701 | 59 | 6245 | 63.56 ug/l | 89 |
| 17) n-Hexane | 3.050 | 57 | 14510 | 21.71 ug/l | 87 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 81096 | 16.46 ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.298 | 61 | 29038 | 18.26 ug/l | 96 |
| 20) Methyl Acetate | 2.563 | 43 | 18376 | 16.77 ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.840 | 73 | 51016 | 15.78 ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 39416 | 18.00 ug/l | 95 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 18049 | 19.31 ug/l | 99 |
| 24) cis-1,2-Dichloroethene | 3.610 | 61 | 37879 | 18.77 ug/l | 85 |
| 25) Bromochloromethane | 3.784 | 49 | 19175 | 17.41 ug/l | 98 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 38013 | 24.62 ug/l | 94 |
| 27) 1,4-Dioxane | 4.759 | 88 | 12829 | 796.68 ug/l | 88 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 31677 | 19.78 ug/l | 98 |
| 29) Chloroform | 3.839 | 83 | 46060 | 17.32 ug/l | 80 |
| 31) Cyclohexane | 4.019 | 56 | 31239 | 18.10 ug/l | 98 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 39340 | 18.53 ug/l | 87 |
| 34) 2-Butanone | 3.622 | 43 | 12000 | 16.93 ug/l | 88 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 41861 | 19.47 ug/l | 97 |
| 36) Carbon Tetrachloride | 4.085 | 117 | 37980 | 20.15 ug/l | 98 |
| 37) Vinyl Acetate | 3.207 | 43 | 72871 | 16.07 ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 31863 | 14.52 ug/l | 99 |
| 39) Methylcyclohexane | 4.681 | 83 | 22092 | 20.73 ug/l | 93 |
| 40) Dibromomethane | 4.753 | 174 | 24187 | 16.75 ug/l | 95 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 23655 | 17.66 ug/l | 89 |
| 42) Trichloroethene | 4.573 | 130 | 25739 | 18.47 ug/l | 90 |
| 43) Benzene | 4.212 | 78 | 95725 | 20.15 ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 51451 | 14.64 ug/l | 96 |
| 46) Dibromochloromethane | 5.626 | 129 | 26319 | 15.27 ug/l | 91 |
| 47) 2-Chloroethylvinylether | 4.976 | 63 | 10676 | 12.96 ug/l | 94 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 31287 | 14.32 ug/l | 95 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 27714 | 13.25 ug/l | 90 |
| 50) 1,1,2-Trichloroethane | 5.421 | 97 | 19153 | 15.10 ug/l | 79 |
| 51) 1,2-Dibromoethane | 5.692 | 107 | 21987 | 16.15 ug/l | 91 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 34087 | 17.52 ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 19377 | 12.01 ug/l | 84 |
| 54) 2-Hexanone | 5.542 | 43 | 12501 | 11.71 ug/l | 97 |
| 55) Tetrachloroethene | 5.512 | 164 | 22181 | 19.21 ug/l | 96 |
| 57) Toluene | 5.229 | 92 | 55608 | 19.69 ug/l | 97 |
| 58) 1,1,1,2-Tetrachloroethane | 5.969 | 133 | 24049 | 17.39 ug/l | 81 |
| 59) Chlorobenzene | 5.939 | 112 | 59951 | 17.39 ug/l | 95 |
| 61) Bromoform | 6.360 | 173 | 19383 | 13.15 ug/l | 88 |
| 62) Ethylbenzene | 5.987 | 106 | 24440 | 18.58 ug/l | 89 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 26756 | 16.06 ug/l | 96 |
| 65) Styrene | 6.258 | 104 | 61819 | 20.54 ug/l | 86 |
| 66) m&p-Xylenes | 6.041 | 106 | 68357 | 44.24 ug/l | 87 |

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44250.D
Acq On : 07/31/09 10:27

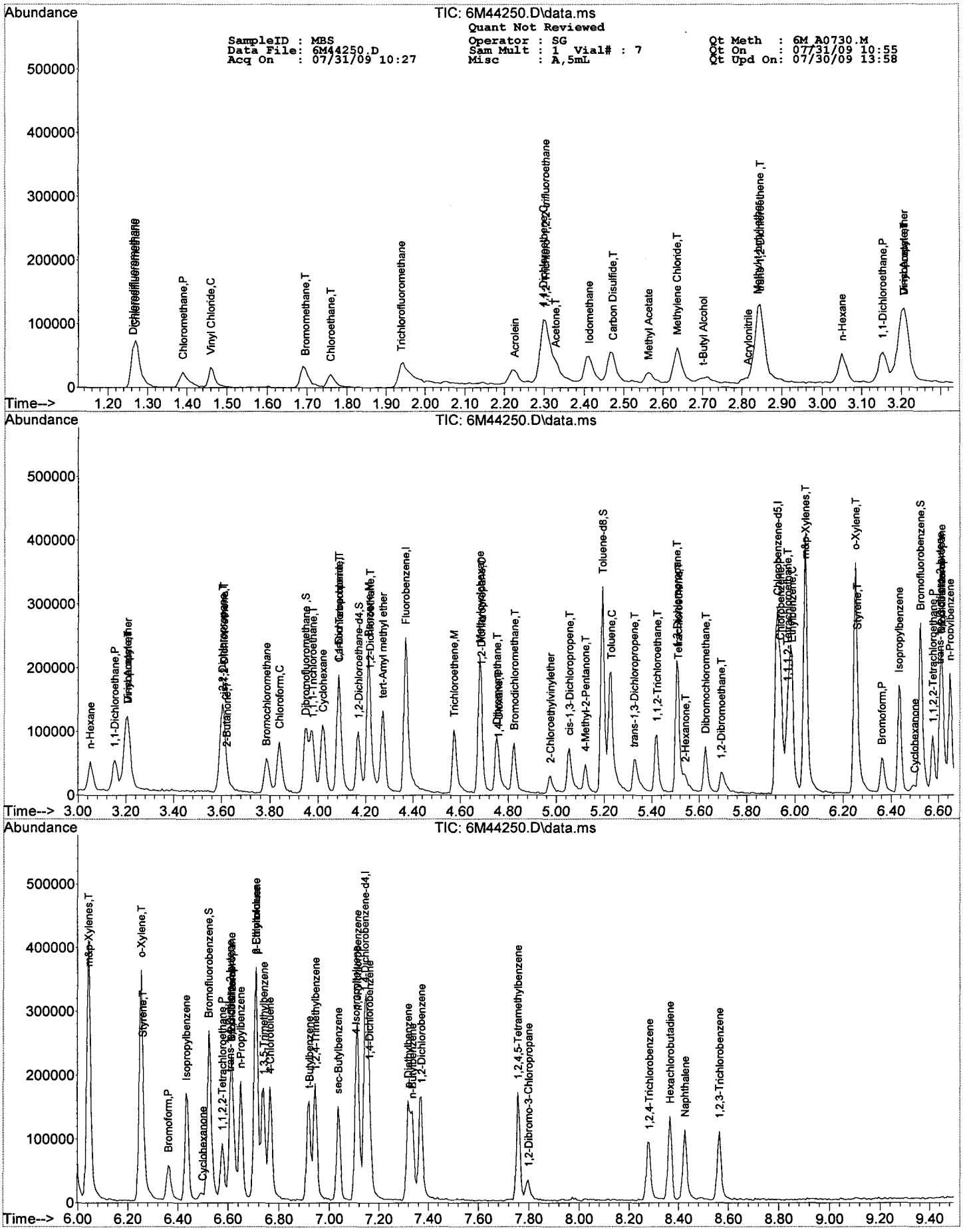
Operator : SG
Sam Mult : 1 Vial# : 7
Misc : A,5mL

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 10:55
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.252 | 106 | 33853 | 21.42 | ug/l | 74 |
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 5922 | 14.32 | ug/l | 77 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 44984 | 18.11 | ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 48454 | 16.27 | ug/l | 86 |
| 71) 1,2-Dichlorobenzene | 7.371 | 146 | 48494 | 18.20 | ug/l | 88 |
| 72) Isopropylbenzene | 6.433 | 105 | 72097 | 16.19 | ug/l | 92 |
| 73) Cyclohexanone | 6.499 | 55 | 4291 | 74.91 | ug/l | 90 |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 31119 | 15.57 | ug/l | 95 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 72808 | 18.73 | ug/l | 93 |
| 76) p-Ethyltoluene | 6.709 | 105 | 73860 | 20.13 | ug/l | 81 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 62187 | 17.59 | ug/l | 93 |
| 78) n-Propylbenzene | 6.649 | 91 | 88453 | 18.59 | ug/l | 100 |
| 79) Bromobenzene | 6.613 | 77 | 55997 | 18.94 | ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.739 | 105 | 68613 | 17.89 | ug/l | 89 |
| 81) t-Butylbenzene | 6.920 | 119 | 55875 | 18.09 | ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 72134 | 19.39 | ug/l | 93 |
| 83) sec-Butylbenzene | 7.034 | 105 | 62943 | 17.32 | ug/l | 100 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 53231 | 20.27 | ug/l | 92 |
| 85) n-Butylbenzene | 7.335 | 91 | 62070 | 19.24 | ug/l | 80 |
| 86) p-Diethylbenzene | 7.317 | 119 | 32351 | 18.48 | ug/l | 91 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 57707 | 18.62 | ug/l | 93 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 6408 | 15.01 | ug/l | 53 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 21921 | 17.70 | ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.280 | 180 | 25798 | 17.71 | ug/l | 93 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 25305 | 16.81 | ug/l | 93 |
| 92) Naphthalene | 8.425 | 128 | 59011 | 14.42 | ug/l | 100 |

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


Abundance
TIC: 6M44250.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44250.D
Acq On : 07/31/09 10:27
Operator : SG
Sam Mult : 1 Vial# : 7
Misc : A,5mL
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 10:55
Qt Upd On: 07/30/09 13:58
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

# Form3

MBS Data

**Method:** 8260

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Data File:==>** | | | | | 6M44276.D | | | 6M44286.D | | | | | | | | | |
| **Data/Batch/Sample ID:==>** | | | | | MBS12936-Aq | | | MBS12937-Aq | | | | | | | | | |
| **Date/Time:==>** | | | | | 07/31/09 17:23 | | | 07/31/09 20:01 | | | | | | | | | |
| Compound | Limit(s) Soil | Aq | Col | Mr | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec | Conc | Conc Exp | % Rec |
| 1,1-Dichloroethane | | 44-134 | 1 | 0 | 18.23 | 20 | 91 | 19.66 | 20 | 98 | | | | | | | | | |
| 1,1-Dichloroethene | | 21-133 | 1 | 0 | 18.32 | 20 | 92 | 20.05 | 20 | 100 | | | | | | | | | |
| 1,2-Dichlorobenzen | | 50-126 | 1 | 0 | 14.73 | 20 | 74 | 18.82 | 20 | 94 | | | | | | | | | |
| 1,2-Dichloroethane | | 43-144 | 1 | 0 | 19.52 | 20 | 98 | 21.58 | 20 | 108 | | | | | | | | | |
| 1,4-Dichlorobenzen | | 45-128 | 1 | 0 | 13.89 | 20 | 69 | 16.63 | 20 | 83 | | | | | | | | | |
| 2-Butanone | | 25-157 | 1 | 0 | 12.93 | 20 | 65 | 17.6 | 20 | 88 | | | | | | | | | |
| Benzene | | 49-135 | 1 | 0 | 18.81 | 20 | 94 | 21.63 | 20 | 108 | | | | | | | | | |
| Carbon Tetrachlorid | | 42-146 | 1 | 0 | 20.84 | 20 | 104 | 20.72 | 20 | 104 | | | | | | | | | |
| Chlorobenzene | | 51-129 | 1 | 0 | 17.59 | 20 | 88 | 19.09 | 20 | 95 | | | | | | | | | |
| Chloroform | | 40-148 | 1 | 0 | 18.92 | 20 | 95 | 20.02 | 20 | 100 | | | | | | | | | |
| n-Propylbenzene | | 45-135 | 1 | 0 | 13.79 | 20 | 69 | 19.69 | 20 | 98 | | | | | | | | | |
| sec-Butylbenzene | | 43-123 | 1 | 0 | 12.56 | 20 | 63 | 18.4 | 20 | 92 | | | | | | | | | |
| Tetrachloroethene | | 42-138 | 1 | 0 | 20.1 | 20 | 100 | 20.08 | 20 | 100 | | | | | | | | | |
| Toluene | | 53-129 | 1 | 0 | 19.57 | 20 | 98 | 22.3 | 20 | 112 | | | | | | | | | |
| Trichloroethene | | 46-127 | 1 | 0 | 19.38 | 20 | 97 | 18.39 | 20 | 92 | | | | | | | | | |
| Vinyl Chloride | | 21-137 | 1 | 0 | 14.31 | 20 | 72 | 14.71 | 20 | 74 | | | | | | | | | |

***Flags/Notes:*** **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44276.D
Acq On : 07/31/09 17:23

Operator : SG
Sam Mult : 1 Vial# : 29
Misc : A,5mL

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:12
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 141041 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 91766 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 61986 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 47248 | 31.19 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.97% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 24852 | 30.60 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.00% | | |
| 56) Toluene-d8 | 5.193 | 98 | 126841 | 30.10 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 100.33% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 60431 | 27.04 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 90.13% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 55516 | 22.98 | ug/l | 69 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 20407 | 15.04 | ug/l | 79 |
| 4) Chloromethane | 1.390 | 50 | 24595 | 18.17 | ug/l | 86 |
| 5) Bromomethane | 1.690 | 94 | 15426 | 15.87 | ug/l | 85 |
| 6) Vinyl Chloride | 1.460 | 62 | 19439 | 14.31 | ug/l | 98 |
| 7) Chloroethane | 1.759 | 64 | 12162 | 17.15 | ug/l | 94 |
| 8) Trichlorofluoromethane | 1.944 | 101 | 32762 | 19.74 | ug/l | 87 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.298 | 101 | 17280 | 20.28 | ug/l | 96 |
| 10) Methylene Chloride | 2.641 | 84 | 16856 | 18.93 | ug/l | 65 |
| 11) Acrolein | 2.226 | 56 | 13780 | 90.67 | ug/l | 97 |
| 12) Acrylonitrile | 2.810 | 53 | 6273 | 18.60 | ug/l | 99 |
| 13) Iodomethane | 2.413 | 142 | 35875 | 17.18 | ug/l | 96 |
| 14) Acetone | 2.322 | 43 | 27993 | 68.65 | ug/l | 99 |
| 15) Carbon Disulfide | 2.473 | 76 | 51932 | 19.89 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.702 | 59 | 5520 | 62.33 | ug/l | 66 |
| 17) n-Hexane | 3.051 | 57 | 8451 | 14.03 | ug/l | 95 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 71093 | 16.01 | ug/l | 100 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 26258 | 18.32 | ug/l | 90 |
| 20) Methyl Acetate | 2.563 | 43 | 17861 | 18.08 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 47366 | 16.26 | ug/l | 93 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 35971 | 18.23 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 16519 | 19.60 | ug/l | 89 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 32544 | 17.89 | ug/l | 85 |
| 25) Bromochloromethane | 3.785 | 49 | 17764 | 17.89 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 27735 | 19.93 | ug/l | 96 |
| 27) 1,4-Dioxane | 4.760 | 88 | 9326 | 642.53 | ug/l | 88 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 30418 | 21.08 | ug/l | 99 |
| 29) Chloroform | 3.839 | 83 | 45357 | 18.92 | ug/l | 77 |
| 31) Cyclohexane | 4.026 | 56 | 25412 | 16.34 | ug/l | 95 |
| 33) 1,2-Dichloroethane | 4.212 | 62 | 37345 | 19.52 | ug/l | 99 |
| 34) 2-Butanone | 3.616 | 43 | 8259 | 12.93 | ug/l | 76 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 37481 | 19.34 | ug/l | 98 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 35402 | 20.84 | ug/l | 88 |
| 37) Vinyl Acetate | 3.207 | 43 | 54815 | 13.41 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 31506 | 15.93 | ug/l | 84 |
| 39) Methylcyclohexane | 4.682 | 83 | 15393 | 16.03 | ug/l | 95 |
| 40) Dibromomethane | 4.754 | 174 | 22650 | 17.40 | ug/l | 92 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 20772 | 17.21 | ug/l | 97 |
| 42) Trichloroethene | 4.573 | 130 | 24347 | 19.38 | ug/l | 92 |
| 43) Benzene | 4.212 | 78 | 80530 | 18.81 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 39519 | 12.48 | ug/l | 89 |
| 46) Dibromochloromethane | 5.627 | 129 | 23660 | 15.67 | ug/l | 92 |
| 47) 2-Chloroethylvinylether | 4.977 | 63 | 7428 | 10.30 | ug/l | 65 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 25548 | 13.35 | ug/l | 87 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 21312 | 11.63 | ug/l | 95 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 17919 | 16.12 | ug/l | 84 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 19098 | 16.01 | ug/l | 71 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 28981 | 17.00 | ug/l | 82 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 17153 | 12.14 | ug/l | 99 |
| 54) 2-Hexanone | 5.542 | 43 | 10606 | 11.34 | ug/l | 92 |
| 55) Tetrachloroethene | 5.512 | 164 | 20329 | 20.10 | ug/l | 93 |
| 57) Toluene | 5.229 | 92 | 48427 | 19.57 | ug/l | 89 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 21175 | 17.49 | ug/l | 93 |
| 59) Chlorobenzene | 5.939 | 112 | 53124 | 17.59 | ug/l | 96 |
| 61) Bromoform | 6.361 | 173 | 20314 | 12.79 | ug/l | 99 |
| 62) Ethylbenzene | 5.988 | 106 | 22192 | 15.65 | ug/l | 76 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 23307 | 12.99 | ug/l | 85 |
| 65) Styrene | 6.252 | 104 | 52517 | 16.20 | ug/l | 98 |
| 66) m&p-Xylenes | 6.042 | 106 | 58330 | 35.04 | ug/l | 96 |

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44276.D
Acq On : 07/31/09 17:23

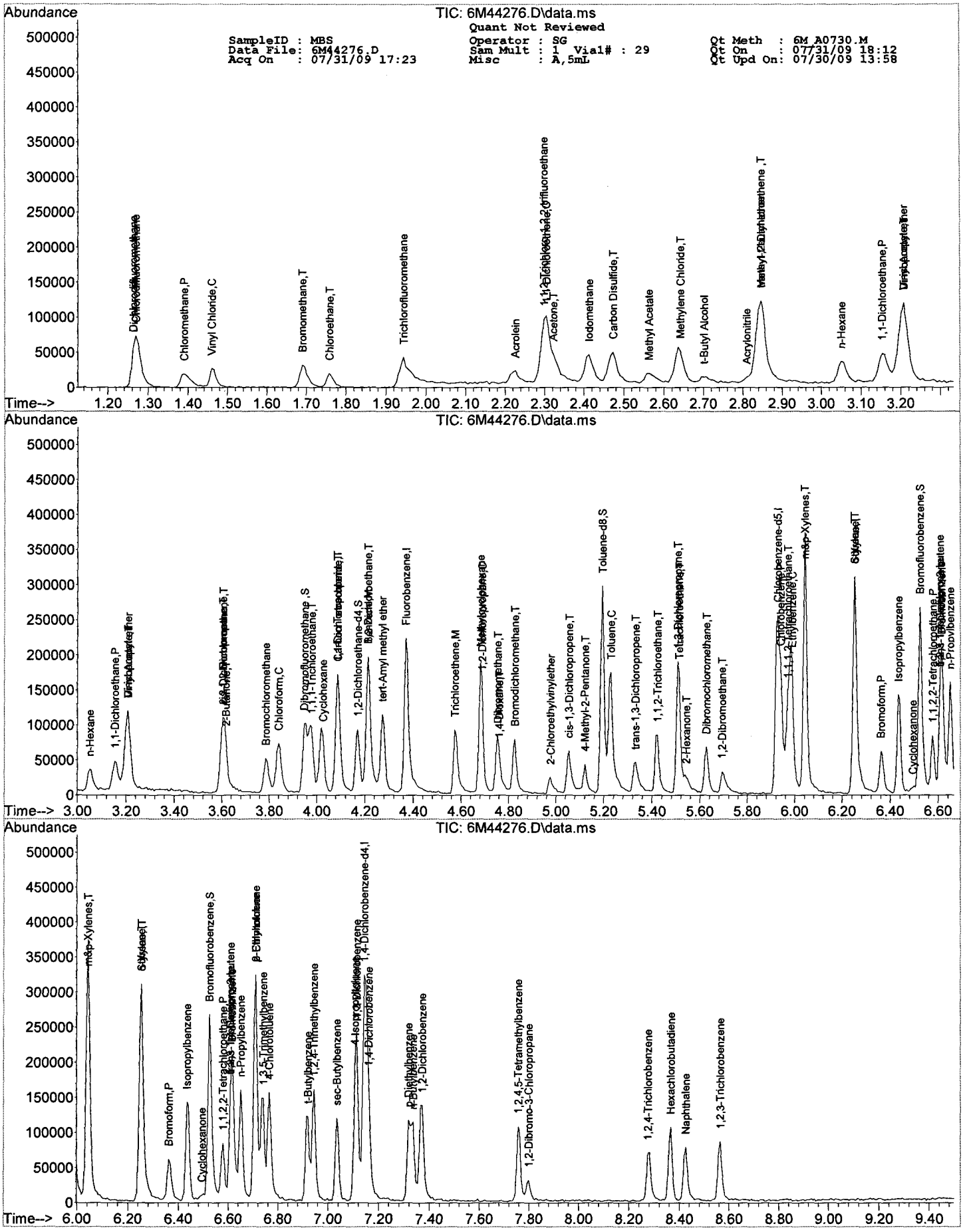
Operator : SG
Sam Mult : 1 Vial# : 29
Misc : A,5mL

Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:12
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.252 | 106 | 29973 | 17.61 ug/l | 75 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 5837 | 13.10 ug/l | 66 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 39638 | 14.81 ug/l | 88 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 44556 | 13.89 ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 42295 | 14.73 ug/l | 85 |
| 72) Isopropylbenzene | 6.433 | 105 | 59350 | 12.37 ug/l | 96 |
| 73) Cyclohexanone | 6.493 | 55 | 3083 | 49.95 ug/l | 97 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 28606 | 13.29 ug/l | 95 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 63762 | 15.22 ug/l | 96 |
| 76) p-Ethyltoluene | 6.710 | 105 | 61173 | 15.48 ug/l | 86 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 51371 | 13.49 ug/l | 90 |
| 78) n-Propylbenzene | 6.650 | 91 | 70710 | 13.79 ug/l | 95 |
| 79) Bromobenzene | 6.614 | 77 | 47672 | 14.97 ug/l | 81 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 59824 | 14.47 ug/l | 94 |
| 81) t-Butylbenzene | 6.920 | 119 | 44580 | 13.40 ug/l | 83 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 58173 | 14.51 ug/l | 88 |
| 83) sec-Butylbenzene | 7.035 | 105 | 49177 | 12.56 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 44676 | 15.79 ug/l | 91 |
| 85) n-Butylbenzene | 7.336 | 91 | 47466 | 13.66 ug/l | 81 |
| 86) p-Diethylbenzene | 7.318 | 119 | 22694 | 12.03 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 41776 | 12.51 ug/l | 99 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 5458 | 11.87 ug/l | 75 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 18695 | 14.01 ug/l | 98 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 19042 | 12.13 ug/l | 97 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 21359 | 13.17 ug/l | 95 |
| 92) Naphthalene | 8.425 | 128 | 44569 | 10.11 ug/l | 100 |

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


Abundance
TIC: 6M44276.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44276.D
Acq On : 07/31/09 17:23
Operator : SG
Sam Mult : 1 Vial# : 29
Misc : A,5mL
Qt Meth : 6M_A0730.M
Qt On : 07/31/09 18:12
Qt Upd On: 07/30/09 13:58
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44286.D
Acq On : 07/31/09 20:01

Operator : SG
Sam Mult : 1 Vial# : 39
Misc : A,5mL!3

Qt Meth : 6M_A0730.M
Qt On : 08/03/09 07:00
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 168515 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 108699 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 59739 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 53189 | 29.39 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 97.97% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 28168 | 29.02 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 96.73% | | |
| 56) Toluene-d8 | 5.194 | 98 | 156811 | 31.41 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.70% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 61034 | 28.34 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.47% | | |
| Target Compounds | | | | | | Qvalue |
| 3) Dichlorodifluoromethane | 1.266 | 85 | 22380 | 13.80 | ug/l | 91 |
| 4) Chloromethane | 1.393 | 50 | 28146 | 17.40 | ug/l | 86 |
| 5) Bromomethane | 1.693 | 94 | 20850 | 17.95 | ug/l | 94 |
| 6) Vinyl Chloride | 1.462 | 62 | 23870 | 14.71 | ug/l | 94 |
| 7) Chloroethane | 1.762 | 64 | 15555 | 18.35 | ug/l | 96 |
| 8) Trichlorofluoromethane | 1.946 | 101 | 35177 | 17.74 | ug/l | 81 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 22137 | 21.75 | ug/l | 98 |
| 10) Methylene Chloride | 2.636 | 84 | 22882 | 21.50 | ug/l | 77 |
| 11) Acrolein | 2.220 | 56 | 20643 | 113.68 | ug/l | 84 |
| 12) Acrylonitrile | 2.816 | 53 | 8472 | 21.03 | ug/l | 83 |
| 13) Iodomethane | 2.413 | 142 | 41662 | 16.70 | ug/l | 100 |
| 14) Acetone | 2.323 | 43 | 38364 | 81.64 | ug/l | 96 |
| 15) Carbon Disulfide | 2.473 | 76 | 59307 | 19.01 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 10309 | 97.42 | ug/l | 86 |
| 17) n-Hexane | 3.051 | 57 | 15289 | 21.24 | ug/l | 83 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 100481 | 18.94 | ug/l | 100 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 34347 | 20.05 | ug/l | 93 |
| 20) Methyl Acetate | 2.570 | 43 | 21563 | 18.27 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 70197 | 20.16 | ug/l | 99 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 46354 | 19.66 | ug/l | 96 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 20684 | 20.54 | ug/l | 92 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 48094 | 22.13 | ug/l | 95 |
| 25) Bromochloromethane | 3.785 | 49 | 23969 | 20.20 | ug/l | 84 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 40396 | 24.29 | ug/l | 93 |
| 27) 1,4-Dioxane | 4.760 | 88 | 14691 | 847.14 | ug/l | 95 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 38040 | 22.06 | ug/l | 97 |
| 29) Chloroform | 3.839 | 83 | 57355 | 20.02 | ug/l | 84 |
| 31) Cyclohexane | 4.020 | 56 | 36759 | 19.78 | ug/l | 92 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 49335 | 21.58 | ug/l | 99 |
| 34) 2-Butanone | 3.617 | 43 | 13433 | 17.60 | ug/l | 95 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 50187 | 21.68 | ug/l | 96 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 42065 | 20.72 | ug/l | 88 |
| 37) Vinyl Acetate | 3.201 | 43 | 79089 | 16.20 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 39147 | 16.56 | ug/l | 93 |
| 39) Methylcyclohexane | 4.682 | 83 | 22980 | 20.03 | ug/l | 93 |
| 40) Dibromomethane | 4.754 | 174 | 24639 | 15.84 | ug/l | 91 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 29639 | 20.55 | ug/l | 100 |
| 42) Trichloroethene | 4.574 | 130 | 27604 | 18.39 | ug/l | 96 |
| 43) Benzene | 4.213 | 78 | 110678 | 21.63 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 68744 | 18.16 | ug/l | 95 |
| 46) Dibromochloromethane | 5.627 | 129 | 29463 | 16.48 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 10240 | 11.98 | ug/l | 83 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 35439 | 15.63 | ug/l | 78 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 30540 | 14.07 | ug/l | 97 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 24188 | 18.37 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 24678 | 17.47 | ug/l | 79 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 40712 | 20.16 | ug/l | 100 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 28339 | 16.94 | ug/l | 99 |
| 54) 2-Hexanone | 5.537 | 43 | 18024 | 16.28 | ug/l | 86 |
| 55) Tetrachloroethene | 5.513 | 164 | 24062 | 20.08 | ug/l | 96 |
| 57) Toluene | 5.224 | 92 | 65354 | 22.30 | ug/l | 98 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 27353 | 19.07 | ug/l | 83 |
| 59) Chlorobenzene | 5.940 | 112 | 68289 | 19.09 | ug/l | 98 |
| 61) Bromoform | 6.361 | 173 | 22136 | 14.47 | ug/l | 93 |
| 62) Ethylbenzene | 5.988 | 106 | 25656 | 18.78 | ug/l | 94 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 31343 | 18.12 | ug/l | 92 |
| 65) Styrene | 6.253 | 104 | 70374 | 22.52 | ug/l | 99 |
| 66) m&p-Xylenes | 6.042 | 106 | 82440 | 51.39 | ug/l | 87 |
| 67) o-Xylene | 6.247 | 106 | 40479 | 24.67 | ug/l | 90 |

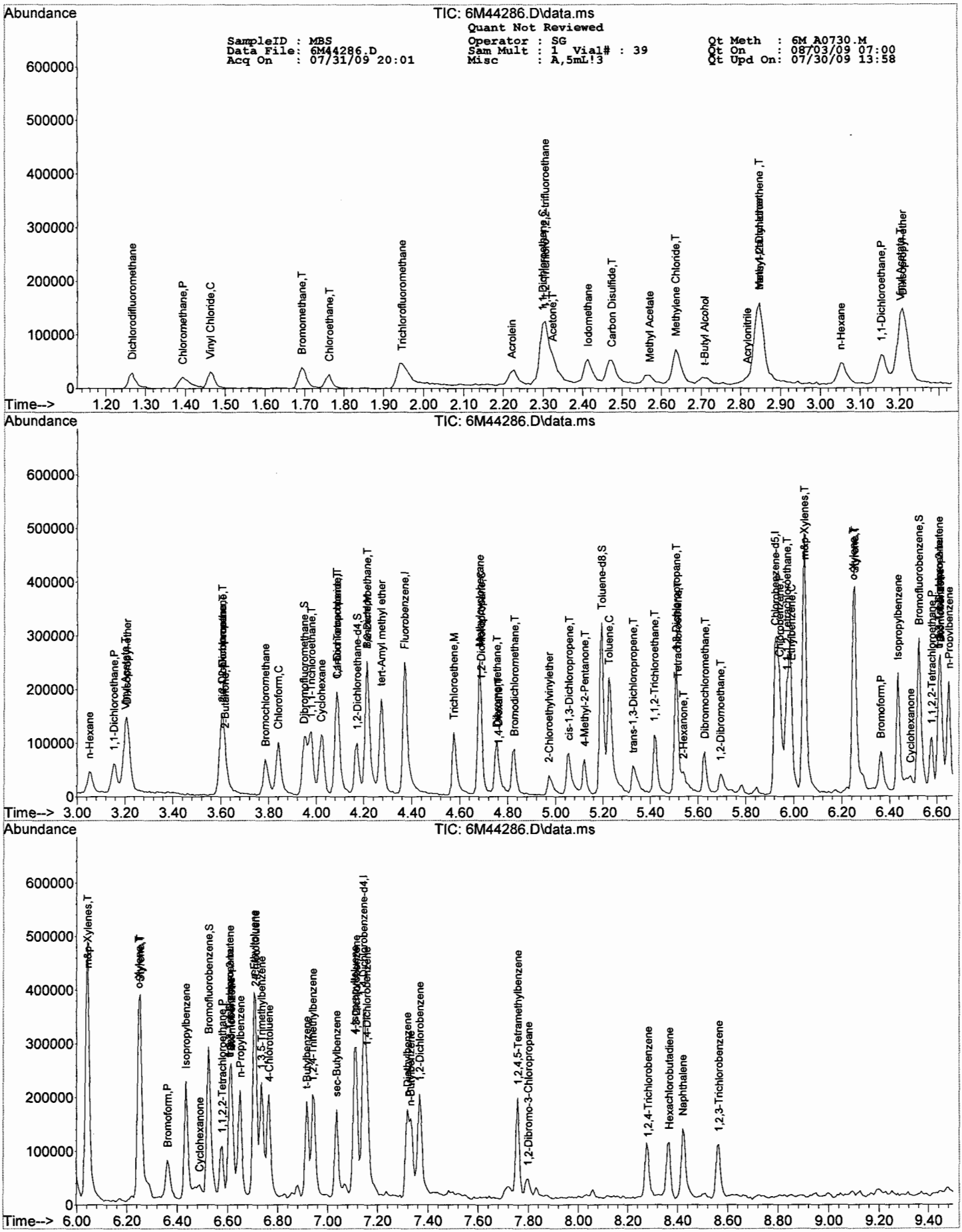
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 6M_A0730.M
Data File: 6M44286.D Sam Mult : 1 Vial# : 39 Qt On : 08/03/09 07:00
Acq On : 07/31/09 20:01 Misc : A,5mL!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-31-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 68) | trans-1,4-Dichloro-2-b... | 6.608 | 53 | 8043 | 18.74 | ug/l | 57 |
| 69) | 1,3-Dichlorobenzene | 7.113 | 146 | 48318 | 18.73 | ug/l | 88 |
| 70) | 1,4-Dichlorobenzene | 7.156 | 146 | 51439 | 16.63 | ug/l | 88 |
| 71) | 1,2-Dichlorobenzene | 7.366 | 146 | 52059 | 18.82 | ug/l | 88 |
| 72) | Isopropylbenzene | 6.433 | 105 | 86105 | 18.62 | ug/l | 94 |
| 73) | Cyclohexanone | 6.488 | 55 | 8242 | 138.57 | ug/l | 86 |
| 74) | 1,2,3-Trichloropropane | 6.608 | 75 | 36763 | 17.72 | ug/l | 93 |
| 75) | 2-Chlorotoluene | 6.710 | 91 | 76605 | 18.98 | ug/l | 95 |
| 76) | p-Ethyltoluene | 6.704 | 105 | 83939 | 22.03 | ug/l | 82 |
| 77) | 4-Chlorotoluene | 6.764 | 91 | 68342 | 18.62 | ug/l | 94 |
| 78) | n-Propylbenzene | 6.650 | 91 | 97297 | 19.69 | ug/l | 99 |
| 79) | Bromobenzene | 6.614 | 77 | 62337 | 20.30 | ug/l | 86 |
| 80) | 1,3,5-Trimethylbenzene | 6.734 | 105 | 75820 | 19.03 | ug/l | 96 |
| 81) | t-Butylbenzene | 6.915 | 119 | 60564 | 18.89 | ug/l | 85 |
| 82) | 1,2,4-Trimethylbenzene | 6.939 | 105 | 76264 | 19.74 | ug/l | 90 |
| 83) | sec-Butylbenzene | 7.035 | 105 | 69449 | 18.40 | ug/l | 99 |
| 84) | 4-Isopropyltoluene | 7.107 | 119 | 56379 | 20.68 | ug/l | 91 |
| 85) | n-Butylbenzene | 7.330 | 91 | 64188 | 19.17 | ug/l | 80 |
| 86) | p-Diethylbenzene | 7.318 | 119 | 33828 | 18.61 | ug/l | 90 |
| 87) | 1,2,4,5-Tetramethylben... | 7.757 | 119 | 64925 | 20.18 | ug/l | 92 |
| 88) | 1,2-Dibromo-3-Chloropr... | 7.800 | 157 | 6551 | 14.78 | ug/l | 69 |
| 89) | Hexachlorobutadiene | 8.365 | 225 | 17687 | 13.75 | ug/l | 95 |
| 90) | 1,2,4-Trichlorobenzene | 8.281 | 180 | 26135 | 17.28 | ug/l | 98 |
| 91) | 1,2,3-Trichlorobenzene | 8.564 | 180 | 26511 | 16.96 | ug/l | 96 |
| 92) | Naphthalene | 8.419 | 128 | 72439 | 17.04 | ug/l | 100 |

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


Abundance
TIC: 6M44286.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44286.D
Acq On : 07/31/09 20:01
Operator : SG
Sam Mult : 1 Vial# : 39
Misc : A,5mL!3
Qt Meth : 6M_A0730.M
Qt On : 08/03/09 07:00
Qt Upd On: 07/30/09 13:58
Time-->

# FORM 3

Spike Recovery

Batch Number: MBS12886
Mbs Name: MBS12886
Ns Name: AC45937-001(T)
Ms Name: AC45937-001(T:M
Msd Name: AC45937-001(T:M

Mbs File: 6M43978.D
Non Spk'd File: 6M43994.D
Spike File: 6M43999.D
Spike Dup File: 6M44000.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/27/09 11:01
Non Spk'd Date: 07/27/09 15:14
Spike Date : 07/27/09 16:39
Spike Dup Date: 07/27/09 16:54

| Compound | C# | Co | Mr | Conc Exp | Lo Llm | Hi Lim | Rpd Llm | Mbs Conc | Sample Conc | Spike Conc | Spike Dup Conc | Mbs Rec | MS Rec | Msd Rec | Rpd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 6 | 1 | 0 | 20 | 21 | 137 | 30 | 12.83 | 0.00 | 13.48 | 13.46 | 64 | 67 | 67 | 0.15 |
| 1,1-Dichloroethene | 19 | 1 | 0 | 20 | 21 | 133 | 34 | 15.63 | 0.00 | 17.08 | 17.39 | 78 | 85 | 87 | 1.8 |
| 1,1-Dichloroethane | 22 | 1 | 0 | 20 | 44 | 134 | 30 | 19.18 | 0.00 | 20.32 | 19.71 | 96 | 102 | 99 | 3 |
| Chloroform | 29 | 1 | 0 | 20 | 40 | 148 | 37 | 18.43 | 0.00 | 20.48 | 21.22 | 92 | 102 | 106 | 3.5 |
| 1,2-Dichloroethane | 33 | 1 | 0 | 20 | 43 | 144 | 34 | 16.11 | 0.00 | 18.80 | 18.36 | 81 | 94 | 92 | 2.4 |
| 2-Butanone | 34 | 1 | 0 | 20 | 25 | 157 | 47 | 12.50 | 0.00 | 15.25 | 16.17 | 62 | 76 | 81 | 5.9 |
| Carbon Tetrachloride | 36 | 1 | 0 | 20 | 42 | 146 | 32 | 15.52 | 0.00 | 17.95 | 17.86 | 78 | 90 | 89 | 0.5 |
| Trichloroethene | 42 | 1 | 0 | 20 | 46 | 127 | 30 | 18.04 | 0.00 | 19.15 | 19.96 | 90 | 96 | 100 | 4.1 |
| Benzene | 43 | 1 | 0 | 20 | 49 | 135 | 29 | 15.45 | 0.00 | 15.52 | 15.67 | 77 | 78 | 78 | 0.96 |
| Tetrachloroethene | 55 | 1 | 0 | 20 | 42 | 138 | 27 | 20.75 | 0.00 | 23.30 | 21.27 | 104 | 116 | 106 | 9.1 |
| Toluene | 57 | 1 | 0 | 20 | 53 | 129 | 33 | 18.36 | 0.00 | 18.89 | 18.30 | 92 | 94 | 91 | 3.2 |
| Chlorobenzene | 59 | 1 | 0 | 20 | 51 | 129 | 30 | 18.32 | 0.00 | 18.93 | 18.10 | 92 | 95 | 91 | 4.5 |
| 1,4-Dichlorobenzene | 70 | 1 | 0 | 20 | 45 | 128 | 30 | 14.30 | 0.00 | 14.86 | 16.11 | 72 | 74 | 81 | 8.1 |
| 1,2-Dichlorobenzene | 71 | 1 | 0 | 20 | 50 | 126 | 34 | 15.77 | 0.00 | 15.95 | 17.31 | 79 | 80 | 87 | 8.2 |
| n-Propylbenzene | 78 | 1 | 0 | 20 | 45 | 135 | 32 | 15.08 | 0.00 | 14.97 | 15.64 | 75 | 75 | 78 | 4.4 |
| sec-Butylbenzene | 83 | 1 | 0 | 20 | 43 | 123 | 33 | 14.78 | 0.00 | 14.30 | 14.72 | 74 | 72 | 74 | 2.9 |

**Note:**

**Rp = Failed Rpd Criteria** **Mo = Failed Recovery Criteria**

**^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (Not Reviewed)

Data File: 6M43978.D
Acq On : 07/27/09 11:01
SampleID : MBS
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/27/09 11:16
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.374 | 96 | 158573 | 30.00 | ug/l | 0.01 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 103893 | 30.00 | ug/l | 0.01 |
| 60) 1,4-Dichlorobenzene-d4 | 7.149 | 152 | 62321 | 30.00 | ug/l | 0.01 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.953 | 111 | 51437 | 34.07 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 113.57% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26496 | 33.07 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 110.23% | | |
| 56) Toluene-d8 | 5.193 | 98 | 151724 | 31.13 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 103.77% | | |
| 64) Bromofluorobenzene | 6.529 | 174 | 63736 | 29.52 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 98.40% | | |
| Target Compounds | | | | | | Qvalue |
| 3) Dichlorodifluoromethane | 1.261 | 85 | 11414 | 8.34 | ug/l | 82 |
| 4) Chloromethane | 1.388 | 50 | 16260 | 11.74 | ug/l | 73 |
| 5) Bromomethane | 1.694 | 94 | 13742 | 15.03 | ug/l | 86 |
| 6) Vinyl Chloride | 1.463 | 62 | 14997 | 12.83 | ug/l | 84 |
| 7) Chloroethane | 1.757 | 64 | 10586 | 15.35 | ug/l | 91 |
| 8) Trichlorofluoromethane | 1.941 | 101 | 26585 | 14.91 | ug/l | 83 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 17677 | 21.29 | ug/l | 98 |
| 10) Methylene Chloride | 2.635 | 84 | 17082 | 17.84 | ug/l | 60 |
| 11) Acrolein | 2.226 | 56 | 14261 | 75.20 | ug/l | 92 |
| 12) Acrylonitrile | 2.816 | 53 | 5584 | 13.80 | ug/l | 100 |
| 13) Iodomethane | 2.412 | 142 | 28955 | 14.54 | ug/l | 99 |
| 14) Acetone | 2.322 | 43 | 29201 | 63.01 | ug/l | 100 |
| 15) Carbon Disulfide | 2.467 | 76 | 42442 | 15.43 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 7838 | 65.93 | ug/l | 66 |
| 17) n-Hexane | 3.050 | 57 | 10809 | 14.99 | ug/l | 87 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 78823 | 15.62 | ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.298 | 61 | 23369 | 15.63 | ug/l | 92 |
| 20) Methyl Acetate | 2.569 | 43 | 17618 | 15.53 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.840 | 73 | 54898 | 14.77 | ug/l | 99 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 37418 | 19.18 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 16396 | 18.90 | ug/l | 82 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 36762 | 19.89 | ug/l | 94 |
| 25) Bromochloromethane | 3.785 | 49 | 18351 | 16.79 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 31404 | 18.46 | ug/l | 96 |
| 27) 1,4-Dioxane | 4.760 | 88 | 13380 | 751.29 | ug/l | 90 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 27808 | 18.09 | ug/l | 95 |
| 29) Chloroform | 3.839 | 83 | 43032 | 18.43 | ug/l | 97 |
| 31) Cyclohexane | 4.025 | 56 | 28378 | 16.93 | ug/l | 92 |
| 33) 1,2-Dichloroethane | 4.218 | 62 | 37299 | 16.11 | ug/l | 89 |
| 34) 2-Butanone | 3.610 | 43 | 8842 | 12.50 | ug/l | 87 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 38386 | 19.14 | ug/l | 99 |
| 36) Carbon Tetrachloride | 4.091 | 117 | 34174 | 15.52 | ug/l | 96 |
| 37) Vinyl Acetate | 3.207 | 43 | 65033 | 12.78 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 32146 | 16.26 | ug/l | 100 |
| 39) Methylcyclohexane | 4.681 | 83 | 18513 | 18.22 | ug/l | 89 |
| 40) Dibromomethane | 4.754 | 174 | 22303 | 19.10 | ug/l | 100 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 23833 | 17.79 | ug/l | 96 |
| 42) Trichloroethene | 4.579 | 130 | 23516 | 18.04 | ug/l | 90 |
| 43) Benzene | 4.212 | 78 | 87880 | 15.45 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.278 | 73 | 17225 | 6.08 | ug/l | 92 |
| 46) Dibromochloromethane | 5.626 | 129 | 25703 | 16.04 | ug/l | 91 |
| 47) 2-Chloroethylvinylether | 4.976 | 63 | 9283 | 10.37 | ug/l | 95 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 27436 | 12.26 | ug/l | 85 |
| 49) trans-1,3-Dichloropropene | 5.331 | 75 | 26623 | 12.61 | ug/l | 89 |
| 50) 1,1,2-Trichloroethane | 5.422 | 97 | 20854 | 16.76 | ug/l | 86 |
| 51) 1,2-Dibromoethane | 5.698 | 107 | 22053 | 15.34 | ug/l | 99 |
| 52) 1,3-Dichloropropane | 5.512 | 76 | 34016 | 18.15 | ug/l | 90 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 23201 | 13.49 | ug/l | 98 |
| 54) 2-Hexanone | 5.542 | 43 | 11562 | 9.49 | ug/l | 73 |
| 55) Tetrachloroethene | 5.512 | 164 | 21500 | 20.75 | ug/l | 94 |
| 57) Toluene | 5.229 | 92 | 53735 | 18.36 | ug/l | 90 |
| 58) 1,1,1,2-Tetrachloroethane | 5.975 | 133 | 22275 | 18.26 | ug/l | 76 |
| 59) Chlorobenzene | 5.945 | 112 | 59301 | 18.32 | ug/l | 100 |
| 61) Bromoform | 6.366 | 173 | 19925 | 11.29 | ug/l | 97 |
| 62) Ethylbenzene | 5.987 | 106 | 25136 | 16.12 | ug/l | 93 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 28837 | 14.93 | ug/l | 89 |
| 65) Styrene | 6.258 | 104 | 56122 | 14.08 | ug/l | 88 |
| 66) m&p-Xylenes | 6.047 | 106 | 67135 | 31.89 | ug/l | 86 |
| 67) o-Xylene | 6.252 | 106 | 32785 | 15.40 | ug/l | 73 |

16

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M43978.D
Acq On : 07/27/09 11:01

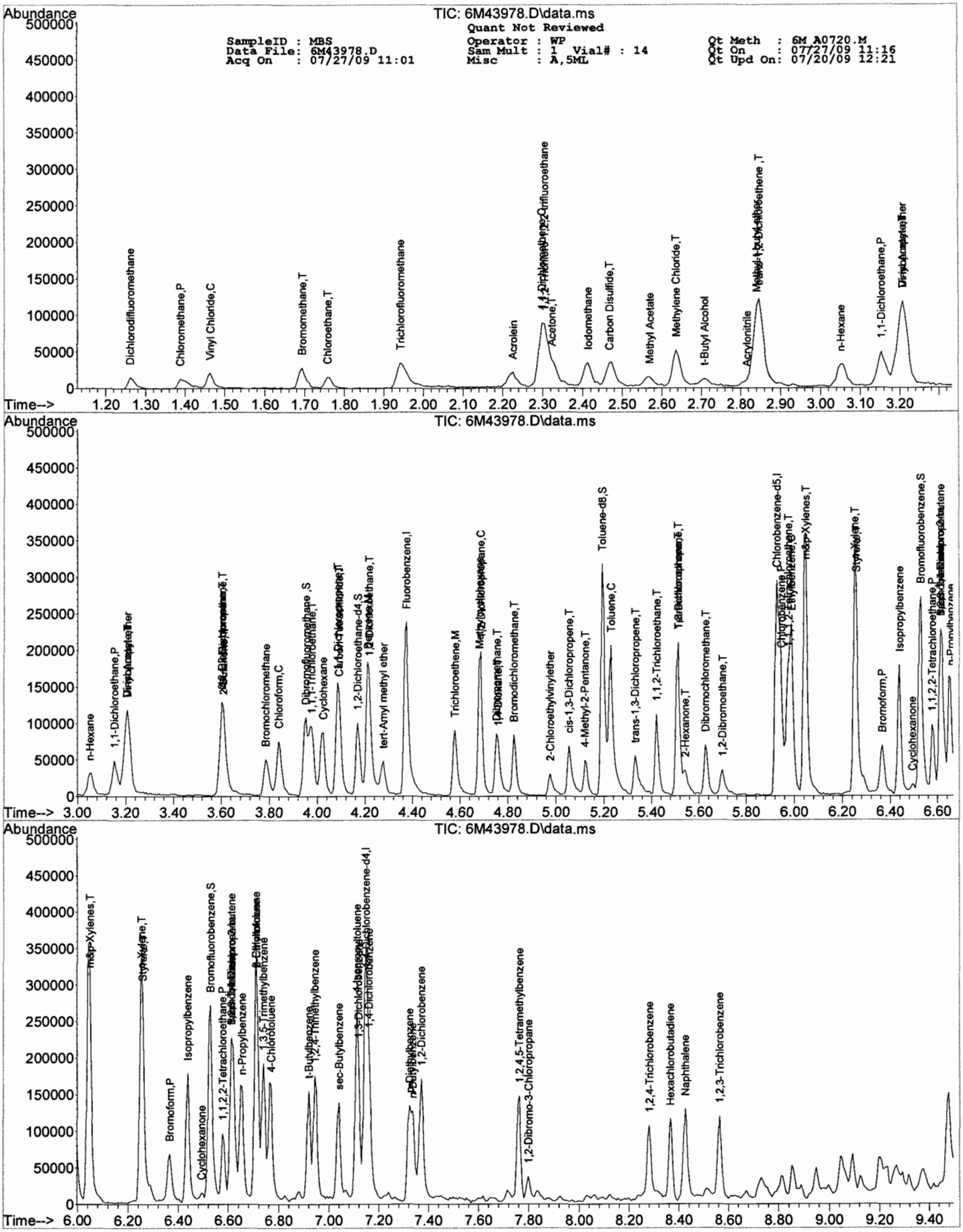
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML

Qt Meth : 6M_A0720.M
Qt On : 07/27/09 11:16
Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.613 | 53 | 8162 | 15.71 ug/l | 38 |
| 69) 1,3-Dichlorobenzene | 7.119 | 146 | 41209 | 15.35 ug/l | 87 |
| 70) 1,4-Dichlorobenzene | 7.161 | 146 | 43366 | 14.30 ug/l | 91 |
| 71) 1,2-Dichlorobenzene | 7.372 | 146 | 44044 | 15.77 ug/l | 85 |
| 72) Isopropylbenzene | 6.439 | 105 | 70134 | 14.17 ug/l | 95 |
| 73) Cyclohexanone | 6.493 | 55 | 4303 | 55.00 ug/l | 94 |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 32502 | 14.07 ug/l | 93 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 65068 | 16.31 ug/l | 95 |
| 76) p-Ethyltoluene | 6.710 | 105 | 70856 | 14.93 ug/l | 82 |
| 77) 4-Chlorotoluene | 6.770 | 91 | 55697 | 13.95 ug/l | 90 |
| 78) n-Propylbenzene | 6.655 | 91 | 81648 | 15.08 ug/l | 99 |
| 79) Bromobenzene | 6.613 | 77 | 54231 | 15.78 ug/l | 87 |
| 80) 1,3,5-Trimethylbenzene | 6.740 | 105 | 61258 | 14.41 ug/l | 91 |
| 81) t-Butylbenzene | 6.920 | 119 | 51401 | 15.07 ug/l | 87 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 64591 | 15.27 ug/l | 90 |
| 83) sec-Butylbenzene | 7.041 | 105 | 59174 | 14.78 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.113 | 119 | 50851 | 14.94 ug/l | 93 |
| 85) n-Butylbenzene | 7.335 | 91 | 52099 | 14.20 ug/l | 81 |
| 86) p-Diethylbenzene | 7.323 | 119 | 27363 | 13.98 ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.763 | 119 | 54262 | 15.41 ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.799 | 157 | 6883 | 11.83 ug/l | 57 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 18387 | 14.29 ug/l | 93 |
| 90) 1,2,4-Trichlorobenzene | 8.280 | 180 | 24548 | 15.11 ug/l | 91 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 25242 | 15.45 ug/l | 96 |
| 92) Naphthalene | 8.425 | 128 | 65176 | 13.41 ug/l | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : MBS
Data File: 6M43978.D
Acq On : 07/27/09 11:01
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/27/09 11:16
Qt Upd On: 07/20/09 12:21
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC45937-001(T:MS) Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M43999.D Sam Mult : 1 Vial# : 31 Qt On : 07/28/09 07:18
Acq On : 07/27/09 16:39 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 153834 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 100349 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 61790 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 51636 | 35.26 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 117.53% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 26039 | 33.50 | ug/l | 0.01 |
| Spiked Amount 30.000 | | | Recovery = | 111.67% | | |
| 56) Toluene-d8 | 5.194 | 98 | 143024 | 30.38 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.27% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 63132 | 29.49 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.30% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.276 | 51 | 61040 | 26.13 | ug/l | 39 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 8492 | 6.39 | ug/l | 91 |
| 4) Chloromethane | 1.391 | 50 | 15259 | 11.35 | ug/l | 74 |
| 5) Bromomethane | 1.691 | 94 | 13255 | 14.95 | ug/l | 99 |
| 6) Vinyl Chloride | 1.466 | 62 | 15286 | 13.48 | ug/l | 95 |
| 7) Chloroethane | 1.760 | 64 | 9470 | 14.15 | ug/l | 81 |
| 8) Trichlorofluoromethane | 1.939 | 101 | 28428 | 16.43 | ug/l | 77 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.299 | 101 | 17096 | 21.23 | ug/l | 98 |
| 10) Methylene Chloride | 2.636 | 84 | 54994 | 59.21 | ug/l | 85 |
| 11) Acrolein | 2.221 | 56 | 15263 | 82.96 | ug/l | 98 |
| 12) Acrylonitrile | 2.816 | 53 | 4905 | 12.49 | ug/l | 70 |
| 13) Iodomethane | 2.413 | 142 | 29875 | 15.46 | ug/l | 97 |
| 14) Acetone | 2.323 | 43 | 69746 | 190.67 | ug/l | 98 |
| 15) Carbon Disulfide | 2.467 | 76 | 42662 | 15.99 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 6854 | 59.43 | ug/l | 99 |
| 17) n-Hexane | 3.051 | 57 | 10939 | 15.64 | ug/l | 86 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 79455 | 16.23 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 24774 | 17.08 | ug/l | 95 |
| 20) Methyl Acetate | 2.564 | 43 | 40985 | 40.88 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.840 | 73 | 53278 | 14.77 | ug/l | 95 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 38462 | 20.32 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 16884 | 20.06 | ug/l | 78 |
| 24) cis-1,2-Dichloroethene | 3.611 | 61 | 31489 | 17.56 | ug/l | 95 |
| 25) Bromochloromethane | 3.785 | 49 | 19007 | 17.93 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 29996 | 18.18 | ug/l | 97 |
| 27) 1,4-Dioxane | 4.754 | 88 | 11920 | 689.93 | ug/l | 46 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 30486 | 20.44 | ug/l | 98 |
| 29) Chloroform | 3.833 | 83 | 46398 | 20.48 | ug/l | 84 |
| 31) Cyclohexane | 4.020 | 56 | 27440 | 16.88 | ug/l | 95 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 40495 | 18.80 | ug/l | 94 |
| 34) 2-Butanone | 3.611 | 43 | 10466 | 15.25 | ug/l | 98 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 40990 | 21.06 | ug/l | 91 |
| 36) Carbon Tetrachloride | 4.086 | 117 | 36838 | 17.95 | ug/l | 95 |
| 37) Vinyl Acetate | 3.202 | 43 | 65328 | 13.23 | ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 36688 | 19.13 | ug/l | 90 |
| 39) Methylcyclohexane | 4.682 | 83 | 18604 | 18.88 | ug/l | 86 |
| 40) Dibromomethane | 4.754 | 174 | 24270 | 21.42 | ug/l | 93 |
| 41) 1,2-Dichloropropane | 4.682 | 63 | 22936 | 17.65 | ug/l | 99 |
| 42) Trichloroethene | 4.574 | 130 | 24214 | 19.15 | ug/l | 94 |
| 43) Benzene | 4.213 | 78 | 85531 | 15.52 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 15550 | 5.65 | ug/l | 97 |
| 46) Dibromochloromethane | 5.627 | 129 | 27296 | 17.64 | ug/l | 96 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 9312 | 10.77 | ug/l | 79 |
| 48) cis-1,3-Dichloropropene | 5.049 | 75 | 29400 | 13.60 | ug/l | 100 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 27459 | 13.46 | ug/l | 91 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 20309 | 16.90 | ug/l | 90 |
| 51) 1,2-Dibromoethane | 5.693 | 107 | 21481 | 15.47 | ug/l | 82 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 34311 | 18.95 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 21522 | 12.95 | ug/l | 98 |
| 54) 2-Hexanone | 5.537 | 43 | 11620 | 9.87 | ug/l | 96 |
| 55) Tetrachloroethene | 5.507 | 164 | 23311 | 23.30 | ug/l | 97 |
| 57) Toluene | 5.224 | 92 | 53401 | 18.89 | ug/l | 95 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 24332 | 20.65 | ug/l | 76 |
| 59) Chlorobenzene | 5.940 | 112 | 59180 | 18.93 | ug/l | 97 |
| 61) Bromoform | 6.361 | 173 | 21481 | 12.27 | ug/l | 98 |
| 62) Ethylbenzene | 5.982 | 106 | 22144 | 14.33 | ug/l | 97 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 27289 | 14.25 | ug/l | 98 |
| 65) Styrene | 6.253 | 104 | 57260 | 14.49 | ug/l | 97 |
| 66) m&p-Xylenes | 6.042 | 106 | 69277 | 33.19 | ug/l | 99 |

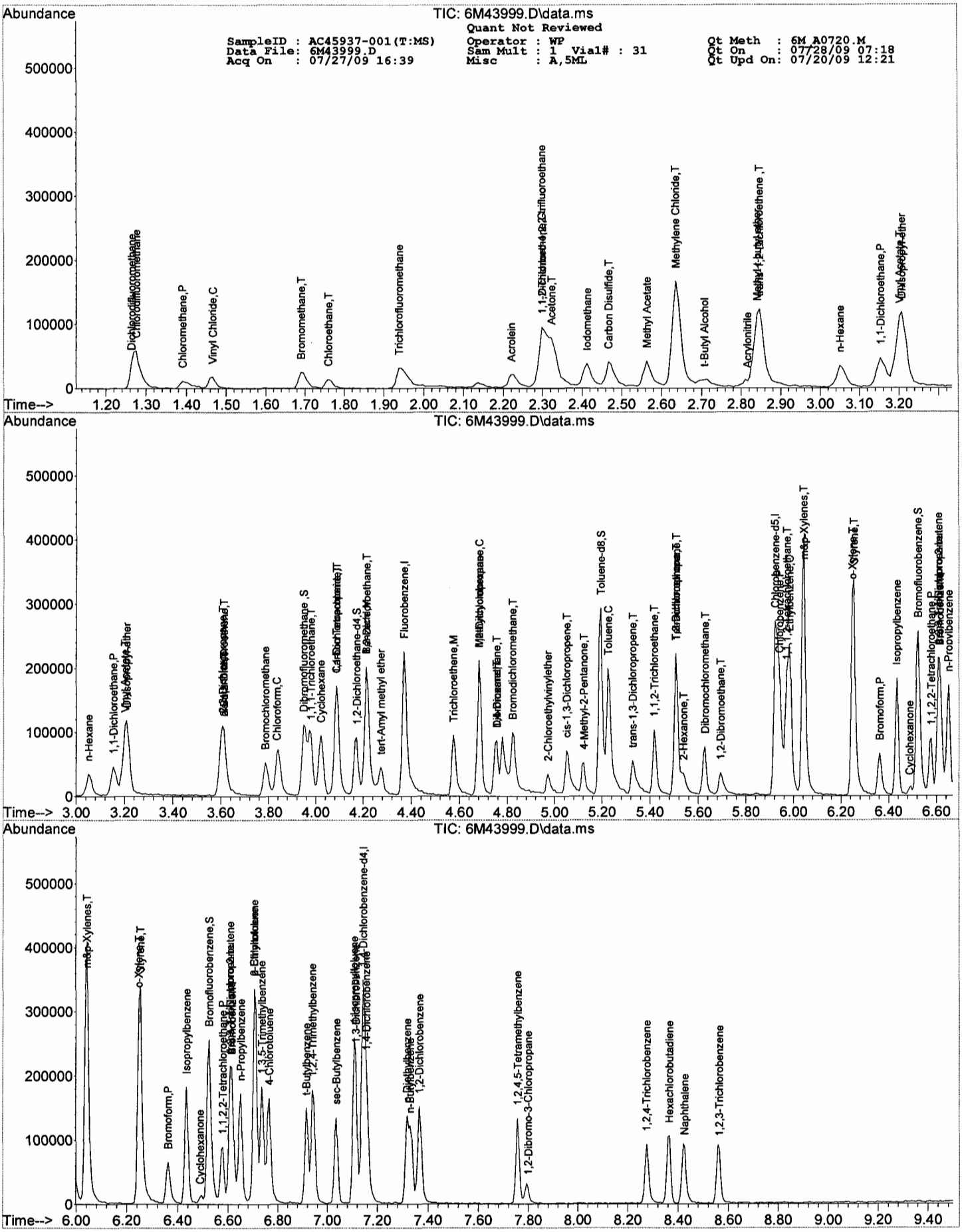
Quantitation Report (Not Reviewed)

SampleID : AC45937-001(T:MS) Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M43999.D Sam Mult : 1 Vial# : 31 Qt On : 07/28/09 07:18
Acq On : 07/27/09 16:39 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 35040 | 16.60 | ug/l | 62 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 7906 | 15.35 | ug/l | 43 |
| 69) 1,3-Dichlorobenzene | 7.114 | 146 | 44580 | 16.75 | ug/l | 84 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 44689 | 14.86 | ug/l | 88 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 44180 | 15.95 | ug/l | 86 |
| 72) Isopropylbenzene | 6.433 | 105 | 67463 | 13.75 | ug/l | 95 |
| 73) Cyclohexanone | 6.488 | 55 | 4449 | 57.36 | ug/l | 90 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 32618 | 14.24 | ug/l | 90 |
| 75) 2-Chlorotoluene | 6.704 | 91 | 66410 | 16.79 | ug/l | 96 |
| 76) p-Ethyltoluene | 6.704 | 105 | 76582 | 16.28 | ug/l | 79 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 56432 | 14.25 | ug/l | 89 |
| 78) n-Propylbenzene | 6.650 | 91 | 80368 | 14.97 | ug/l | 96 |
| 79) Bromobenzene | 6.614 | 77 | 51166 | 15.02 | ug/l | 84 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 64738 | 15.36 | ug/l | 93 |
| 81) t-Butylbenzene | 6.915 | 119 | 50500 | 14.93 | ug/l | 74 |
| 82) 1,2,4-Trimethylbenzene | 6.939 | 105 | 69123 | 16.49 | ug/l | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 56772 | 14.30 | ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.108 | 119 | 47349 | 14.03 | ug/l | 94 |
| 85) n-Butylbenzene | 7.330 | 91 | 51894 | 14.26 | ug/l | 82 |
| 86) p-Diethylbenzene | 7.318 | 119 | 26619 | 13.72 | ug/l | 87 |
| 87) 1,2,4,5-Tetramethylben... | 7.758 | 119 | 47178 | 13.51 | ug/l | 94 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.800 | 157 | 5517 | 9.56 | ug/l | 67 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 18928 | 14.84 | ug/l | 92 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 23079 | 14.32 | ug/l | 97 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 24775 | 15.30 | ug/l | 93 |
| 92) Naphthalene | 8.426 | 128 | 56350 | 11.69 | ug/l | 100 |

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


Abundance
TIC: 6M43999.D\data.ms
Quant Not Reviewed
SampleID : AC45937-001(T:MS)
Data File: 6M43999.D
Acq On : 07/27/09 16:39
Operator : WP
Sam Mult : 1 Vial# : 31
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/28/09 07:18
Qt Upd On: 07/20/09 12:21
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : AC45937-001(T:MSD) Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44000.D Sam Mult : 1 Vial# : 32 Qt On : 07/28/09 07:18
Acq On : 07/27/09 16:54 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) Fluorobenzene | 4.370 | 96 | 151344 | 30.00 ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 105757 | 30.00 ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 59155 | 30.00 ug/l | 0.00 |
| System Monitoring Compounds | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 51074 | 35.45 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 118.17% | |
| 32) 1,2-Dichloroethane-d4 | 4.165 | 67 | 27786 | 36.34 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 121.13% | |
| 56) Toluene-d8 | 5.194 | 98 | 146367 | 29.50 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 98.33% | |
| 64) Bromofluorobenzene | 6.524 | 174 | 64034 | 31.24 ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.13% | |
| Target Compounds | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.271 | 51 | 61825 | 26.90 ug/l | 41 |
| 3) Dichlorodifluoromethane | 1.265 | 85 | 9476 | 7.25 ug/l | 80 |
| 4) Chloromethane | 1.392 | 50 | 13730 | 10.38 ug/l | 93 |
| 5) Bromomethane | 1.698 | 94 | 13283 | 15.22 ug/l | 90 |
| 6) Vinyl Chloride | 1.461 | 62 | 15022 | 13.46 ug/l | 99 |
| 7) Chloroethane | 1.761 | 64 | 9838 | 14.94 ug/l | 98 |
| 8) Trichlorofluoromethane | 1.946 | 101 | 29427 | 17.29 ug/l | 82 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.299 | 101 | 17341 | 21.89 ug/l | 98 |
| 10) Methylene Chloride | 2.636 | 84 | 56859 | 62.22 ug/l | 69 |
| 11) Acrolein | 2.221 | 56 | 15492 | 85.59 ug/l | 94 |
| 12) Acrylonitrile | 2.811 | 53 | 6308 | 16.33 ug/l | 97 |
| 13) Iodomethane | 2.414 | 142 | 33138 | 17.43 ug/l | 94 |
| 14) Acetone | 2.323 | 43 | 75241 | 211.42 ug/l | 96 |
| 15) Carbon Disulfide | 2.468 | 76 | 42554 | 16.21 ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 8965 | 79.01 ug/l | 91 |
| 17) n-Hexane | 3.058 | 57 | 11558 | 16.79 ug/l | 86 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 76462 | 15.87 ug/l | 99 |
| 19) 1,1-Dichloroethene | 2.305 | 61 | 24819 | 17.39 ug/l | 92 |
| 20) Methyl Acetate | 2.564 | 43 | 45171 | 46.11 ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.841 | 73 | 54687 | 15.41 ug/l | 98 |
| 22) 1,1-Dichloroethane | 3.160 | 63 | 36704 | 19.71 ug/l | 94 |
| 23) trans-1,2-Dichloroethene | 2.847 | 96 | 16624 | 20.08 ug/l | 89 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 36349 | 20.61 ug/l | 88 |
| 25) Bromochloromethane | 3.786 | 49 | 18891 | 18.11 ug/l | 86 |
| 26) 2,2-Dichloropropane | 3.605 | 77 | 29850 | 18.39 ug/l | 92 |
| 27) 1,4-Dioxane | 4.755 | 88 | 11911 | 700.75 ug/l | 68 |
| 28) 1,1-Dichloropropene | 4.087 | 75 | 28794 | 19.63 ug/l | 92 |
| 29) Chloroform | 3.840 | 83 | 47300 | 21.22 ug/l | 99 |
| 31) Cyclohexane | 4.020 | 56 | 25891 | 16.19 ug/l | 96 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 39148 | 18.36 ug/l | 95 |
| 34) 2-Butanone | 3.623 | 43 | 10916 | 16.17 ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.972 | 97 | 42098 | 21.99 ug/l | 84 |
| 36) Carbon Tetrachloride | 4.087 | 117 | 36117 | 17.86 ug/l | 95 |
| 37) Vinyl Acetate | 3.202 | 43 | 69922 | 14.40 ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 34817 | 18.46 ug/l | 93 |
| 39) Methylcyclohexane | 4.682 | 83 | 17625 | 18.18 ug/l | 91 |
| 40) Dibromomethane | 4.749 | 174 | 24374 | 21.87 ug/l | 94 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 22916 | 17.93 ug/l | 99 |
| 42) Trichloroethene | 4.580 | 130 | 24834 | 19.96 ug/l | 92 |
| 43) Benzene | 4.213 | 78 | 84771 | 15.67 ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 15206 | 5.62 ug/l | 96 |
| 46) Dibromochloromethane | 5.627 | 129 | 27976 | 17.15 ug/l | 95 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 10581 | 11.61 ug/l | 94 |
| 48) cis-1,3-Dichloropropene | 5.056 | 75 | 31866 | 13.99 ug/l | 89 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 27987 | 13.02 ug/l | 98 |
| 50) 1,1,2-Trichloroethane | 5.417 | 97 | 21417 | 16.91 ug/l | 91 |
| 51) 1,2-Dibromoethane | 5.694 | 107 | 22366 | 15.28 ug/l | 91 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 35740 | 18.73 ug/l | 95 |
| 53) 4-Methyl-2-Pentanone | 5.116 | 43 | 23761 | 13.57 ug/l | 99 |
| 54) 2-Hexanone | 5.537 | 43 | 14055 | 11.33 ug/l | 92 |
| 55) Tetrachloroethene | 5.507 | 164 | 22429 | 21.27 ug/l | 96 |
| 57) Toluene | 5.224 | 92 | 54521 | 18.30 ug/l | 87 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 24415 | 19.66 ug/l | 70 |
| 59) Chlorobenzene | 5.940 | 112 | 59652 | 18.10 ug/l | 95 |
| 61) Bromoform | 6.362 | 173 | 20390 | 12.17 ug/l | 85 |
| 62) Ethylbenzene | 5.982 | 106 | 23360 | 15.79 ug/l | 88 |
| 63) 1,1,2,2-Tetrachloroethane | 6.572 | 83 | 27212 | 14.85 ug/l | 87 |
| 65) Styrene | 6.253 | 104 | 57421 | 15.18 ug/l | 94 |
| 66) m&p-Xylenes | 6.043 | 106 | 66791 | 33.42 ug/l | 94 |

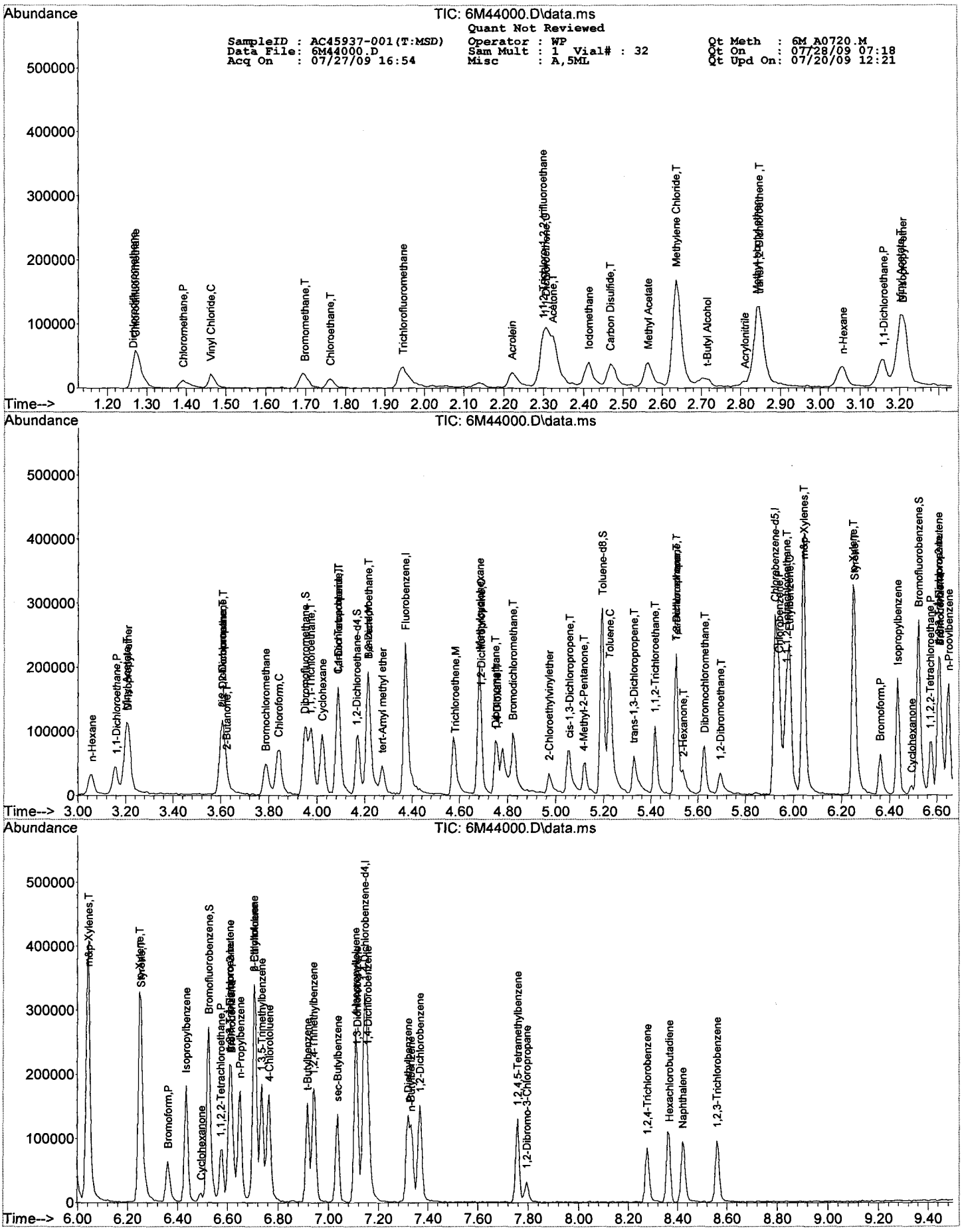
Quantitation Report (Not Reviewed)

SampleID : AC45937-001(T:MSD) Operator : WP Qt Meth : 6M_A0720.M
Data File: 6M44000.D Sam Mult : 1 Vial# : 32 Qt On : 07/28/09 07:18
Acq On : 07/27/09 16:54 Misc : A,5ML Qt Upd On: 07/20/09 12:21

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-27-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 33430 | 16.54 ug/l | 85 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 8062 | 16.35 ug/l | 42 |
| 69) 1,3-Dichlorobenzene | 7.114 | 146 | 42723 | 16.77 ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 46366 | 16.11 ug/l | 87 |
| 71) 1,2-Dichlorobenzene | 7.367 | 146 | 45909 | 17.31 ug/l | 87 |
| 72) Isopropylbenzene | 6.434 | 105 | 69317 | 14.76 ug/l | 94 |
| 73) Cyclohexanone | 6.494 | 55 | 3991 | 53.75 ug/l | 98 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 33026 | 15.06 ug/l | 93 |
| 75) 2-Chlorotoluene | 6.705 | 91 | 65072 | 17.18 ug/l | 96 |
| 76) p-Ethyltoluene | 6.705 | 105 | 77475 | 17.20 ug/l | 81 |
| 77) 4-Chlorotoluene | 6.765 | 91 | 57392 | 15.14 ug/l | 89 |
| 78) n-Propylbenzene | 6.651 | 91 | 80374 | 15.64 ug/l | 95 |
| 79) Bromobenzene | 6.614 | 77 | 54616 | 16.75 ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.735 | 105 | 63530 | 15.74 ug/l | 91 |
| 81) t-Butylbenzene | 6.915 | 119 | 51191 | 15.81 ug/l | 86 |
| 82) 1,2,4-Trimethylbenzene | 6.939 | 105 | 72206 | 17.99 ug/l | 92 |
| 83) sec-Butylbenzene | 7.036 | 105 | 55962 | 14.72 ug/l | 96 |
| 84) 4-Isopropyltoluene | 7.108 | 119 | 49491 | 15.32 ug/l | 92 |
| 85) n-Butylbenzene | 7.331 | 91 | 52439 | 15.05 ug/l | 79 |
| 86) p-Diethylbenzene | 7.319 | 119 | 27508 | 14.81 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.758 | 119 | 47970 | 14.35 ug/l | 95 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.794 | 157 | 6345 | 11.49 ug/l | 58 |
| 89) Hexachlorobutadiene | 8.366 | 225 | 20160 | 16.53 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 22481 | 14.57 ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.558 | 180 | 24353 | 15.71 ug/l | 93 |
| 92) Naphthalene | 8.420 | 128 | 56121 | 12.16 ug/l | 100 |

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


Abundance
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Quant Not Reviewed
SampleID : AC45937-001(T:MSD)
Data File: 6M44000.D
Acq On : 07/27/09 16:54
Operator : WP
Sam Mult : 1 Vial# : 32
Misc : A,5ML
Qt Meth : 6M_A0720.M
Qt On : 07/28/09 07:18
Qt Upd On: 07/20/09 12:21
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44000.D\data.ms
n-Hexane
1,1-Dichloroethane,P
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Time-->


Abundance
TIC: 6M44000.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

# FORM 3

Spike Recovery

Batch Number: MBS12922
Mbs Name: MBS12922
Ns Name: AC45984-006
Ms Name: AC45984-007(MS:
Msd Name: AC45984-008(MSD

Mbs File: 6M44187.D
Non Spk'd File: 6M44190.D
Spike File: 6M44188.D
Spike Dup File: 6M44189.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/30/09 14:45
Non Spk'd Date: 07/30/09 15:33
Spike Date : 07/30/09 15:02
Spike Dup Date: 07/30/09 15:17

| Compound | C# | Co | Mr | Conc Exp | Lo Llm | Hi Lim | Rpd Llm | Mbs Conc | Sample Conc | Spike Conc | Spike Dup Conc | Mbs Rec | MS Rec | Msd Rec | Rpd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 6 | 1 | 0 | 20 | 21 | 137 | 30 | 14.01 | 0.00 | 15.94 | 14.55 | 70 | 80 | 73 | 9.1 |
| 1,1-Dichloroethene | 19 | 1 | 0 | 20 | 21 | 133 | 34 | 18.68 | 0.00 | 20.71 | 19.49 | 93 | 104 | 97 | 6.1 |
| 1,1-Dichloroethane | 22 | 1 | 0 | 20 | 44 | 134 | 30 | 21.32 | 0.00 | 22.07 | 20.82 | 107 | 110 | 104 | 5.8 |
| Chloroform | 29 | 1 | 0 | 20 | 40 | 148 | 37 | 20.35 | 0.00 | 21.25 | 20.31 | 102 | 106 | 102 | 4.5 |
| 1,2-Dichloroethane | 33 | 1 | 0 | 20 | 43 | 144 | 34 | 25.02 | 0.00 | 21.42 | 21.52 | 125 | 107 | 108 | 0.47 |
| 2-Butanone | 34 | 1 | 0 | 20 | 25 | 157 | 47 | 19.21 | 0.00 | 14.59 | 18.16 | 96 | 73 | 91 | 22 |
| Carbon Tetrachloride | 36 | 1 | 0 | 20 | 42 | 146 | 32 | 20.40 | 0.00 | 24.62 | 21.40 | 102 | 123 | 107 | 14 |
| Trichloroethene | 42 | 1 | 0 | 20 | 46 | 127 | 30 | 19.71 | 0.00 | 21.87 | 20.04 | 99 | 109 | 100 | 8.7 |
| Benzene | 43 | 1 | 0 | 20 | 49 | 135 | 29 | 21.75 | 0.00 | 22.36 | 20.45 | 109 | 112 | 102 | 8.9 |
| Tetrachloroethene | 55 | 1 | 0 | 20 | 42 | 138 | 27 | 17.93 | 2.01 | 26.79 | 25.42 | 90 | 124 | 117 | 5.2 |
| Toluene | 57 | 1 | 0 | 20 | 53 | 129 | 33 | 20.53 | 0.00 | 22.45 | 22.18 | 103 | 112 | 111 | 1.2 |
| Chlorobenzene | 59 | 1 | 0 | 20 | 51 | 129 | 30 | 18.64 | 0.00 | 20.53 | 19.15 | 93 | 103 | 96 | 7 |
| 1,4-Dichlorobenzene | 70 | 1 | 0 | 20 | 45 | 128 | 30 | 15.03 | 0.00 | 17.27 | 16.35 | 75 | 86 | 82 | 5.5 |
| 1,2-Dichlorobenzene | 71 | 1 | 0 | 20 | 50 | 126 | 34 | 16.40 | 0.00 | 18.55 | 17.31 | 82 | 93 | 87 | 6.9 |
| n-Propylbenzene | 78 | 1 | 0 | 20 | 45 | 135 | 32 | 15.08 | 0.00 | 18.03 | 17.83 | 75 | 90 | 89 | 1.1 |
| sec-Butylbenzene | 83 | 1 | 0 | 20 | 43 | 123 | 33 | 13.43 | 0.00 | 17.08 | 15.01 | 67 | 85 | 75 | 13 |

**Note:**

**Rp = Failed Rpd Criteria** **Mo = Failed Recovery Criteria**

**^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44187.D
Acq On : 07/30/09 14:45

Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML

Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:57
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 142663 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.922 | 117 | 98652 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.144 | 152 | 61063 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.948 | 111 | 49186 | 32.10 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 107.00% | | |
| 32) 1,2-Dichloroethane-d4 | 4.171 | 67 | 25738 | 31.33 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.43% | | |
| 56) Toluene-d8 | 5.194 | 98 | 139501 | 30.79 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.63% | | |
| 64) Bromofluorobenzene | 6.524 | 174 | 63055 | 28.64 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 95.47% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.274 | 51 | 41727 | 17.08 | ug/l | 77 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 17826 | 12.99 | ug/l | 85 |
| 4) Chloromethane | 1.390 | 50 | 25223 | 18.42 | ug/l | 97 |
| 5) Bromomethane | 1.695 | 94 | 19016 | 19.34 | ug/l | 83 |
| 6) Vinyl Chloride | 1.465 | 62 | 19243 | 14.01 | ug/l | 88 |
| 7) Chloroethane | 1.765 | 64 | 13877 | 19.34 | ug/l | 79 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 28812 | 17.16 | ug/l | 82 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.305 | 101 | 15053 | 17.47 | ug/l | 88 |
| 10) Methylene Chloride | 2.636 | 84 | 21998 | 24.42 | ug/l | 59 |
| 11) Acrolein | 2.221 | 56 | 17348 | 112.85 | ug/l | 93 |
| 12) Acrylonitrile | 2.811 | 53 | 8831 | 25.89 | ug/l | 87 |
| 13) Iodomethane | 2.413 | 142 | 43382 | 20.54 | ug/l | 93 |
| 14) Acetone | 2.323 | 43 | 44607 | 119.47 | ug/l | 93 |
| 15) Carbon Disulfide | 2.468 | 76 | 50776 | 19.22 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.714 | 59 | 9895 | 110.46 | ug/l | 88 |
| 17) n-Hexane | 3.051 | 57 | 8419 | 13.81 | ug/l | 85 |
| 18) Di-isopropyl-ether | 3.208 | 45 | 94849 | 21.12 | ug/l | 100 |
| 19) 1,1-Dichloroethene | 2.299 | 61 | 27088 | 18.68 | ug/l | 88 |
| 20) Methyl Acetate | 2.564 | 43 | 23907 | 23.93 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.847 | 73 | 68447 | 23.22 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.154 | 63 | 42554 | 21.32 | ug/l | 91 |
| 23) trans-1,2-Dichloroethene | 2.847 | 96 | 18211 | 21.36 | ug/l | 95 |
| 24) cis-1,2-Dichloroethene | 3.605 | 61 | 37850 | 20.57 | ug/l | 75 |
| 25) Bromochloromethane | 3.786 | 49 | 21564 | 21.47 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.611 | 77 | 24208 | 17.20 | ug/l | 91 |
| 27) 1,4-Dioxane | 4.755 | 88 | 17445 | 1188.23 | ug/l | 87 |
| 28) 1,1-Dichloropropene | 4.087 | 75 | 26519 | 18.17 | ug/l | 91 |
| 29) Chloroform | 3.840 | 83 | 49353 | 20.35 | ug/l | 99 |
| 31) Cyclohexane | 4.020 | 56 | 23177 | 14.73 | ug/l | 99 |
| 33) 1,2-Dichloroethane | 4.213 | 62 | 48425 | 25.02 | ug/l | 96 |
| 34) 2-Butanone | 3.623 | 43 | 12414 | 19.21 | ug/l | 84 |
| 35) 1,1,1-Trichloroethane | 3.978 | 97 | 41910 | 21.38 | ug/l | 93 |
| 36) Carbon Tetrachloride | 4.087 | 117 | 35052 | 20.40 | ug/l | 94 |
| 37) Vinyl Acetate | 3.208 | 43 | 72652 | 17.57 | ug/l | 100 |
| 38) Bromodichloromethane | 4.821 | 83 | 40262 | 20.12 | ug/l | 92 |
| 39) Methylcyclohexane | 4.682 | 83 | 16163 | 16.64 | ug/l | 87 |
| 40) Dibromomethane | 4.755 | 174 | 29371 | 22.30 | ug/l | 85 |
| 41) 1,2-Dichloropropane | 4.682 | 63 | 27721 | 22.71 | ug/l | 90 |
| 42) Trichloroethene | 4.574 | 130 | 25046 | 19.71 | ug/l | 95 |
| 43) Benzene | 4.213 | 78 | 94222 | 21.75 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.273 | 73 | 60430 | 18.86 | ug/l | 92 |
| 46) Dibromochloromethane | 5.627 | 129 | 31302 | 19.29 | ug/l | 97 |
| 47) 2-Chloroethylvinylether | 4.971 | 63 | 12214 | 15.75 | ug/l | 74 |
| 48) cis-1,3-Dichloropropene | 5.050 | 75 | 28469 | 13.84 | ug/l | 92 |
| 49) trans-1,3-Dichloropropene | 5.326 | 75 | 29102 | 14.78 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.417 | 97 | 23768 | 19.89 | ug/l | 93 |
| 51) 1,2-Dibromoethane | 5.694 | 107 | 25010 | 19.50 | ug/l | 86 |
| 52) 1,3-Dichloropropane | 5.507 | 76 | 38320 | 20.91 | ug/l | 96 |
| 53) 4-Methyl-2-Pentanone | 5.122 | 43 | 25647 | 16.89 | ug/l | 96 |
| 54) 2-Hexanone | 5.537 | 43 | 17020 | 16.93 | ug/l | 94 |
| 55) Tetrachloroethene | 5.513 | 164 | 19497 | 17.93 | ug/l | 93 |
| 57) Toluene | 5.230 | 92 | 54606 | 20.53 | ug/l | 93 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 25864 | 19.87 | ug/l | 76 |
| 59) Chlorobenzene | 5.940 | 112 | 60516 | 18.64 | ug/l | 99 |
| 61) Bromoform | 6.362 | 173 | 25672 | 16.41 | ug/l | 96 |
| 62) Ethylbenzene | 5.988 | 106 | 22352 | 16.01 | ug/l | 75 |
| 63) 1,1,2,2-Tetrachloroethane | 6.578 | 83 | 32068 | 18.14 | ug/l | 85 |
| 65) Styrene | 6.253 | 104 | 57861 | 18.12 | ug/l | 99 |
| 66) m&p-Xylenes | 6.043 | 106 | 66745 | 40.70 | ug/l | 88 |

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M44187.D
Acq On : 07/30/09 14:45

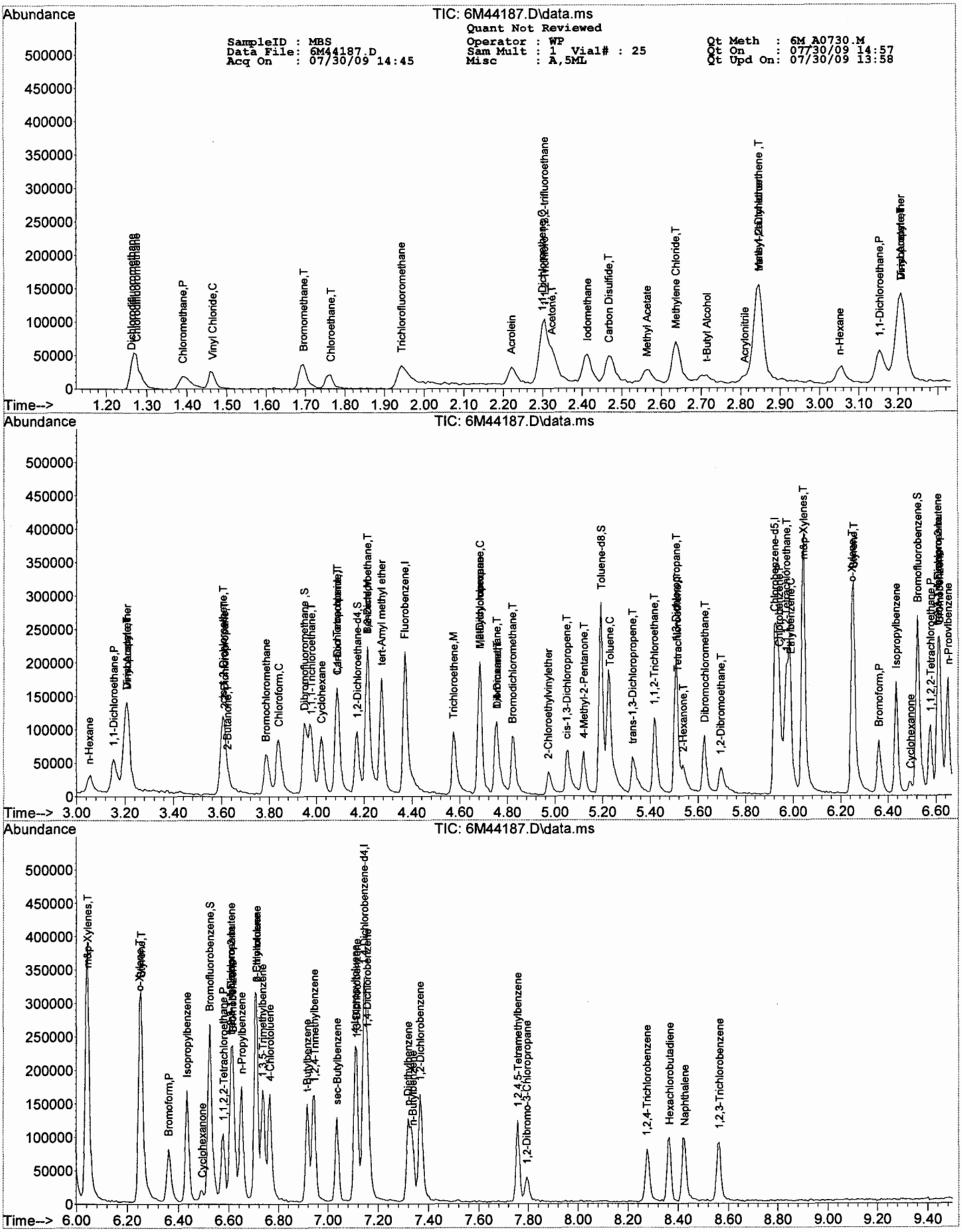
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML

Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:57
Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 67) o-Xylene | 6.247 | 106 | 32430 | 19.34 ug/l | 84 |
| 68) trans-1,4-Dichloro-2-b... | 6.608 | 53 | 7792 | 17.76 ug/l | 64 |
| 69) 1,3-Dichlorobenzene | 7.114 | 146 | 42852 | 16.25 ug/l | 83 |
| 70) 1,4-Dichlorobenzene | 7.156 | 146 | 47526 | 15.03 ug/l | 88 |
| 71) 1,2-Dichlorobenzene | 7.367 | 146 | 46362 | 16.40 ug/l | 86 |
| 72) Isopropylbenzene | 6.434 | 105 | 66278 | 14.02 ug/l | 95 |
| 73) Cyclohexanone | 6.494 | 55 | 6067 | 99.79 ug/l | 87 |
| 74) 1,2,3-Trichloropropane | 6.608 | 75 | 37633 | 17.74 ug/l | 95 |
| 75) 2-Chlorotoluene | 6.711 | 91 | 61089 | 14.80 ug/l | 94 |
| 76) p-Ethyltoluene | 6.711 | 105 | 66019 | 16.95 ug/l | 81 |
| 77) 4-Chlorotoluene | 6.765 | 91 | 55306 | 14.74 ug/l | 91 |
| 78) n-Propylbenzene | 6.650 | 91 | 76155 | 15.08 ug/l | 98 |
| 79) Bromobenzene | 6.614 | 77 | 54330 | 17.31 ug/l | 86 |
| 80) 1,3,5-Trimethylbenzene | 6.735 | 105 | 62205 | 15.28 ug/l | 93 |
| 81) t-Butylbenzene | 6.915 | 119 | 45894 | 14.00 ug/l | 89 |
| 82) 1,2,4-Trimethylbenzene | 6.945 | 105 | 64246 | 16.27 ug/l | 91 |
| 83) sec-Butylbenzene | 7.036 | 105 | 51789 | 13.43 ug/l | 99 |
| 84) 4-Isopropyltoluene | 7.108 | 119 | 44133 | 15.83 ug/l | 92 |
| 85) n-Butylbenzene | 7.337 | 91 | 47490 | 13.87 ug/l | 79 |
| 86) p-Diethylbenzene | 7.318 | 119 | 23175 | 12.47 ug/l | 90 |
| 87) 1,2,4,5-Tetramethylben... | 7.758 | 119 | 40774 | 12.40 ug/l | 90 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.794 | 157 | 7678 | 16.95 ug/l | 65 |
| 89) Hexachlorobutadiene | 8.366 | 225 | 18017 | 13.71 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.275 | 180 | 21467 | 13.89 ug/l | 95 |
| 91) 1,2,3-Trichlorobenzene | 8.564 | 180 | 23881 | 14.95 ug/l | 94 |
| 92) Naphthalene | 8.426 | 128 | 57411 | 13.22 ug/l | 100 |

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


Abundance
TIC: 6M44187.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M44187.D
Acq On : 07/30/09 14:45
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 14:57
Qt Upd On: 07/30/09 13:58
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44187.D\data.ms
n-Hexane
1,1-Dichloroethane,P
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 6M44187.D\data.ms
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45984-007(MS:AC45 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44188.D Sam Mult : 1 Vial# : 26 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:02 Misc : A,5ML!1 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.368 | 96 | 146877 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 94034 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.142 | 152 | 59266 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 49367 | 31.29 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 104.30% | | |
| 32) 1,2-Dichloroethane-d4 | 4.169 | 67 | 23444 | 27.72 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 92.40% | | |
| 56) Toluene-d8 | 5.192 | 98 | 132855 | 30.77 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.57% | | |
| 64) Bromofluorobenzene | 6.522 | 174 | 60585 | 28.36 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 94.53% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.269 | 51 | 68914 | 27.39 | ug/l | 68 |
| 3) Dichlorodifluoromethane | 1.263 | 85 | 24553 | 17.37 | ug/l | 84 |
| 4) Chloromethane | 1.390 | 50 | 26495 | 18.79 | ug/l | 79 |
| 5) Bromomethane | 1.690 | 94 | 18690 | 18.46 | ug/l | 88 |
| 6) Vinyl Chloride | 1.459 | 62 | 22550 | 15.94 | ug/l | 83 |
| 7) Chloroethane | 1.759 | 64 | 14398 | 19.49 | ug/l | 99 |
| 8) Trichlorofluoromethane | 1.943 | 101 | 39530 | 22.87 | ug/l | 86 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.297 | 101 | 21172 | 23.86 | ug/l | 96 |
| 10) Methylene Chloride | 2.641 | 84 | 21286 | 22.95 | ug/l | 59 |
| 11) Acrolein | 2.225 | 56 | 17061 | 107.80 | ug/l | 91 |
| 12) Acrylonitrile | 2.815 | 53 | 6723 | 19.15 | ug/l | 89 |
| 13) Iodomethane | 2.412 | 142 | 42120 | 19.37 | ug/l | 98 |
| 14) Acetone | 2.322 | 43 | 34610 | 85.19 | ug/l | 89 |
| 15) Carbon Disulfide | 2.472 | 76 | 61106 | 22.47 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.707 | 59 | 7344 | 79.63 | ug/l | 85 |
| 17) n-Hexane | 3.056 | 57 | 14790 | 23.57 | ug/l | 88 |
| 18) Di-isopropyl-ether | 3.206 | 45 | 89441 | 19.34 | ug/l | 98 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 30925 | 20.71 | ug/l | 95 |
| 20) Methyl Acetate | 2.562 | 43 | 20428 | 19.86 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.845 | 73 | 57914 | 19.09 | ug/l | 96 |
| 22) 1,1-Dichloroethane | 3.152 | 63 | 45358 | 22.07 | ug/l | 98 |
| 23) trans-1,2-Dichloroethene | 2.845 | 96 | 19272 | 21.96 | ug/l | 93 |
| 24) cis-1,2-Dichloroethene | 3.603 | 61 | 42622 | 22.50 | ug/l | 96 |
| 25) Bromochloromethane | 3.784 | 49 | 20026 | 19.37 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 3.603 | 77 | 39336 | 27.14 | ug/l | 92 |
| 27) 1,4-Dioxane | 4.753 | 88 | 13792 | 912.46 | ug/l | 96 |
| 28) 1,1-Dichloropropene | 4.085 | 75 | 34098 | 22.69 | ug/l | 95 |
| 29) Chloroform | 3.838 | 83 | 53068 | 21.25 | ug/l | 87 |
| 31) Cyclohexane | 4.019 | 56 | 33698 | 20.80 | ug/l | 95 |
| 33) 1,2-Dichloroethane | 4.211 | 62 | 42692 | 21.42 | ug/l | 88 |
| 34) 2-Butanone | 3.616 | 43 | 9706 | 14.59 | ug/l | 93 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 48370 | 23.97 | ug/l | 99 |
| 36) Carbon Tetrachloride | 4.091 | 117 | 43570 | 24.62 | ug/l | 87 |
| 37) Vinyl Acetate | 3.200 | 43 | 76318 | 17.93 | ug/l | 100 |
| 38) Bromodichloromethane | 4.825 | 83 | 38048 | 18.47 | ug/l | 93 |
| 39) Methylcyclohexane | 4.681 | 83 | 19941 | 19.94 | ug/l | 94 |
| 40) Dibromomethane | 4.753 | 174 | 28175 | 20.78 | ug/l | 83 |
| 41) 1,2-Dichloropropane | 4.687 | 63 | 26694 | 21.24 | ug/l | 98 |
| 42) Trichloroethene | 4.578 | 130 | 28604 | 21.87 | ug/l | 88 |
| 43) Benzene | 4.211 | 78 | 99691 | 22.36 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 51823 | 15.71 | ug/l | 91 |
| 46) Dibromochloromethane | 5.626 | 129 | 28755 | 18.59 | ug/l | 90 |
| 48) cis-1,3-Dichloropropene | 5.054 | 75 | 30789 | 15.70 | ug/l | 88 |
| 49) trans-1,3-Dichloropropene | 5.325 | 75 | 28220 | 15.03 | ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 5.415 | 97 | 21220 | 18.63 | ug/l | 89 |
| 51) 1,2-Dibromoethane | 5.698 | 107 | 23007 | 18.82 | ug/l | 90 |
| 52) 1,3-Dichloropropane | 5.505 | 76 | 35790 | 20.49 | ug/l | 93 |
| 53) 4-Methyl-2-Pentanone | 5.120 | 43 | 21307 | 14.72 | ug/l | 93 |
| 54) 2-Hexanone | 5.541 | 43 | 13532 | 14.12 | ug/l | 90 |
| 55) Tetrachloroethene | 5.505 | 164 | 27767 | 26.79 | ug/l | 78 |
| 57) Toluene | 5.228 | 92 | 56922 | 22.45 | ug/l | 85 |
| 58) 1,1,1,2-Tetrachloroethane | 5.969 | 133 | 26160 | 21.08 | ug/l | 79 |
| 59) Chlorobenzene | 5.939 | 112 | 63542 | 20.53 | ug/l | 98 |
| 61) Bromoform | 6.360 | 173 | 22850 | 15.05 | ug/l | 89 |
| 62) Ethylbenzene | 5.987 | 106 | 23840 | 17.59 | ug/l | 93 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 29939 | 17.45 | ug/l | 92 |
| 65) Styrene | 6.252 | 104 | 64017 | 20.65 | ug/l | 97 |
| 66) m&p-Xylenes | 6.041 | 106 | 71442 | 44.89 | ug/l | 90 |
| 67) o-Xylene | 6.252 | 106 | 35514 | 21.82 | ug/l | 78 |

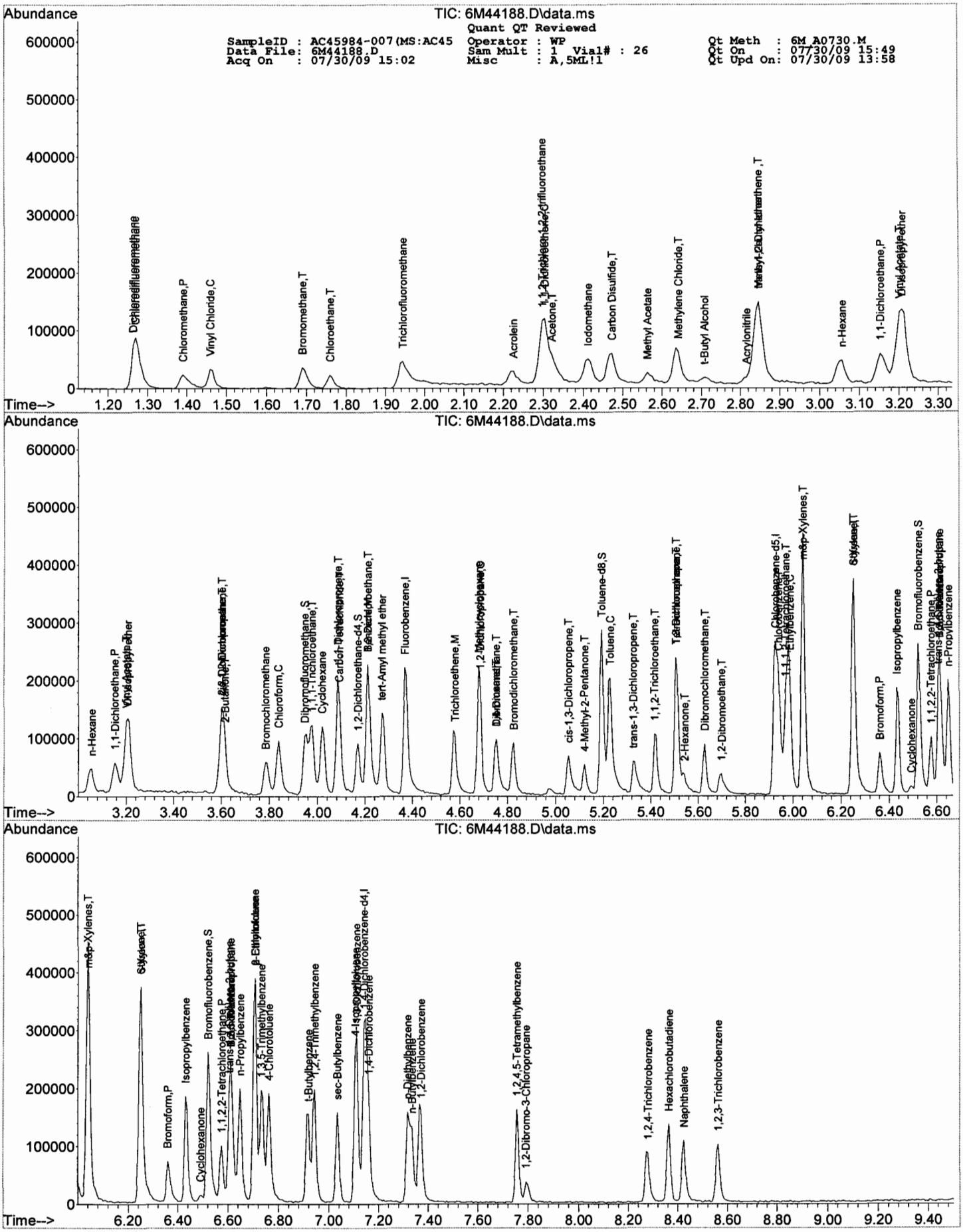
Quantitation Report (QT Reviewed)

SampleID : AC45984-007(MS:AC45 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44188.D Sam Mult : 1 Vial# : 26 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:02 Misc : A,5ML!1 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 7448 | 17.49 ug/l | 58 |
| 69) 1,3-Dichlorobenzene | 7.112 | 146 | 48036 | 18.77 ug/l | 86 |
| 70) 1,4-Dichlorobenzene | 7.160 | 146 | 52986 | 17.27 ug/l | 84 |
| 71) 1,2-Dichlorobenzene | 7.371 | 146 | 50908 | 18.55 ug/l | 87 |
| 72) Isopropylbenzene | 6.432 | 105 | 74843 | 16.32 ug/l | 94 |
| 73) Cyclohexanone | 6.492 | 55 | 4533 | 76.82 ug/l | 91 |
| 74) 1,2,3-Trichloropropane | 6.613 | 75 | 34786 | 16.90 ug/l | 93 |
| 75) 2-Chlorotoluene | 6.709 | 91 | 75681 | 18.90 ug/l | 96 |
| 76) p-Ethyltoluene | 6.709 | 105 | 81412 | 21.54 ug/l | 81 |
| 77) 4-Chlorotoluene | 6.763 | 91 | 64481 | 17.70 ug/l | 91 |
| 78) n-Propylbenzene | 6.649 | 91 | 88393 | 18.03 ug/l | 97 |
| 79) Bromobenzene | 6.613 | 77 | 57032 | 18.73 ug/l | 80 |
| 80) 1,3,5-Trimethylbenzene | 6.733 | 105 | 73257 | 18.54 ug/l | 96 |
| 81) t-Butylbenzene | 6.920 | 119 | 54637 | 17.18 ug/l | 89 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 72834 | 19.00 ug/l | 89 |
| 83) sec-Butylbenzene | 7.034 | 105 | 63949 | 17.08 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.106 | 119 | 55441 | 20.49 ug/l | 92 |
| 85) n-Butylbenzene | 7.335 | 91 | 58993 | 17.75 ug/l | 79 |
| 86) p-Diethylbenzene | 7.317 | 119 | 30801 | 17.08 ug/l | 89 |
| 87) 1,2,4,5-Tetramethylben... | 7.756 | 119 | 54224 | 16.99 ug/l | 92 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.792 | 157 | 8071 | 18.36 ug/l | 60 |
| 89) Hexachlorobutadiene | 8.364 | 225 | 22560 | 17.68 ug/l | 92 |
| 90) 1,2,4-Trichlorobenzene | 8.280 | 180 | 24589 | 16.39 ug/l | 93 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 26222 | 16.91 ug/l | 93 |
| 92) Naphthalene | 8.424 | 128 | 60007 | 14.23 ug/l | 100 |

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


Abundance
TIC: 6M44188.D\data.ms
Quant QT Reviewed
SampleID : AC45984-007(MS:AC45
Data File: 6M44188.D
Acq On : 07/30/09 15:02
Operator : WP
Sam Mult : 1 Vial# : 26
Misc : A,5ML!1
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 15:49
Qt Upd On: 07/30/09 13:58
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Abundance
TIC: 6M44188.D\data.ms
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
Abundance
TIC: 6M44188.D\data.ms
Time-->
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
n-Butylbenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : AC45984-008(MSD:AC4 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44189.D Sam Mult : 1 Vial# : 27 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:17 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 4.369 | 96 | 151638 | 30.00 | ug/l | 0.00 |
| 45) Chlorobenzene-d5 | 5.927 | 117 | 98005 | 30.00 | ug/l | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 7.143 | 152 | 59037 | 30.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 30) Dibromofluoromethane | 3.947 | 111 | 49981 | 30.69 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 102.30% | | |
| 32) 1,2-Dichloroethane-d4 | 4.170 | 67 | 26677 | 30.55 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 101.83% | | |
| 56) Toluene-d8 | 5.193 | 98 | 143205 | 31.82 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 106.07% | | |
| 64) Bromofluorobenzene | 6.523 | 174 | 63257 | 29.72 | ug/l | 0.00 |
| Spiked Amount 30.000 | | | Recovery = | 99.07% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Chlorodifluoromethane | 1.275 | 51 | 66198 | 25.49 | ug/l | 67 |
| 3) Dichlorodifluoromethane | 1.264 | 85 | 23076 | 15.81 | ug/l | 74 |
| 4) Chloromethane | 1.391 | 50 | 26388 | 18.13 | ug/l | 72 |
| 5) Bromomethane | 1.690 | 94 | 18995 | 18.17 | ug/l | 81 |
| 6) Vinyl Chloride | 1.460 | 62 | 21249 | 14.55 | ug/l | 96 |
| 7) Chloroethane | 1.760 | 64 | 14146 | 18.55 | ug/l | 96 |
| 8) Trichlorofluoromethane | 1.944 | 101 | 36673 | 20.55 | ug/l | 94 |
| 9) 1,1,2-Trichloro-1,2,2-... | 2.304 | 101 | 20063 | 21.90 | ug/l | 91 |
| 10) Methylene Chloride | 2.635 | 84 | 20346 | 21.25 | ug/l | 68 |
| 11) Acrolein | 2.220 | 56 | 16492 | 100.93 | ug/l | 99 |
| 12) Acrylonitrile | 2.810 | 53 | 5470 | 15.09 | ug/l | 89 |
| 13) Iodomethane | 2.413 | 142 | 40926 | 18.23 | ug/l | 93 |
| 14) Acetone | 2.328 | 43 | 35114 | 83.38 | ug/l | 99 |
| 15) Carbon Disulfide | 2.473 | 76 | 61577 | 21.93 | ug/l | 100 |
| 16) t-Butyl Alcohol | 2.708 | 59 | 7766 | 81.56 | ug/l | 78 |
| 17) n-Hexane | 3.057 | 57 | 13727 | 21.19 | ug/l | 82 |
| 18) Di-isopropyl-ether | 3.207 | 45 | 87691 | 18.37 | ug/l | 97 |
| 19) 1,1-Dichloroethene | 2.304 | 61 | 30047 | 19.49 | ug/l | 97 |
| 20) Methyl Acetate | 2.563 | 43 | 20571 | 19.37 | ug/l | 100 |
| 21) Methyl-t-butyl ether | 2.846 | 73 | 60302 | 19.25 | ug/l | 97 |
| 22) 1,1-Dichloroethane | 3.153 | 63 | 44174 | 20.82 | ug/l | 99 |
| 23) trans-1,2-Dichloroethene | 2.846 | 96 | 19262 | 21.26 | ug/l | 90 |
| 24) cis-1,2-Dichloroethene | 3.604 | 61 | 39036 | 19.96 | ug/l | 96 |
| 25) Bromochloromethane | 3.785 | 49 | 20394 | 19.10 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 3.604 | 77 | 39502 | 26.40 | ug/l | 97 |
| 27) 1,4-Dioxane | 4.760 | 88 | 12558 | 804.74 | ug/l | 86 |
| 28) 1,1-Dichloropropene | 4.086 | 75 | 32473 | 20.93 | ug/l | 96 |
| 29) Chloroform | 3.839 | 83 | 52348 | 20.31 | ug/l | 88 |
| 31) Cyclohexane | 4.020 | 56 | 31460 | 18.81 | ug/l | 94 |
| 33) 1,2-Dichloroethane | 4.212 | 62 | 44285 | 21.52 | ug/l | 90 |
| 34) 2-Butanone | 3.616 | 43 | 12471 | 18.16 | ug/l | 97 |
| 35) 1,1,1-Trichloroethane | 3.977 | 97 | 44526 | 21.37 | ug/l | 99 |
| 36) Carbon Tetrachloride | 4.092 | 117 | 39086 | 21.40 | ug/l | 94 |
| 37) Vinyl Acetate | 3.207 | 43 | 70815 | 16.11 | ug/l | 100 |
| 38) Bromodichloromethane | 4.826 | 83 | 35678 | 16.78 | ug/l | 91 |
| 39) Methylcyclohexane | 4.682 | 83 | 19708 | 19.09 | ug/l | 92 |
| 40) Dibromomethane | 4.754 | 174 | 26875 | 19.20 | ug/l | 94 |
| 41) 1,2-Dichloropropane | 4.688 | 63 | 23984 | 18.48 | ug/l | 98 |
| 42) Trichloroethene | 4.573 | 130 | 27065 | 20.04 | ug/l | 92 |
| 43) Benzene | 4.212 | 78 | 94149 | 20.45 | ug/l | 100 |
| 44) tert-Amyl methyl ether | 4.272 | 73 | 54212 | 15.92 | ug/l | 94 |
| 46) Dibromochloromethane | 5.626 | 129 | 29367 | 18.22 | ug/l | 100 |
| 48) cis-1,3-Dichloropropene | 5.055 | 75 | 28859 | 14.12 | ug/l | 97 |
| 49) trans-1,3-Dichloropropene | 5.332 | 75 | 25779 | 13.18 | ug/l | 95 |
| 50) 1,1,2-Trichloroethane | 5.416 | 97 | 21642 | 18.23 | ug/l | 92 |
| 51) 1,2-Dibromoethane | 5.699 | 107 | 22779 | 17.88 | ug/l | 93 |
| 52) 1,3-Dichloropropane | 5.506 | 76 | 35334 | 19.41 | ug/l | 92 |
| 53) 4-Methyl-2-Pentanone | 5.121 | 43 | 20482 | 13.58 | ug/l | 98 |
| 54) 2-Hexanone | 5.536 | 43 | 12011 | 12.03 | ug/l | 95 |
| 55) Tetrachloroethene | 5.506 | 164 | 27462 | 25.42 | ug/l | 91 |
| 57) Toluene | 5.229 | 92 | 58606 | 22.18 | ug/l | 92 |
| 58) 1,1,1,2-Tetrachloroethane | 5.970 | 133 | 24672 | 19.08 | ug/l | 81 |
| 59) Chlorobenzene | 5.939 | 112 | 61763 | 19.15 | ug/l | 99 |
| 61) Bromoform | 6.361 | 173 | 21822 | 14.43 | ug/l | 89 |
| 62) Ethylbenzene | 5.988 | 106 | 22848 | 16.92 | ug/l | 96 |
| 63) 1,1,2,2-Tetrachloroethane | 6.577 | 83 | 29206 | 17.09 | ug/l | 95 |
| 65) Styrene | 6.258 | 104 | 61227 | 19.83 | ug/l | 81 |
| 66) m&p-Xylenes | 6.042 | 106 | 68247 | 43.05 | ug/l | 85 |
| 67) o-Xylene | 6.252 | 106 | 33868 | 20.89 | ug/l | 75 |

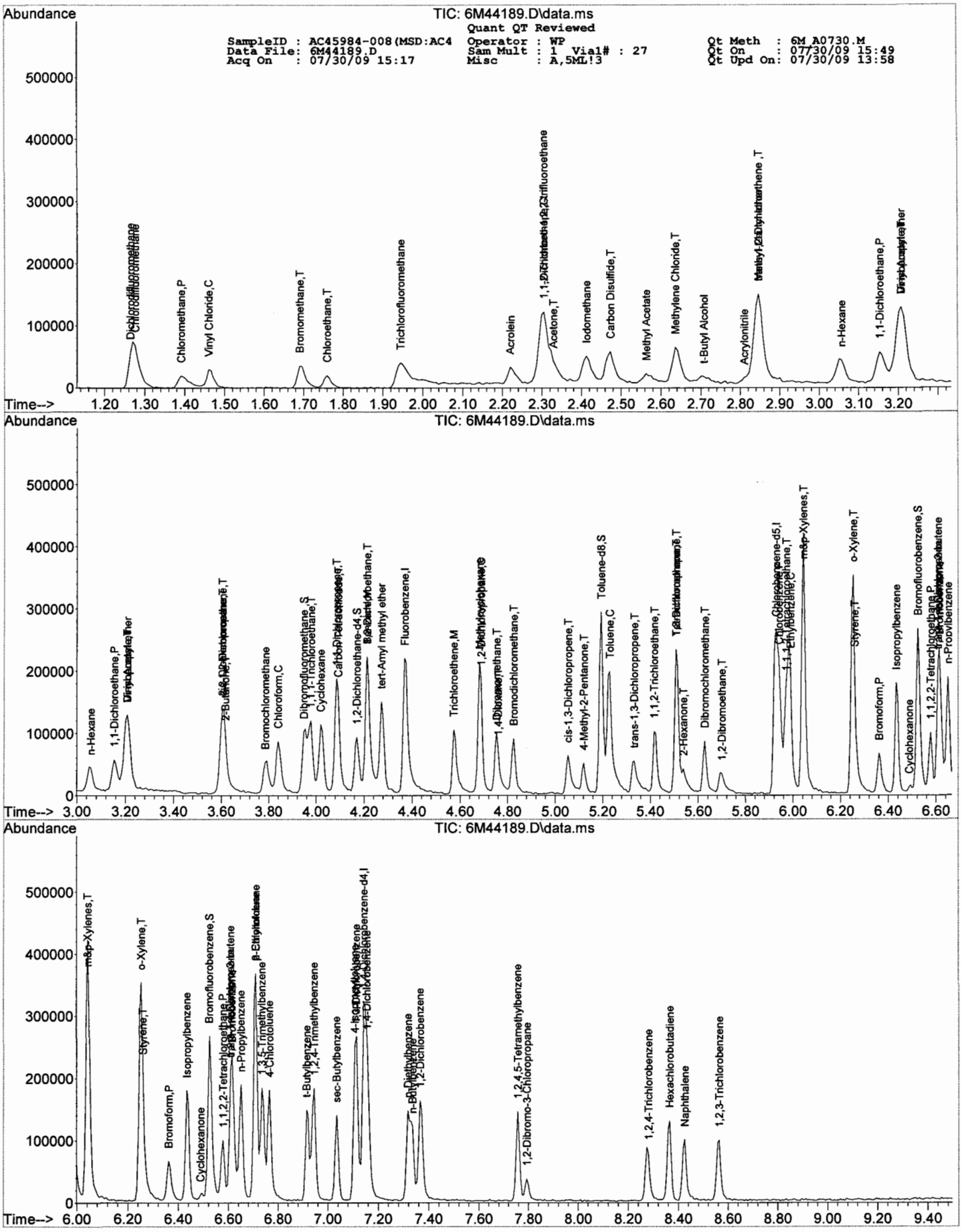
Quantitation Report (QT Reviewed)

SampleID : AC45984-008(MSD:AC4 Operator : WP Qt Meth : 6M_A0730.M
Data File: 6M44189.D Sam Mult : 1 Vial# : 27 Qt On : 07/30/09 15:49
Acq On : 07/30/09 15:17 Misc : A,5ML!3 Qt Upd On: 07/30/09 13:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\07-3009\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 68) trans-1,4-Dichloro-2-b... | 6.607 | 53 | 6897 | 16.26 ug/l | 67 |
| 69) 1,3-Dichlorobenzene | 7.113 | 146 | 47410 | 18.60 ug/l | 85 |
| 70) 1,4-Dichlorobenzene | 7.155 | 146 | 49965 | 16.35 ug/l | 86 |
| 71) 1,2-Dichlorobenzene | 7.366 | 146 | 47334 | 17.31 ug/l | 87 |
| 72) Isopropylbenzene | 6.433 | 105 | 73601 | 16.11 ug/l | 97 |
| 73) Cyclohexanone | 6.487 | 55 | 4024 | 68.46 ug/l | 89 |
| 74) 1,2,3-Trichloropropane | 6.607 | 75 | 33811 | 16.49 ug/l | 92 |
| 75) 2-Chlorotoluene | 6.710 | 91 | 74695 | 18.72 ug/l | 95 |
| 76) p-Ethyltoluene | 6.710 | 105 | 73897 | 19.63 ug/l | 86 |
| 77) 4-Chlorotoluene | 6.764 | 91 | 64185 | 17.69 ug/l | 93 |
| 78) n-Propylbenzene | 6.650 | 91 | 87066 | 17.83 ug/l | 98 |
| 79) Bromobenzene | 6.613 | 77 | 57140 | 18.83 ug/l | 83 |
| 80) 1,3,5-Trimethylbenzene | 6.734 | 105 | 66157 | 16.81 ug/l | 89 |
| 81) t-Butylbenzene | 6.914 | 119 | 53366 | 16.84 ug/l | 86 |
| 82) 1,2,4-Trimethylbenzene | 6.944 | 105 | 69090 | 18.09 ug/l | 91 |
| 83) sec-Butylbenzene | 7.035 | 105 | 56000 | 15.01 ug/l | 98 |
| 84) 4-Isopropyltoluene | 7.107 | 119 | 49867 | 18.51 ug/l | 91 |
| 85) n-Butylbenzene | 7.336 | 91 | 55347 | 16.72 ug/l | 78 |
| 86) p-Diethylbenzene | 7.318 | 119 | 29565m | 16.46 ug/l | |
| 87) 1,2,4,5-Tetramethylben... | 7.757 | 119 | 51384 | 16.16 ug/l | 89 |
| 88) 1,2-Dibromo-3-Chloropr... | 7.793 | 157 | 6604 | 15.08 ug/l | 64 |
| 89) Hexachlorobutadiene | 8.365 | 225 | 22803 | 17.94 ug/l | 96 |
| 90) 1,2,4-Trichlorobenzene | 8.281 | 180 | 24086 | 16.11 ug/l | 94 |
| 91) 1,2,3-Trichlorobenzene | 8.563 | 180 | 26263 | 17.00 ug/l | 95 |
| 92) Naphthalene | 8.425 | 128 | 56261 | 13.40 ug/l | 100 |

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


Abundance
TIC: 6M44189.D\data.ms
Quant QT Reviewed
SampleID : AC45984-008(MSD:AC4
Data File: 6M44189.D
Acq On : 07/30/09 15:17
Operator : WP
Sam Mult : 1 Vial# : 27
Misc : A,5ML!3
Qt Meth : 6M_A0730.M
Qt On : 07/30/09 15:49
Qt Upd On: 07/30/09 13:58
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M44189.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 6M44189.D\data.ms
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

# GC/MS Volatile Data
# Logbook Data

# RUN LOG

1-1-6M43654

Instrument: GCMS_6 Year: 2009
Analyst: DB

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M43654. | BFB TUNE | | V-65781,V-66520,V-69783 | DB | | | | | | 07/20 08:41 |
| 6M43655. | PREPBLK | IsCnAnc | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 08:59 |
| 6M43656. | CAL @ 1 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 09:15 |
| 6M43657. | CAL @ 0.5 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 09:31 |
| 6M43658. | CAL @ 5 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 09:47 |
| 6M43659. | CAL @ 500 PPB | Oc | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 10:03 |
| 6M43660. | CAL @ 250 PPB | Oc | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 10:19 |
| 6M43661. | CAL @ 100 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 10:35 |
| 6M43662. | CAL @ 50 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 10:51 |
| 6M43663. | CAL @ 20 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 11:06 |
| 6M43664. | CAL @ 10 PPB | | B-6098 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 11:22 |
| 6M43665. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 11:38 |
| 6M43666. | ICV | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 11:54 |
| 6M43667. | ICV | | V-69800 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 12:10 |
| 6M43668. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 12:27 |
| 6M43669. | DAILY BLANK | | OK | DB | | Methano | 1 | 1 | 8260 | 07/20 12:42 |
| 6M43670. | DAILY BLANK | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 12:58 |
| 6M43671. | MBS12817 | | OK MBS12817 | DB | | Methano | 1 | 1 | 8260 | 07/20 13:14 |
| 6M43672. | MBS12818 | | OK MBS12818 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 13:30 |
| 6M43673. | AC45849-006 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 13:46 |
| 6M43674. | AC45833-021 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 14:02 |
| 6M43675. | AC45833-020 | | OK | DB | VO10-8260 | Aqueous | 1 | 1 | 8260 | 07/20 14:18 |
| 6M43676. | AC45833-022 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 14:34 |
| 6M43677. | AC45833-019 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 14:50 |
| 6M43678. | AC45833-018 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 15:05 |
| 6M43679. | AC45833-017 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 15:21 |
| 6M43680. | AC45833-016 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 15:37 |
| 6M43681. | AC45833-015 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 15:53 |
| 6M43682. | AC45833-014 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 16:09 |
| 6M43683. | AC45833-013 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 16:25 |
| 6M43684. | AC45840-011 | | RR-1X | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 16:41 |
| 6M43685. | AC45849-005 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 16:57 |
| 6M43686. | AC45849-001 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 17:12 |
| 6M43687. | AC45849-002 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 17:28 |
| 6M43688. | AC45840-010 | | OK MBS12820 | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/20 17:44 |
| 6M43689. | AC45839-001 | Oc | RR-20X | DB | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/20 18:00 |
| 6M43690. | AC45849-003(100X) | | RR-50X - CO | DB | VO-8260 | Aqueous | 1 | 100 | 8260 | 07/20 18:19 |
| 6M43691. | AC45849-004(100X) | | RR-1X | DB | VO-8260 | Aqueous | 1 | 100 | 8260 | 07/20 18:39 |
| 6M43692. | AC45840-002(100X) | | RR-5X | DB | VO-8260 | Aqueous | 1 | 100 | 8260 | 07/20 19:00 |
| 6M43693. | MBS12820 | | OK MBS12820 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 19:17 |
| 6M43694. | AC45840-010(MS) | | OK MBS12820 | DB | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/20 19:33 |
| 6M43695. | AC45840-010(MSD) | | OK MBS12820 | DB | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/20 19:48 |
| 6M43696. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 20:04 |
| 6M43697. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 20:20 |
| 6M43698. | BLK | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 20:36 |
| 6M43699. | MBS12821 | Ti8 | OK MBS12821 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 20:51 |
| 6M43700. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/20 21:07 |
| 6M43701. | AC45811-014 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 21:23 |
| 6M43702. | AC45816-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 21:39 |
| 6M43703. | AC45816-004 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 21:55 |
| 6M43704. | AC45811-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 22:11 |
| 6M43705. | AC45811-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 22:26 |
| 6M43706. | AC45811-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 22:42 |
| 6M43707. | AC45811-004 | Oc | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 22:58 |
| 6M43708. | AC45811-006 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 23:14 |
| 6M43709. | AC45811-007 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 23:30 |
| 6M43710. | AC45811-008 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/20 23:45 |
| 6M43711. | AC45811-009 | Oc | RR-10X | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/21 00:01 |
| 6M43712. | AC45811-011 | | RR-1X - CO | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/21 00:17 |
| 6M43713. | AC45811-012 | | RR-1X - possible CO | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/21 00:33 |
| 6M43714. | AC45811-010 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/21 00:49 |
| 6M43715. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 01:04 |
| 6M43716. | AC45816-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/21 01:20 |
| 6M43717. | AC45827-001 | | OK | DB | VO-624 | Aqueous | 1 | 1 | 624 | 07/21 01:36 |
| 6M43718. | AC45827-002 | | OK | DB | VO-624 | Aqueous | 1 | 1 | 624 | 07/21 01:52 |
| 6M43719. | AC45827-003 | | OK | DB | VO-624 | Aqueous | 1 | 1 | 624 | 07/21 02:08 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Anas Not Checked | Fe | Extraction Performed Past Hold | Cn | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Date Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Ftn | Tcln/Solvent Extraction Date Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tcln Extraction Performed Outside of Hold | Fvrc | Eval Mix missing ddt or endrin |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hb | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rtn | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmd csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cme | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning. Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a samol | Sd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M28 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | TI5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | TI6 | Outside of 600 series Tune time/Cal Time |
| Eba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | TI8 | Outside of 8000 series Tune time/Cal Time |
| Emp | Problem Checking Prep/rundates modcheckpreprunda | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

1-1-6M43720

Instrument: GCMS_6 Year: 2009
Analyst: DB

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M43720. | AC45827-004 | | OK | DB | VO-624 | Aqueous | 1 | 1 | 624 | 07/21 02:23 |
| 6M43721. | AC45827-005 | | OK | DB | VO-624 | Aqueous | 1 | 1 | 624 | 07/21 02:39 |
| 6M43722. | MBS12822 | Ti8 | OK MBS12822 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 02:55 |
| 6M43723. | MBS12823 | Ti8 | OK MBS12823 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 03:11 |
| 6M43724. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 03:27 |
| 6M43725. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 03:43 |
| 6M43726. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 03:59 |
| 6M43727. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/21 04:14 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Date Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Ftn | Tcln/Solvent Extraction Date Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tcln Extraction Performed Outside of Hold | Fvrc | Eval Mix missing drlt or anddp |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hb | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rtn | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmt csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cme | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning. Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a sampl | Srd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16h | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Eba | An Extraction Before Collection Date | M18a M18h | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Emo | Problem Checking Prep/nundates modcheckprepunds | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

1-1-6M43967

Instrument: GCMS_6 Year: 2009
Analyst: WP

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M43967. | BFB TUNE | | V-65781,V-70293,V-66520,V-69783 | DB | | | | | | 07/27 07:57 |
| 6M43968. | 20 PPB | CnAnc | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 08:07 |
| 6M43969. | CAL @ 20 PPB | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 08:28 |
| 6M43970. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 08:49 |
| 6M43971. | DAILY BLANK | | OK | DB | | Methano | 1 | 1 | 8260 | 07/27 09:05 |
| 6M43972. | DAILY BLANK | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 09:21 |
| 6M43973. | AC46012-008 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 09:37 |
| 6M43974. | AC46012-009 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 09:53 |
| 6M43975. | AC45960-017 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 10:09 |
| 6M43976. | AC45960-005(20X) | | OK | DB | VO-8260 | Aqueous | 1 | 20 | 8260 | 07/27 10:27 |
| 6M43977. | AC45978-001 | | OK | DB | VO10-8260 | Methano | 1 | 1 | 8260 | 07/27 10:45 |
| 6M43978. | MBS12886 | | OK MBS12886 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 11:01 |
| 6M43979. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 11:16 |
| 6M43980. | AC45754-002 | | OK for benzene | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 11:32 |
| 6M43981. | MBS12887 | | OK MBS12887 | DB | | Methano | 1 | 1 | 8260 | 07/27 11:48 |
| 6M43982. | AC45954-007 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 12:04 |
| 6M43983. | AC45954-008 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 12:20 |
| 6M43984. | AC45954-010 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/27 12:36 |
| 6M43985. | AC45971-002 | | OK | DB | VOSTAR2-82 | Aqueous | 1 | 1 | 8260 | 07/27 12:51 |
| 6M43986. | AC45971-001(5X) | | OK | DB | VOSTAR2-82 | Aqueous | 1 | 5 | 8260 | 07/27 13:08 |
| 6M43987. | AC45997-002 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 13:23 |
| 6M43988. | AC45997-003 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 13:39 |
| 6M43989. | AC45997-004 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 13:55 |
| 6M43990. | AC45997-005 | | RR-5a - large peak!! | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 14:11 |
| 6M43991. | AC45997-006 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 14:27 |
| 6M43992. | AC45997-007 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 14:43 |
| 6M43993. | AC45997-008 | | RR-5a | DB | VO-8260 | Methano | 1 | 1 | 8260 | 07/27 14:58 |
| 6M43994. | AC45937-001(T) | | OK MBS12886 | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/27 15:14 |
| 6M43995. | AC45937-002(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/27 15:30 |
| 6M43996. | AC45937-003(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/27 15:46 |
| 6M43997. | AC45937-004(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/27 16:01 |
| 6M43998. | EF-1-V-69665(072709) | | OK | DB | | Aqueous | 1 | 7270 | 8260 | 07/27 16:23 |
| 6M43999. | AC45937-001(T:MS) | | OK MBS12886 | DB | VOTCLP-826 | Aqueous | 1 | 1 | 624 8260 | 07/27 16:39 |
| 6M44000. | AC45937-001(T:MSD) | | OK MBS12886 | DB | VOTCLP-826 | Aqueous | 1 | 1 | 624 8260 | 07/27 16:54 |
| 6M44001. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 17:10 |
| 6M44002. | AC45988-005 | | OK | DB | VOSTAR2-82 | Aqueous | 1 | 1 | 8260 | 07/27 17:26 |
| 6M44003. | AC45998-004 | | OK | DB | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/27 17:41 |
| 6M44004. | AC45998-005 | | OK | DB | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/27 17:57 |
| 6M44005. | AC45998-002 | Oc | OK | DB | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/27 18:13 |
| 6M44006. | AC45998-001 | | OK | DB | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/27 18:29 |
| 6M44007. | AC45998-003(20X) | | RR-2X - high naphthalene!! | DB | VOBTEX-826 | Aqueous | 1 | 20 | 8260 | 07/27 18:45 |
| 6M44008. | MBS12890 | | OK MBS12890 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 19:00 |
| 6M44009. | AC45811-006(MS) | | - | DB | VO10-624 | Aqueous | 1 | 1 | 624 8260 | 07/27 19:16 |
| 6M44010. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 19:32 |
| 6M44011. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 19:47 |
| 6M44012. | BLK | Ti8 | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 20:03 |
| 6M44013. | MBS12891 | Ti8 | OK MBS12891 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 20:19 |
| 6M44014. | AC46011-006 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 20:35 |
| 6M44015. | AC46011-007 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 20:50 |
| 6M44016. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 21:06 |
| 6M44017. | MBS12892 | Ti8 | OK MBS12892 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 21:22 |
| 6M44018. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/27 21:37 |
| 6M44019. | AC46004-005 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 21:53 |
| 6M44020. | AC46004-004 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 22:09 |
| 6M44021. | AC46005-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 22:25 |
| 6M44022. | AC46005-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 22:41 |
| 6M44023. | AC46004-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 22:56 |
| 6M44024. | AC46004-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 23:12 |
| 6M44025. | AC46004-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 23:28 |
| 6M44026. | AC46005-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 23:44 |
| 6M44027. | AC46011-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/27 23:59 |
| 6M44028. | AC46011-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/28 00:15 |
| 6M44029. | AC46011-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/28 00:31 |
| 6M44030. | AC46011-004 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/28 00:47 |
| 6M44031. | AC46011-005 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/28 01:03 |
| 6M44032. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 01:18 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Eo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Esm | Solvent Extraction Date Mission/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Etn | Tclp/Solvent Extraction Date Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Eto | Tclp Extraction Performed Outside of Hold | Fvrc | Eval Mix missing ddt or endrin |
| Bnf | Blank Not Found/Assigned | Ev | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hb | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rto | Can't Calculate Diff |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmt.csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cme | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning .Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a sampl | Sd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Eba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Emp | Problem Checking Prep/rundates modcheckpreprund | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

1-1-6M44033

# RUN LOG

Instrument: GCMS_6 Year: 2009
Analyst: WP

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44033. | MBS12893 | Ti8 | OK MBS12893 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 01:34 |
| 6M44034. | AC45984-021 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 01:50 |
| 6M44035. | AC45984-022 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 02:06 |
| 6M44036. | AC45984-023 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 02:21 |
| 6M44037. | AC45984-024 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 02:37 |
| 6M44038. | AC45984-025 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 02:53 |
| 6M44039. | AC45984-026 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 03:09 |
| 6M44040. | AC45984-027 | Ti8 | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/28 03:25 |
| 6M44041. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 03:40 |
| 6M44042. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 03:56 |
| 6M44043. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 04:12 |
| 6M44044. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 04:28 |
| 6M44045. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 04:44 |
| 6M44046. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/28 06:22 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Date Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Ftn | Tclv/Solvent Extraction Date Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tclv Extraction Performed Outside of Hold | Fvrc | Eval Mix missing ddt or endrin |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hh | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rtn | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank rlid not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calrpt.csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cma | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning. Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a sampl | Sd | Surrogate Diluted Out |
| D1o D2o | Ddft Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Ddft Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Ddft Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Eba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Emp | Problem Checking Prep/rundates modcheckpreprunda | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

1-1-6M44087

Instrument: GCMS_6 Year: 2009
Analyst: WP

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44087. | BFB TUNE | | OK | WP | | | | | | 07/29 07:44 |
| 6M44088. | 20 PPB | CnAnc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 07:54 |
| 6M44089. | CAL @ 20 PPB | | OK,V-70299,V-66520,V-70314,V-70381 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 08:16 |
| 6M44090. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 08:45 |
| 6M44091. | DAILY BLANK | | OK | WP | | Methano | 1 | 1 | 8260 | 07/29 09:01 |
| 6M44092. | DAILY BLANK | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 09:17 |
| 6M44093. | AC45975-010 | S8 | RR-1X see below | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 09:36 |
| 6M44094. | MBS12905 | | OK MBS12905 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 09:52 |
| 6M44095. | MBS12906 | | OK MBS12906 | WP | | Methano | 1 | 1 | 8260 | 07/29 10:07 |
| 6M44096. | AC45975-011(MS:AC4 | | OK MBS12905 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/29 10:23 |
| 6M44097. | AC45975-012(MSD:AC | | OK MBS12905 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/29 10:39 |
| 6M44098. | AC45951-003(T) | | OK | WP | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/29 10:55 |
| 6M44099. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 11:11 |
| 6M44100. | AC45975-010 | | OK MBS12905 | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 11:27 |
| 6M44101. | AC45984-013 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 11:43 |
| 6M44102. | AC45984-016 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 11:58 |
| 6M44103. | AC45975-020 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 12:14 |
| 6M44104. | AC45975-021 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 12:30 |
| 6M44105. | AC45975-022 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 12:46 |
| 6M44106. | AC45975-023 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 13:02 |
| 6M44107. | AC45975-024 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 13:18 |
| 6M44108. | AC45975-025 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 13:33 |
| 6M44109. | AC45975-033 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 13:49 |
| 6M44110. | AC45975-035 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 14:05 |
| 6M44111. | AC45975-036 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 14:21 |
| 6M44112. | AC45975-037 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 14:37 |
| 6M44113. | AC45975-040 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/29 14:54 |
| 6M44114. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 15:09 |
| 6M44115. | BLK | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 15:25 |
| 6M44116. | AC46027-012 | | OK | WP | VO10-8260 | Aqueous | 1 | 1 | 8260 | 07/29 15:41 |
| 6M44117. | AC46015-005 | | OK | WP | VOSTAR2-82 | Aqueous | 1 | 1 | 8260 | 07/29 15:57 |
| 6M44118. | AC46027-009 | | OK | WP | VO10-8260 | Aqueous | 1 | 1 | 8260 | 07/29 16:13 |
| 6M44119. | AC46015-004(10X) | | RR-1X | WP | VOSTAR2-82 | Aqueous | 1 | 10 | 8260 | 07/29 16:32 |
| 6M44120. | AC46015-003(10X) | S8 | RR-1X | WP | VOSTAR2-82 | Aqueous | 1 | 10 | 8260 | 07/29 16:52 |
| 6M44121. | AC46017-002(400uL) | | OK | WP | VOSTAR2-82 | Methano | 1 | 2 | 8260 | 07/29 17:09 |
| 6M44122. | AC46014-005 | | RR-5G MBS12906 | WP | VO-8260 | Methano | 1 | 1 | 8260 | 07/29 17:25 |
| 6M44123. | AC46017-003 | | OK | WP | VOSTAR2-82 | Methano | 1 | 1 | 8260 | 07/29 17:41 |
| 6M44124. | AC46042-001 | | OK | WP | VO-8260 | Methano | 1 | 1 | 8260 | 07/29 17:57 |
| 6M44125. | MBS12911 | | OK MBS12911 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 18:12 |
| 6M44126. | AC46014-005(MS) | | OK MBS12906 | WP | VO-8260 | Methano | 1 | 1 | 8260 | 07/29 18:28 |
| 6M44127. | AC46014-005(MSD) | | OK MBS12906 | WP | VO-8260 | Methano | 1 | 1 | 8260 | 07/29 18:44 |
| 6M44128. | BLKJUG#2 | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 18:59 |
| 6M44129. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 19:15 |
| 6M44130. | BLK | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 19:31 |
| 6M44131. | MBS12912 | Ti8 | OK MBS12912 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 19:47 |
| 6M44132. | AC45960-020(MS) | Ti8 | OK MBS12912 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/29 20:02 |
| 6M44133. | AC45960-020(MSD) | Ti8 | OK MBS12912 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/29 20:18 |
| 6M44134. | MBS12913 | Ti8 | OK MBS12913 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 20:34 |
| 6M44135. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 20:49 |
| 6M44136. | AC46055-001 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 21:05 |
| 6M44137. | AC46055-002 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 21:21 |
| 6M44138. | AC46055-003 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 21:37 |
| 6M44139. | AC46056-001 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 21:53 |
| 6M44140. | AC46056-002 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 22:08 |
| 6M44141. | AC46056-003 | | OK | WP | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/29 22:24 |
| 6M44142. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 22:40 |
| 6M44143. | AC45991-001(20X) | | RR-1X | WP | VO-624 | Aqueous | 1 | 20 | 624 | 07/29 22:56 |
| 6M44144. | AC45991-002(20X) | | RR-1X | WP | VO-624 | Aqueous | 1 | 20 | 624 | 07/29 23:12 |
| 6M44145. | AC46053-001(500X) | | RR-5X | WP | VO10-624 | Aqueous | 1 | 500 | 624 | 07/29 23:28 |
| 6M44146. | AC46053-002(500X) | | RR-1X | WP | VO10-624 | Aqueous | 1 | 500 | 624 | 07/29 23:43 |
| 6M44147. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/29 23:59 |
| 6M44148. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 00:15 |
| 6M44149. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 00:31 |
| 6M44150. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 00:47 |
| 6M44151. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 01:02 |
| 6M44152. | BLK | S6S8Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 01:18 |

| | |
|---|---|
| Anc | Area Not Checked |
| Ao | Area Out |
| B6m | Blank 600 series missing |
| B8m | Blank 8000 series missing |
| Bnf | Blank Not Found/Assigned |
| C16 | Calibration Column 1 Out (600 Series) |
| C18 | Calibration Column 1 Out (8000 Series) |
| C26 | Calibration Column 2 Out (600 Series) |
| C28 | Calibration Column 2 Out (8000 Series) |
| C6f | 600 series sample/blank did not have passing cal |
| C8f | 8000 series sample/blank did not have passing cal |
| Cma | Endino Cal missing for sample (8000 series) |
| Cn | Calibration Not Checked for sample/blank/aval |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals |
| Dnc | Drift Not Checked |
| Do | Drift Out |
| Eba | An Extraction Before Collection Date |
| Emp | Problem Checking Prep/updates modcheckprepruns |
| En | Eval Time Not Checked |

| | |
|---|---|
| Eo | Extraction Performed Past Hold |
| Esm | Solvent Extraction Data Missing/Not check'd |
| Etn | Tclo/Solvent Extraction Data Missing/Not check'd |
| Eto | Tclo Extraction Performed Outside of Hold |
| Ev | Eval Time Exceeded |
| Hb | Analysis Before Collection Date |
| Ho | Sample Analyzed outside of hold time |
| I16 I26 | Initial cal 600 series failed Column 1 and or 2 |
| I18 I28 | Initial cal 8000 series failed Column 1 and or 2 |
| Is | Initial Cal Not Checked |
| Iv | Prob with calmt csv for Init calibration chek rfs |
| Iw | Initial cal warning. Ini cal file <> method |
| Ix | Initial Cal Files Not Updated Properly for a samol |
| M16 M26 | Spike Out Col 1 and or Col 2 600 series |
| M16a M16b | Spike Out Col 1 600 series Acid and or BN |
| M18 M28 | Spike Out Col 1 and or Col 2 8000 series |
| M18a M18b | Spike Out Col 1 8000 series Acid and or BN |
| Mnc | Spike Not Checked for this ms/msd |
| Oc | Warning Compound(s) Over Calibration |

| | |
|---|---|
| Co | Warning Possible Carry Over |
| EvF | Eval Mix Failed |
| Evnc | Eval Mix Not Checked |
| Evrc | Eval Mix missing dlt or anditio |
| R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| Ro | Retention Time Out Or %Diff Out |
| Rtn | Can't Calculate Drift |
| S6 | 600 series surrogate out |
| S8 | 8000 series surrogate out |
| Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Sd | Surrogate Diluted Out |
| Snc | Surrogate Not Checked |
| Ti5 | Outside of 500 series Tune time |
| Ti6 | Outside of 600 series Tune time/Cal Time |
| Ti8 | Outside of 8000 series Tune time/Cal Time |
| Tm | Too Many Samples/ for beginning Calibration |
| Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

1-1-6M44153

Instrument: GCMS_6 Year: 2009
Analyst: WP

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44153. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 01:34 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Data Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Ftn | Tckn/Solvent Extraction Data Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tckn Extraction Performed Outside of Hold | Fvrc | Eval Mix missing ddt pr endpn |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hb | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rtn | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmt csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cme | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning. Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/aval | Ix | Initial Cal Files Not Updated Prpperly for a samp | Sd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Eba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Emp | Problem Checking Prep/rundates modcheckprepruns | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

Instrument: GCMS_6 Year: 2009
Analyst: WP

1-1-6M44158

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44158. | BFB TUNE | | OK,V-70299,V66520,V70314 | WP | | | | | | 07/30 06:47 |
| 6M44159. | 20 PPB | CnAnc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 06:58 |
| 6M44160. | 20 PPB | CnAnc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 07:22 |
| 6M44161. | BLK | CnAnc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 07:39 |
| 6M44162. | BLK | CnS6S8Anc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 07:52 |
| 6M44163. | 1 PPB | CnAnc | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 08:03 |
| 6M44164. | CAL @ 0.5 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 08:19 |
| 6M44165. | CAL @ 5 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 08:35 |
| 6M44166. | CAL @ 20 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 08:51 |
| 6M44167. | CAL @ 500 PPB | Oc | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 09:07 |
| 6M44168. | CAL @ 250 PPB | Oc | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 09:23 |
| 6M44169. | CAL @ 100 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 09:38 |
| 6M44170. | CAL @ 50 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 09:54 |
| 6M44171. | CAL @ 10 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 10:10 |
| 6M44172. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 10:35 |
| 6M44173. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 10:51 |
| 6M44174. | CAL @ 1 PPB | | B-6157 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 11:07 |
| 6M44175. | STDTEST | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 11:37 |
| 6M44176. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 11:52 |
| 6M44177. | ICV | Ivo | V-70324 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 12:08 |
| 6M44178. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 12:24 |
| 6M44179. | DAILY BLANK | | OK | WP | | Methano | 1 | 1 | 8260 | 07/30 12:40 |
| 6M44180. | DAILY BLANK | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 12:56 |
| 6M44181. | AC46032-001 | | RR-5G | WP | VO10-8260 | Methano | 1 | 1 | 8260 | 07/30 13:12 |
| 6M44182. | AC46045-001(4uL) | | RR-80uL | WP | VO10-8260 | Methano | 1 | 200 | 8260 | 07/30 13:28 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Data Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Fto | Tclp/Solvent Extraction Data Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tclp Extraction Performed Outside of Hold | Fvrc | Eval Mix missing dclt or apdrin |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hh | Analysis Before Collection Date | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rto | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmt csv for init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cme | Ending Cal missing for sample (8000 series) | Iw | Initial cal warning. Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a sampl | Sd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Eha | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Emp | Problem Checking Prep/runsdes modcheckprepunds | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| En | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

Instrument: GCMS_6 Year: 2009
Analyst: WP

1-1-6M44183

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44183. | BFB TUNE | | OK,V-70299,V-66520,V-70314,V-70509 | WP | | | | | | 07/30 13:40 |
| 6M44184. | CAL @ 20 PPB | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 13:51 |
| 6M44185. | BLKHCL | | - | WP | | Methano | 1 | 1 | 8260 | 07/30 14:12 |
| 6M44186. | DAILY BLANK | | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 14:29 |
| 6M44187. | MBS12922 | | OK MBS12922 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 14:45 |
| 6M44188. | AC45984-007(MS:AC4M16 | | OK MBS12922 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/30 15:02 |
| 6M44189. | AC45984-008(MSD:AC4M16 | | OK MBS12922 | WP | VO-8260 | Aqueous | 1 | 1 | 624 8260 | 07/30 15:17 |
| 6M44190. | AC45984-006 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/30 15:33 |
| 6M44191. | AC45984-001 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/30 15:49 |
| 6M44192. | AC45975-014 | | OK | WP | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/30 16:05 |
| 6M44193. | 45984-006 | | | | | Aqueous | 1 | 1 | 624 8260 | 07/30 16:21 |
| 6M44194. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 16:36 |
| 6M44195. | DAILY BLANK | | OK | WP | | Methano | 1 | 1 | 8260 | 07/30 16:52 |
| 6M44196. | AC46035-001 | | OK | WP | VOSTAR2-82 | Aqueous | 1 | 1 | 8260 | 07/30 17:08 |
| 6M44197. | AC46035-002 | | OK | WP | VOSTAR2-82 | Aqueous | 1 | 1 | 8260 | 07/30 17:24 |
| 6M44198. | MBS12927 | | OK MBS12927 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 17:40 |
| 6M44199. | MBS12928 | | OK MBS12928 | WP | | Methano | 1 | 1 | 8260 | 07/30 17:56 |
| 6M44200. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 18:11 |
| 6M44201. | AC46069-013 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 18:27 |
| 6M44202. | AC46065-003 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 18:43 |
| 6M44203. | AC46069-012 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 18:59 |
| 6M44204. | AC46069-001 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 19:15 |
| 6M44205. | AC46069-002 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 19:30 |
| 6M44206. | AC46069-003 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 19:46 |
| 6M44207. | AC46069-004 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 20:02 |
| 6M44208. | AC46069-005 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 20:18 |
| 6M44209. | AC46069-006 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 20:33 |
| 6M44210. | AC46069-007 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 20:49 |
| 6M44211. | AC46069-009 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 21:05 |
| 6M44212. | AC46069-010 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 21:21 |
| 6M44213. | AC46069-011 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 21:37 |
| 6M44214. | AC46069-008 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 21:52 |
| 6M44215. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 22:08 |
| 6M44216. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/30 22:24 |
| 6M44217. | AC46064-011 | | OK | WP | VOBTEX-826 | Aqueous | 1 | 1 | 8260 | 07/30 22:40 |
| 6M44218. | AC46065-001 | | OK | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 22:55 |
| 6M44219. | AC46065-002 | | RR-1X possible tic | WP | VO10-624 | Aqueous | 1 | 1 | 624 | 07/30 23:11 |
| 6M44220. | AC46088-003 | | OK | WP | VOBTEX-826 | Methano | 1 | 1 | 8260 | 07/30 23:27 |
| 6M44221. | AC46088-004 | | RR-5G | WP | ERROR | Methano | 1 | 1 | 8260 | 07/30 23:43 |
| 6M44222. | AC46088-005 | | RR-5G | WP | VOBTEX-826 | Methano | 1 | 1 | 8260 | 07/30 23:58 |
| 6M44223. | AC46088-006 | | RR-5G | WP | ERROR | Methano | 1 | 1 | 8260 | 07/31 00:14 |
| 6M44224. | AC46088-007 | | RR-5G | WP | VOBTEX-826 | Methano | 1 | 1 | 8260 | 07/31 00:30 |
| 6M44225. | AC46088-009 | | RR-5G | WP | VOBTEX-826 | Methano | 1 | 1 | 8260 | 07/31 00:46 |
| 6M44226. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 01:01 |
| 6M44227. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 01:17 |
| 6M44228. | BLK | | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 01:33 |
| 6M44229. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 01:49 |
| 6M44230. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 02:04 |
| 6M44231. | BLK | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 02:20 |
| 6M44232. | BLK | Ti8 | OK | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 02:36 |
| 6M44233. | BLKJUG#2 | Ti8 | - | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 05:33 |
| 6M44234. | AC46060-003 | | OK | WP | VO-624 | Aqueous | 1 | 1 | 624 | 07/31 05:50 |
| 6M44235. | AC46060-002 | S6Oc | RR-1X .see below | WP | VO-624 | Aqueous | 1 | 1 | 624 | 07/31 06:05 |
| 6M44236. | AC46060-001 | | OK | WP | VO-624 | Aqueous | 1 | 1 | 624 | 07/31 06:21 |
| 6M44237. | MBS12930 | Ti8 | OK MBS12930 | WP | | Aqueous | 1 | 1 | 624 8260 | 07/31 06:38 |
| 6M44238. | AC46060-002 | | OK | WP | VO-624 | Aqueous | 1 | 1 | 624 | 07/31 06:54 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extraction Performed Past Hold | Co | Warning Possible Carry Over |
| Ao | Area Out | Fsm | Solvent Extraction Date Missing/Not check'd | FvF | Eval Mix Failed |
| B6m | Blank 600 series missing | Ftn | Tcln/Solvent Extraction Date Missing/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missing | Fto | Tcln Extraction Performed Outside of Hold | Fvnc | Eval Mix missing ddt or endrin |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MaMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hb | Analysis Before Collection Date | R18 R28 | Rpd Out on MaMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | Initial cal 600 series failed Column 1 and or 2 | Rtn | Can't Calculate Diff |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | Initial Cal Not Checked | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmf csv for Init calibration chek rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cmo | Endino Cal missing for sample (8000 series) | Iw | Initial cal warning .Ini cal file <> method | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/eval | Ix | Initial Cal Files Not Updated Properly for a sampl | Sd | Surrogate Diluted Out |
| D1o D2o | Diff Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Diff Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Diff Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Fba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Fmp | Problem Checking Prep/pndates modcheckprepruns | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| Fn | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# RUN LOG

1-1-6M44244

Instrument: GCMS_6 Year: 2009 0346
Analyst: SG

| Data File | Sample Number | Flags | Comments | Reviewed By | Test Group | Matrix | Surr Dil | Sam Dil | Method(s) | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 6M44244. | BFB TUNE | | V-70299,V-70509,V-66520,V-70314 | DB | | | | | | 07/31 08:32 |
| 6M44245. | 20 PPB | CnAnc | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 08:48 |
| 6M44246. | CAL @ 20 PPB | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 09:15 |
| 6M44247. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 09:34 |
| 6M44248. | DAILY BLANK | | OK | DB | | Methano | 1 | 1 | 8260 | 07/31 09:50 |
| 6M44249. | DAILY BLANK | | OK | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 10:06 |
| 6M44250. | MBS12933 | | OK MBS12933 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 10:27 |
| 6M44251. | MBS12934 | | OK MBS12934 | DB | | Methano | 1 | 1 | 8260 | 07/31 10:43 |
| 6M44252. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 10:59 |
| 6M44253. | AC45984-002 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 11:15 |
| 6M44254. | AC46027-008(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/31 11:30 |
| 6M44255. | AC45982-003(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/31 11:46 |
| 6M44256. | AC45982-004(T) | | OK | DB | VOTCLP-826 | Aqueous | 1 | 1 | 8260 | 07/31 12:02 |
| 6M44257. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 12:18 |
| 6M44258. | AC45984-003 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 12:34 |
| 6M44259. | AC45984-004 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 12:50 |
| 6M44260. | AC45984-005 | | - | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 13:06 |
| 6M44261. | AC45984-009 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 13:21 |
| 6M44262. | AC45984-010 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 13:37 |
| 6M44263. | AC45984-011 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 13:53 |
| 6M44264. | AC45984-012 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 14:09 |
| 6M44265. | AC45984-014 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 14:25 |
| 6M44266. | AC45984-015 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 14:41 |
| 6M44267. | AC45984-017 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 14:57 |
| 6M44268. | AC45984-018 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 15:12 |
| 6M44269. | AC45984-019 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 15:28 |
| 6M44270. | AC45984-020 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 15:44 |
| 6M44271. | AC45984-021 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 16:00 |
| 6M44272. | AC45984-022 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 16:16 |
| 6M44273. | AC45984-023 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 16:31 |
| 6M44274. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 16:48 |
| 6M44275. | AC45984-005 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 17:04 |
| 6M44276. | MBS12936 | | OK MBS12936 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 17:23 |
| 6M44277. | AC45984-024 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 17:39 |
| 6M44278. | AC45984-025 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 17:55 |
| 6M44279. | AC45984-026 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 18:10 |
| 6M44280. | AC45984-027 | | OK | DB | VO-8260 | Aqueous | 1 | 1 | 8260 | 07/31 18:26 |
| 6M44281. | AC46080-004 | | OK | DB | VO10-8260 | Methano | 1 | 1 | 8260 | 07/31 18:42 |
| 6M44282. | AC46080-003 | | OK | DB | VO10-8260 | Methano | 1 | 1 | 8260 | 07/31 18:58 |
| 6M44283. | AC46080-002 | | OK | DB | VO10-8260 | Methano | 1 | 1 | 8260 | 07/31 19:14 |
| 6M44284. | AC46080-001 | | OK | DB | VO10-8260 | Methano | 1 | 1 | 8260 | 07/31 19:30 |
| 6M44285. | BLK | | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 19:45 |
| 6M44286. | MBS12937 | | OK MBS12937 | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 20:01 |
| 6M44287. | AC46055-002(MS) | | OK MBS12937 | DB | VOBTEX-624 | Aqueous | 1 | 1 | 624 8260 | 07/31 20:17 |
| 6M44288. | AC46055-002(MSD) | Ti8 | OK MBS12937 | DB | VOBTEX-624 | Aqueous | 1 | 1 | 624 8260 | 07/31 20:33 |
| 6M44289. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 20:49 |
| 6M44290. | AC46095-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 21:04 |
| 6M44291. | AC46095-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 21:20 |
| 6M44292. | AC46096-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 21:36 |
| 6M44293. | AC46096-003 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 21:52 |
| 6M44294. | AC46097-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 22:07 |
| 6M44295. | AC46097-002 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 22:23 |
| 6M44296. | AC46098-001 | | OK | DB | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/31 22:39 |
| 6M44297. | AC46098-002 | | OK | DB | VOBTEX-624 | Aqueous | 1 | 1 | 624 | 07/31 22:55 |
| 6M44298. | AC46095-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 23:11 |
| 6M44299. | AC46096-001 | | OK | DB | VO10-624 | Aqueous | 1 | 1 | 624 | 07/31 23:26 |
| 6M44300. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 23:42 |
| 6M44301. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 07/31 23:58 |
| 6M44302. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 08/01 00:14 |
| 6M44303. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 08/01 00:30 |
| 6M44304. | BLK | Ti8 | - | DB | | Aqueous | 1 | 1 | 624 8260 | 08/01 00:45 |

| | | | | | |
|---|---|---|---|---|---|
| Anc | Area Not Checked | Fo | Extractino Performed Past Hold | Co | Warnino Possible Carry Over |
| Ao | Area Out | Fsm | *Solvent Extraction Data Missino/Not check'd* | FvF | Eval Mix Failed |
| B6m | Blank 600 series missino | Ftn | Tclp/Solvent Extractino Data Missino/Not check'd | Fvnc | Eval Mix Not Checked |
| B8m | Blank 8000 series missino | Fto | Tclp Extraction Performed Outside of Hold | Fvrc | Eval Mix missino ddt or endrin |
| Bnf | Blank Not Found/Assigned | Fv | Eval Time Exceeded | R16 R26 | Rpd Out on MsMsd (col1 and or col2) 600 series |
| C16 | Calibration Column 1 Out (600 Series) | Hh | *Analysis Before Collection Date* | R18 R28 | Rpd Out on MsMsd (col1 and or col2) 8000 series |
| C18 | Calibration Column 1 Out (8000 Series) | Ho | Sample Analyzed outside of hold time | Ro | Retention Time Out Or %Diff Out |
| C26 | Calibration Column 2 Out (600 Series) | I16 I26 | *Initial cal 600 series failed Columns 1 and or 2* | Rtn | Can't Calculate Drift |
| C28 | Calibration Column 2 Out (8000 Series) | I18 I28 | Initial cal 8000 series failed Column 1 and or 2 | S6 | 600 series surrogate out |
| C6f | 600 series sample/blank did not have passing cal | Is | *Initial Cal Not Checked* | S8 | 8000 series surrogate out |
| C8f | 8000 series sample/blank did not have passing cal | Iv | Prob with calmpl csv for init calibration chak rfs | Sa6 Sb6 | Acid and or BN Surrogate Out (600 series) |
| Cma | Ending Cal missing for sample (8000 series) | Iw | *Initial cal warning. Ini cal file <> method* | Sa8 Sb8 | Acid and or BN Surrogate Out (8000 series) |
| Cn | Calibration Not Checked for sample/blank/avgl | Ix | Initial Cal Files Not Updated Properly for a sampl | Sd | Surrogate Diluted Out |
| D1o D2o | Drift Out Column 1 or Column 2 Cals or Init Cals | M16 M26 | Spike Out Col 1 and or Col 2 600 series | Snc | Surrogate Not Checked |
| Dnc | Drift Not Checked | M16a M16b | Spike Out Col 1 600 series Acid and or BN | Ti5 | Outside of 500 series Tune time |
| Do | Drift Out | M18 M28 | Spike Out Col 1 and or Col 2 8000 series | Ti6 | Outside of 600 series Tune time/Cal Time |
| Fba | An Extraction Before Collection Date | M18a M18b | Spike Out Col 1 8000 series Acid and or BN | Ti8 | Outside of 8000 series Tune time/Cal Time |
| Fmp | Problem Checking Prep/rundates modcheckpreprunds | Mnc | Spike Not Checked for this ms/msd | Tm | Too Many Samples/ for beginning Calibration |
| Fn | Eval Time Not Checked | Oc | Warning Compound(s) Over Calibration | Tmw | If for 600 ser Too many samples begin Calibration |

# Veritech Internally Prepared Standard Log

## Veritech Lot Number: V-59551

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA ADD MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 1/23/2009 | Concentration: 5000 ppm | Checked: Yes
Expiration Date: 1/23/2010 | Final Volume: 5 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 2889 | 1,2,4,5-TETRAMETHYLBENZENE | 25 mg | NEAT | 5000 ppm |
| 2881 | p-DIETHYLBENZENE | 25 mg | NEAT | 5000 ppm |
| 3741 | Methanol | 5 ml | neat neat | |
| 2880 | p-ETHYLTOLUENE | 25 mg | NEAT | 5000 ppm |

## Veritech Lot Number: V-59552

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA ADD MIX(2nd Source) | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 1/23/2009 | Concentration: 5000 ppm | Checked: Yes
Expiration Date: 1/23/2010 | Final Volume: 5 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 2889 | 1,2,4,5-TETRAMETHYLBENZENE | 25 mg | NEAT | 5000 ppm |
| 2881 | p-DIETHYLBENZENE | 25 mg | NEAT | 5000 ppm |
| 3741 | Methanol | 5 ml | neat neat | |
| 2880 | p-ETHYLTOLUENE | 25 mg | NEAT | 5000 ppm |

## Veritech Lot Number: V-63397

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA STOCK INT/SURR MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 4/2/2009 | Concentration: 1500 ppm | Checked: Yes
Expiration Date: 4/2/2010 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 3178 | 1,2-Dichloroethane-d4 | 150 mg | NEAT | 1500 ppm |
| 1297 | TOLUENE-D8 | 150 mg | NEAT | 1500 ppm |
| 1295 | CHLOROBENZENE-D5 | 150 mg | NEAT | 1500 ppm |
| 777 | 1-bromo-4-fluorobenzenne | 150 mg | neat | 1500 ppm |
| 3741 | Methanol | 100 ml | neat neat | |
| 2615 | 1,4-Dichlorobenzene-d4 | 150 mg | neat neat | 1500 ppm |
| 3693 | Dibromofluoromethane | 150 mg | NEAT | 1500 ppm |
| 3661 | Fluorobenzene | 150 mg | NEAT | 1500 ppm |

## Veritech Lot Number: V-63412

Prepared By: Batelli, Daniel | Department: Organics | ApprovedBy: DAN
Description: VOA WORKING INT/SURR MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 4/2/2009 | Concentration: 150 ppm | Checked: Yes
Expiration Date: 10/2/2009 | Final Volume: 250 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 1912 | METHANOL | 225 ml | NEAT | |
| V-63397 | VOA STOCK INT/SURR MIX | 25 ml | 1500 ppm | 150 ppm |

## Veritech Lot Number: V-65724

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: CYCLOHEXANONE | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/13/2009 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 10 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 2726 | CYCLOHEXANONE | 100 mg | NEAT | 10000 ppm |
| 4030 | METHANOL | 10 ml | NEAT neat | |

# Veritech Internally Prepared Standard Log

## Veritech Lot Number: V-65725

Prepared By: Revolus, Jean
Description: CYCLOHEXANONE(2nd Source)
Prep Date: 5/13/2009
Expiration Date: 5/13/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 2726 | CYCLOHEXANONE | 100 mg | NEAT | 10000 ppm |
| 4030 | METHANOL | 10 ml | NEAT neat | |

## Veritech Lot Number: V-65781

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 5/14/2009
Expiration Date: 10/2/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-63412 | VOA WORKING INT/SURR MIX | 500 ul | 150 ppm | 50 ppm |
| 1230 | METHANOL | 1000 ul | NEAT | |

## Veritech Lot Number: V-66520

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 5/27/2009
Expiration Date: 11/27/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 1912 | METHANOL | 225 ml | NEAT | |
| V-63397 | VOA STOCK INT/SURR MIX | 25 ml | 1500 ppm | 150 ppm |

## Veritech Lot Number: V-69782

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 7/20/2009
Expiration Date: 10/10/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 4118 | VOA 502/524 CAL MIX | 100 ul | 2000 ppm | 200 ppm |
| 1588 | P&T METHANOL | 360 ul | NEAT neat | neat |
| 4213 | CUSTOM VOC MIX | 100 ul | 2000/VARIO | various ppm |
| 4212 | METHOD 8260 ADDITIONS | 100 ul | 2000 ppm | 200 ppm |
| 4117 | VOA GAS MIX | 100 ul | 2000 ppm | 200 ppm |
| 3807 | tert-Amyl Methyl Ether | 100 ul | 2000 ppm | 200 ppm |
| V-59551 | VOA ADD MIX | 40 ul | 5000 ppm | 200 ppm |
| V-65724 | CYCLOHEXANONE | 100 ul | 10000 ppm | 1000 ppm |

# Veritech Internally Prepared Standard Log

## Veritech Lot Number: V-69783

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 7/20/2009
Expiration Date: 10/20/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 3838 | 8260 ADDITIONS | 50 ul | 2000 ppm | 100 ppm |
| 3839 | 502/524 Voa Cal Mix | 50 ul | 2000 ppm | 100 ppm |
| 4162 | Voa Gas Mix | 50 ul | 2000 ppm | 100 ppm |
| 1308 | METHANOL | 680 ul | NEAT | neat neat |
| 4214 | CUSTOM VOC MIX(2nd SOURCE) | 50 ul | 2000/VARIO | various ppm |
| V-59552 | VOA ADD MIX(2nd Source) | 20 ul | 5000 ppm | 100 ppm |
| V-65725 | CYCLOHEXANONE(2nd Source) | 50 ul | 10000 ppm | 500 ppm |
| 3749 | tert-Amyl methyl ether | 50 ul | 2000 ppm | 100 ppm |

## Veritech Lot Number: V-69791

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 7/20/2009
Expiration Date: 7/27/2009
Department: Organics
BatchNumber: B-6098
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 125 ul | VARIOUS pp | 250 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 125 ul | 200 ppm | 250 ppb |

## Veritech Lot Number: V-69792

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 7/20/2009
Expiration Date: 7/27/2009
Department: Organics
BatchNumber: B-6098
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 50 ul | VARIOUS pp | 100 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 50 ul | 200 ppm | 100 ppb |

## Veritech Lot Number: V-69793

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 7/20/2009
Expiration Date: 7/27/2009
Department: Organics
BatchNumber: B-6098
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 25 ul | VARIOUS pp | 50 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 25 ul | 200 ppm | 50 ppb |

## Veritech Lot Number: V-69794

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 7/20/2009
Expiration Date: 7/27/2009
Department: Organics
BatchNumber: B-6098
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 10 ul | VARIOUS pp | 20 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 10 ul | 200 ppm | 20 ppb |

# Veritech Internally Prepared Standard Log

## Veritech Lot Number: V-69795

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 10 PPB | BatchNumber: B-6098 | ApproveDate: 07/30/09
Prep Date: 7/20/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/27/2009 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 5 ul | VARIOUS pp | 10 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 5 ul | 200 ppm | 10 ppb |

## Veritech Lot Number: V-69796

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 5 PPB | BatchNumber: B-6098 | ApproveDate: 07/30/09
Prep Date: 7/20/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/27/2009 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 2.5 ul | VARIOUS pp | 5 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 2.5 ul | 200 ppm | 5 ppb |

## Veritech Lot Number: V-69797

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 1 PPB | BatchNumber: B-6098 | ApproveDate: 07/30/09
Prep Date: 7/20/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/27/2009 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | .5 ul | VARIOUS pp | 1 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | .5 ul | 200 ppm | 1 ppb |

## Veritech Lot Number: V-69798

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 0.5 PPB | BatchNumber: B-6098 | ApproveDate: 07/30/09
Prep Date: 7/20/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/27/2009 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | .25 ul | VARIOUS pp | 0.5 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | .25 ul | 200 ppm | 0.5 ppb |

## Veritech Lot Number: V-69799

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 500 PPB | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/20/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/27/2009 | Final Volume: 100 ml

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 250 ul | VARIOUS pp | 500 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 4141 | CHLORODIFLUOROMETHANE | 250 ul | 200 ppm | 500 ppb |

# Veritech Internally Prepared Standard Log

## Veritech Lot Number: V-69800

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 7/20/2009
Expiration Date: 7/27/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69783 | MBS | 20 ul | 100 ppm | 20 ppb |
| 1398 | p&t water | 100 ml | neat neat | neat |

## Veritech Lot Number: V-70293

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 7/27/2009
Expiration Date: 8/4/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 10 ul | VARIOUS pp | 20 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 3664 | Chlorodifluoromethane (Freon#22) | 10 ul | 200 ppm | 20 ppb |

## Veritech Lot Number: V-70299

Prepared By: Goring, Shawn
Description: BFB Tune Mix
Prep Date: 7/28/2009
Expiration Date: 10/2/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-66520 | VOA WORKING INT/SURR MIX | 500 ul | 150 ppm | 50 ppm |
| 1230 | METHANOL | 1000 ul | NEAT | |

## Veritech Lot Number: V-70314

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 7/28/2009
Expiration Date: 10/28/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| 3838 | 8260 ADDITIONS | 50 ul | 2000 ppm | 100 ppm |
| 3839 | 502/524 Voa Cal Mix | 50 ul | 2000 ppm | 100 ppm |
| 4162 | Voa Gas Mix | 50 ul | 2000 ppm | 100 ppm |
| 1308 | METHANOL | 680 ul | NEAT | neat neat |
| 4214 | CUSTOM VOC MIX(2nd SOURCE) | 50 ul | 2000/VARIO | various ppm |
| V-59552 | VOA ADD MIX(2nd Source) | 20 ul | 5000 ppm | 100 ppm |
| V-65725 | CYCLOHEXANONE(2nd Source) | 50 ul | 10000 ppm | 500 ppm |
| 3749 | tert-Amyl methyl ether | 50 ul | 2000 ppm | 100 ppm |

## Veritech Lot Number: V-70381

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 7/29/2009
Expiration Date: 8/6/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 10 ul | VARIOUS pp | 20 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 3664 | Chlorodifluoromethane (Freon#22) | 10 ul | 200 ppm | 20 ppb |

# Veritech Internally Prepared Standard Log

**Veritech Lot Number: V-70509**

| | | | |
|---|---|---|---|
| Prepared By: | Previlon, Wilner | Department: Organics | ApprovedBy: DAN |
| Description: | CAL @ 20 PPB | BatchNumber: | ApproveDate: 07/30/09 |
| Prep Date: | 7/30/2009 | Concentration: VARIOUS ppb | Checked: Yes |
| Expiration Date: | 8/7/2009 | Final Volume: 100 ml | |

| Veritech Lot# /Rec# | Lot Description | Amount Used | Conc of Std | Final Conc |
|---|---|---|---|---|
| V-69782 | 200ppm VOA Working Std | 10 ul | VARIOUS pp | 20 ppb |
| 1398 | p&t water | 100 ml | neat neat | |
| 3664 | Chlorodifluoromethane (Freon#22) | 10 ul | 200 ppm | 20 ppb |

# Veritech Standard Receipt Log

## Veritech Control/Receipt Number: 777

| Description |
|---|
| 1-bromo-4-fluorobenzenne |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| Aldrich | b6,720-1 | 08115kn | 06/05/01 | 06/11/11 | jean | 1 | 25ml | neat | |

## Veritech Control/Receipt Number: 1230

| Description |
|---|
| METHANOL |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| FISHER | A453-1 | 045850 | 06/22/05 | 06/22/15 | Revolus, Jean | 36 | 1L | NEAT | |

## Veritech Control/Receipt Number: 1295

| Description |
|---|
| CHLOROBENZENE-D5 |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SIGMA-ALDRICH | 176605-1G | 02702EA | 09/06/05 | 09/30/15 | Revolus, Jean | 1 | 1g | NEAT | |

## Veritech Control/Receipt Number: 1297

| Description |
|---|
| TOLUENE-D8 |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SIGMA-ALDRICH | 434388-5G | 02504HB | 09/06/05 | 09/30/15 | Revolus, Jean | 1 | 5g | NEAT | |

## Veritech Control/Receipt Number: 1308

| Description |
|---|
| METHANOL |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| FISHER | A453-1 | 052204 | 09/14/05 | 09/14/10 | Revolus, Jean | 36 | 1L | NEAT | |

## Veritech Control/Receipt Number: 1398

| Description |
|---|
| p&t water |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| veritech | na | na | 01/01/08 | 11/01/10 | Batelli, Daniel | 1 | na | neat | neat |

## Veritech Control/Receipt Number: 1588

| Description |
|---|
| P&T METHANOL |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| FISHER | A453-1 | 055310 | 03/03/06 | 03/03/10 | Wickliffe, David | 6 | 1L | NEAT | |

Veritech Standard Receipt Log

**Veritech Control/Receipt Number: 1912**

| Description |
|---|
| METHANOL |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| FISHER | A453-1 | 063720 | 09/07/06 | 08/28/10 | Revolus, Jean | 42 | 1L | NEAT | |

**Veritech Control/Receipt Number: 2615**

| Description |
|---|
| 1,4-Dichlorobenzene-d4 |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CIL | DLM-268 | PR-12866/06201DB1 | 07/10/07 | 04/16/12 | Hamid, Akmal | 1 | 5g | neat | neat |

**Veritech Control/Receipt Number: 2726**

| Description |
|---|
| CYCLOHEXANONE |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | F2326 | 352-153B | 09/04/07 | 01/31/11 | Revolus, Jean | 1 | 5g | NEAT | |

**Veritech Control/Receipt Number: 2880**

| Description |
|---|
| p-ETHYLTOLUENE |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | O-2413 | 376-30A | 11/19/07 | 01/31/12 | Revolus, Jean | 1 | 1g | NEAT | |

**Veritech Control/Receipt Number: 2881**

| Description |
|---|
| p-DIETHYLBENZENE |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | O-2296 | 371-140A | 11/19/07 | 12/31/10 | Revolus, Jean | 3 | 100m | NEAT | |

**Veritech Control/Receipt Number: 2889**

| Description |
|---|
| 1,2,4,5-TETRAMETHYLBENZENE |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACROS ORGANI | 409390050 | A0214190 | 11/20/07 | 11/30/20 | Revolus, Jean | 1 | 1ML | NEAT | |

**Veritech Control/Receipt Number: 3178**

| Description |
|---|
| 1,2-Dichloroethane-d4 |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SIGMA-ALDRICH | 396540-1G | EW0372 | 03/26/08 | 03/26/18 | Revolus, Jean | 1 | 1g | NEAT | |

# Veritech Standard Receipt Log

## Veritech Control/Receipt Number: 3661

| Description |
|---|
| Fluorobenzene |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | F839 | 388-117B | 10/06/08 | 09/30/13 | Revolus, Jean | 1 | 2g | NEAT | |

## Veritech Control/Receipt Number: 3664

| Description |
|---|
| Chlorodifluoromethane (Freon#22) |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACCUSTANDAR | ALR-CFC-003S-2X | B8040176 | 10/10/08 | 04/14/18 | Revolus, Jean | 10 | 1ml | 200 | PPM |

## Veritech Control/Receipt Number: 3693

| Description |
|---|
| Dibromofluoromethane |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| RESTEK | 30634 | A063048 | 10/22/08 | 09/30/13 | Revolus, Jean | 5 | 100m | NEAT | |

## Veritech Control/Receipt Number: 3741

| Description |
|---|
| Methanol |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| J T Baker | 907702 | G32E79 | 11/13/08 | 11/12/10 | Okomeng, Maxwel | 48 | 1LT | neat | neat |

## Veritech Control/Receipt Number: 3749

| Description |
|---|
| tert-Amyl methyl ether |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SUPELCO | 5-06737 | LB60583 | 11/18/08 | 11/30/11 | Revolus, Jean | 3 | 1ML | 2000 | PPM |

## Veritech Control/Receipt Number: 3807

| Description |
|---|
| tert-Amyl Methyl Ether |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| RESTEK | 30629 | A052131 | 01/07/09 | 05/31/12 | Revolus, Jean | 3 | 1ML | 2000 | PPM |

## Veritech Control/Receipt Number: 3838

| Description |
|---|
| 8260 ADDITIONS |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SUPELCO | 46831-U | LB55764 | 01/09/09 | 12/31/10 | Revolus, Jean | 5 | 1ML | 2000 | PPM |

# Veritech Standard Receipt Log

## Veritech Control/Receipt Number: 3839

| Description |
|---|
| 502/524 Voa Cal Mix |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SUPELCO | 5-02111 | LB62001 | 01/12/09 | 10/31/10 | Revolus, Jean | 5 | 1ML | 2000 | PPM |

## Veritech Control/Receipt Number: 4030

| Description |
|---|
| METHANOL |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| J T Baker | 907702 | G49E42 | 04/07/09 | 04/06/11 | Okomeng, Maxwel | 48 | 1LT | NEAT | NEAT |

## Veritech Control/Receipt Number: 4117

| Description |
|---|
| VOA GAS MIX |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | VOHC-6RPM | 419-38A | 04/29/09 | 02/28/10 | Revolus, Jean | 5 | 1ML | 2000 | PPM |

## Veritech Control/Receipt Number: 4118

| Description |
|---|
| VOA 502/524 CAL MIX |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| CHEM SERVICE | LVOC-1RPM | 414-98A | 04/29/09 | 12/31/09 | Revolus, Jean | 5 | 1ML | 2000 | PPM |

## Veritech Control/Receipt Number: 4141

| Description |
|---|
| CHLORODIFLUOROMETHANE |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACCUSTANDAR | ALR-CFC-003S-2X | B8040176 | 05/12/09 | 04/14/18 | Revolus, Jean | 10 | 1ML | 200 | PPM |

## Veritech Control/Receipt Number: 4162

| Description |
|---|
| Voa Gas Mix |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| SUPELCO | 48799-U | LB67016 | 06/08/09 | 08/31/10 | Revolus, Jean | 2 | 1ml | 2000 | PPM |

## Veritech Control/Receipt Number: 4212

| Description |
|---|
| METHOD 8260 ADDITIONS |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACCUSTANDAR | M-8260-ADD-10X | 209061111 | 06/24/09 | 10/10/09 | Revolus, Jean | 2 | 1ml | 2000 | PPM |

Veritech Standard Receipt Log

**Veritech Control/Receipt Number: 4213**

| Description |
|---|
| CUSTOM VOC MIX |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACCUSTANDAR | S-16418 | 209061237 | 06/24/09 | 12/19/09 | Revolus, Jean | 5 | 1ml | 2000/VA | PPM |

**Veritech Control/Receipt Number: 4214**

| Description |
|---|
| CUSTOM VOC MIX(2nd SOURCE) |

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

| Manufacturer | Catalog Num: | Lot Num: | Date Rec: | Exp Date: | Rec By: | Num of Cont | Volume /Cont | Conc: | Units: |
|---|---|---|---|---|---|---|---|---|---|
| ACCUSTANDAR | S-16418 | 209061250 | 06/24/09 | 12/19/09 | Revolus, Jean | 5 | 1ml | 2000/VA | PPM |