UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

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**August 14, 2012**

**MEMORANDUM**

**SUBJECT:** Contract Laboratory Program Data Review

**FROM:** Raymond Flores, Alternate ESAT Regional Project Officer, Environmental Services Branch (6MD-H)

**TO:** Vincent Malott, Superfund Project Manager (6SF-RA)

**Site:** **WEST COUNTY ROAD 112 GROUND WATER**

**Case#:** **42616**

**SDG#:** **F5YB1**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

666052

# ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

**Alion Science and Technology**

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**MEMORANDUM**

DATE: August 8, 2012

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Wallace Doong, Data Reviewer, ESAT WP

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

| | |
|---|---|
| Contract No.: | EP-W-06-030 |
| TO No.: | 030 |
| Task/Sub-Task: | 2-11 |
| ESAT Doc. No.: | B030-211-0068 |
| TDF No.: | 6-12-442B |
| ESAT File No.: | O-0909 |

Attached is the data review summary for Case # 42616
SDG # F5YB1
Site West CR 112 Groundwater

**COMMENTS:**

I. LEVEL OF DATA REVIEW

Modified CADRE Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

Some results were qualified for a technical problem that was not considered significant.

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 6**
**HOUSTON BRANCH**
**10625 FALLSTONE ROAD**
**HOUSTON, TEXAS 77099**
**ORGANIC REGIONAL DATA ASSESSMENT**

| | | | |
|---|---|---|---|
| CASE NO. | 42616 | SITE | West CR 112 Groundwater |
| LABORATORY | PEL | NO. OF SAMPLES | 20 |
| CONTRACT# | EP-W-11-034 | MATRIX | Water |
| SDG# | F5YB1 | REVIEWER (IF NOT ESB) | ESAT |
| SOW# | SOM01.2 | REVIEWER'S NAME | Wallace Doong |
| SF# | 303DD2A6R6 | COMPLETION DATE | August 8, 2012 |

| SAMPLE NO. | | | | | |
|---|---|---|---|---|---|
| | F5YA7 | F5YB4 | F5YC4 | F5YC8 | F5YD5 |
| | F5YB1 | F5YB5 | F5YC5 | F5YD0 | F5YE1 |
| | F5YB2 | F5YB6 | F5YC6 | F5YD1 | F5YE2 |
| | F5YB3 | F5YB7 | F5YC7 | F5YD4 | F5YE6 |

DATA ASSESSMENT SUMMARY

| | LMVOA |
|---|---|
| 1. HOLDING TIMES | O |
| 2. GC/MS TUNE/INSTR. PERFORM. | O |
| 3. CALIBRATIONS | M |
| 4. BLANKS | O |
| 5. DMC/SURROGATES | O |
| 6. MATRIX SPIKE/DUPLICATE/LCS | N/A |
| 7. OTHER QC | N/A |
| 8. INTERNAL STANDARDS | O |
| 9. COMPOUND ID/QUANTITATION | O |
| 10. PERFORMANCE/COMPLETENESS | O |
| 11. OVERALL ASSESSMENT | M |

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

**ACTION ITEMS:**

**AREA OF CONCERN:** The 1,4-dioxane did not meet the technical minimum RRF calibration criteria.

**COMMENTS/CLARIFICATIONS**
**REGION 6 CLP QA REVIEW**

**CASE** 42616 **SDG** F5YB1 **SITE** West CR 112 Groundwater **LAB** PEL

**COMMENTS:** This SDG consisted of 20 water samples for LMVOA analysis following CLP SOW SOM01.2. The sampler designated samples F5YD0, F5YD1, F5YD4, and F5YD5 as rinsates; samples F5YE1 and F5YE2 as field blanks; and sample F5YE6 as a trip blank. Trip blank sample F5YE7 (SDG F5YE7) was associated with some field samples in this SDG. All field blanks and trip blanks were free from target compound contamination. MS/MSD analyses were not required.

The compounds of concern are trichloroethene and tetrachloroethene with each having an action level of 5.0 ug/L (SOW CRQL). Both target compounds of concern were reported at concentrations above the action level for samples F5YB2, F5YB3, F5YB4, F5YC4, F5YC7, and F5YC8. Sample F5YC7 was diluted (4X) and reanalyzed to bring the concentration of cis-1,2-dichloroethene within the calibration range.

Modified CADRE review was performed for this package as requested by the Region. For this review option, the CCS and CADRE primarily determine the laboratory contractual compliance and the technical usability of the sample results, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the CADRE report. The CADRE narrative for the SDG is attached to this report as an addendum for additional information.

**DATA ASSESSMENT:** The QC problems affecting data usability are addressed below.

- All samples were preserved with acid as indicated by the pH values reported by the laboratory. Please note that polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low-biased results for these two compounds.

- The 1,4-dioxane did not meet the technical minimum RRF criteria for all calibrations. Since the IC raw data demonstrated the instrument sensitivity at the CRQL, the reviewer did not reject the non-detect results. Instead, the reviewer qualified the reported QL for 1,4-dioxane as estimated and biased low for samples F5YB1, F5YC4, F5YD0, F5YD1, F5YD4, F5YE1, and F5YE2 because the raw data for the associated opening CCV indicated a significant loss of instrument response for this compound. In the reviewer's opinion, the actual QL could be up to 10X the reported value for these samples.

- Because of possible laboratory contamination, all laboratory "B"-flagged methylene chloride results <CRQL should be considered undetected and were "U"-flagged at the CRQL on the DST.

**ORGANIC QA REVIEW**
**CONTINUATION PAGE**

**CASE** 42616 **SDG** F5YB1 **SITE** West CR 112 Groundwater **LAB** PEL

- The reviewer was unable to assess the impact of the equipment contamination because information associating the rinsate with the samples was unavailable. Please note that cis-1,3-dichloropropene was detected at a concentration <CRQL in rinsate sample F5YD4.

**OVERALL ASSESSMENT:** Some results were qualified for seven samples because of a problem with calibration. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

## ORGANIC ACRONYMS

| | |
|---|---|
| **%D** | Percent Difference |
| **%RSD** | Percent Relative Standard Deviation |
| **ARO** | Aroclors |
| **BFB** | 4-Bromofluorobenzene |
| **BNA** | Base/Neutral and Acid |
| **CADRE** | Computer-Aided Data Review and Evaluation |
| **CCS** | Contract Compliance Screening |
| **CCV** | Continuing Calibration Verification |
| **CF** | Calibration Factor |
| **CRQL** | Contract Required Quantitation Limit |
| **CSF** | Complete SDG File |
| **DCB** | Decachlorobiphenyl |
| **DFTPP** | Decafluorotriphenylphosphine |
| **DMC** | Deuterated Monitoring Compound |
| **DST** | Data Summary Table |
| **GC/ECD** | Gas Chromatograph/Electron Capture Detector |
| **GC/MS** | Gas Chromatograph/Mass Spectrometer |
| **GPC** | Gel Permeation Chromatography |
| **IC** | Initial Calibration |
| **INDA(B,C)** | Individual Standard Mixture A(or B or C) |
| **IS** | Internal Standard |
| **LCS** | Laboratory Control Sample |
| **LMVOA** | Low/Medium Volatile Organic Analysis |
| **MS/MSD** | Matrix Spike/Matrix Spike Duplicate |
| **NFG** | National Functional Guidelines |
| **OTR/COC** | Organic Traffic Report/Chain of Custody |
| **PAH** | Polynuclear Aromatic Hydrocarbon |
| **PE** | Performance Evaluation |
| **PEM** | Performance Evaluation Mixture |
| **PEST** | Pesticides |
| **QA** | Quality Assurance |
| **QC** | Quality Control |
| **QL** | Quantitation Limit |
| **RIC** | Reconstructed Ion Chromatogram |
| **RPD** | Relative Percent Difference |
| **RRF** | Relative Response Factor |
| **RRT** | Relative Retention Time |
| **RSCC** | Regional Sample Control Center |
| **RT** | Retention Time |
| **SDG** | Sample Delivery Group |
| **SDMC** | Semivolatile Deuterated Monitoring Compound |
| **SIM** | Selected Ion Monitoring |
| **SMO** | Sample Management Office |
| **SOW** | Statement of Work |
| **SQL** | Sample Quantitation Limit |
| **SVOA** | Semivolatile Organic Analysis |
| **TCL** | Target Compound List |
| **TCX** | Tetrachloro-m-xylene |
| **TIC** | Tentatively Identified Compound |
| **TVOA** | Trace Volatile Organic Analysis |
| **VDMC** | Volatile Deuterated Monitoring Compound |
| **VOA** | Volatile Organic Analysis |

## HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

**Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

## ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

**U** Not detected at reported quantitation limit.

**N** Identification is tentative.

**J** Estimated value.

**L** Reported concentration is below the CRQL.

**M** Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

**R** Unusable.

**^** High biased. Actual concentration may be lower than the concentration reported.

**v** Low biased. Actual concentration may be higher than the concentration reported.

**F+** A false positive exists.

**F-** A false negative exists.

**UJ** Estimated quantitation limit.

**T** Identification is questionable because of absence of other commonly coexisting pesticides.

**C** Identification of pesticide or aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

**X** Identification of pesticide or aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 127-18-4 | Tetrachloroethene | 1.2 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 127-18-4 | Tetrachloroethene | 1.8 | LJ | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-35-4 | 1,1-Dichloroethene | 91 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 156-60-5 | trans-1,2-Dichloroethene | 1.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-34-3 | 1,1-Dichloroethane | 15 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 156-59-2 | cis-1,2-Dichloroethene | 120 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 107-06-2 | 1,2-Dichloroethane | 1.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-01-6 | Trichloroethene | 46 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 127-18-4 | Tetrachloroethene | 37 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-35-4 | 1,1-Dichloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-34-3 | 1,1-Dichloroethane | 8.3 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 156-59-2 | cis-1,2-Dichloroethene | 9.3 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-01-6 | Trichloroethene | 5.9 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 127-18-4 | Tetrachloroethene | 6.8 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-35-4 | 1,1-Dichloroethene | 28 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-34-3 | 1,1-Dichloroethane | 11 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 156-59-2 | cis-1,2-Dichloroethene | 29 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 107-06-2 | 1,2-Dichloroethane | 1.8 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 123-91-1 | 1,4-Dioxane | 120 | | ug/L | 100 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-01-6 | Trichloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 127-18-4 | Tetrachloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-35-4 | 1,1-Dichloroethene | 3.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 156-59-2 | cis-1,2-Dichloroethene | 2.3 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 123-91-1 | 1,4-Dioxane | 120 | | ug/L | 100 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-01-6 | Trichloroethene | 2.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 127-18-4 | Tetrachloroethene | 2.8 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-35-4 | 1,1-Dichloroethene | 1.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 127-18-4 | Tetrachloroethene | 2.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 127-18-4 | Tetrachloroethene | 1.0 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-35-4 | 1,1-Dichloroethene | 5.3 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-34-3 | 1,1-Dichloroethane | 6.8 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 156-59-2 | cis-1,2-Dichloroethene | 4.9 | LJ | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-01-6 | Trichloroethene | 5.1 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 127-18-4 | Tetrachloroethene | 6.2 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 127-18-4 | Tetrachloroethene | 1.1 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 127-18-4 | Tetrachloroethene | 1.4 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-35-4 | 1,1-Dichloroethene | 170 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.1 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-34-3 | 1,1-Dichloroethane | 40 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 156-59-2 | cis-1,2-Dichloroethene | 350 | * | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 107-06-2 | 1,2-Dichloroethane | 1.8 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 123-91-1 | 1,4-Dioxane | 160 | | ug/L | 100 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-01-6 | Trichloroethene | 130 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-00-5 | 1,1,2-Trichloroethane | 2.2 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 127-18-4 | Tetrachloroethene | 50 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-71-8 | Dichlorodifluoromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-87-3 | Chloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-01-4 | Vinyl chloride | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-83-9 | Bromomethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-00-3 | Chloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-69-4 | Trichlorofluoromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-35-4 | 1,1-Dichloroethene | 120 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 67-64-1 | Acetone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-15-0 | Carbon disulfide | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-20-9 | Methyl Acetate | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-09-2 | Methylene chloride | 5.4 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 156-60-5 | trans-1,2-Dichloroethene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 1634-04-4 | Methyl tert-butyl ether | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-34-3 | 1,1-Dichloroethane | 33 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 156-59-2 | cis-1,2-Dichloroethene | 270 | | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 78-93-3 | 2-Butanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-97-5 | Bromochloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 67-66-3 | Chloroform | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 71-55-6 | 1,1,1-Trichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 110-82-7 | Cyclohexane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 56-23-5 | Carbon tetrachloride | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 71-43-2 | Benzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 107-06-2 | 1,2-Dichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 123-91-1 | 1,4-Dioxane | 400 | U* | ug/L | 400 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-01-6 | Trichloroethene | 89 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-87-2 | Methylcyclohexane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 78-87-5 | 1,2-Dichloropropane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-27-4 | Bromodichloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 10061-01-5 | cis-1,3-Dichloropropene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-10-1 | 4-Methyl-2-pentanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-88-3 | Toluene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 10061-02-6 | trans-1,3-Dichloropropene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-00-5 | 1,1,2-Trichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 127-18-4 | Tetrachloroethene | 34 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 591-78-6 | 2-Hexanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 124-48-1 | Dibromochloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 106-93-4 | 1,2-Dibromoethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-90-7 | Chlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 100-41-4 | Ethylbenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 95-47-6 | o-Xylene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 179601-23-1 | m,p-Xylene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 100-42-5 | Styrene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-25-2 | Bromoform | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 98-82-8 | Isopropylbenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 541-73-1 | 1,3-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 106-46-7 | 1,4-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 95-50-1 | 1,2-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-35-4 | 1,1-Dichloroethene | 70 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 156-60-5 | trans-1,2-Dichloroethene | 1.4 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-34-3 | 1,1-Dichloroethane | 12 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 156-59-2 | cis-1,2-Dichloroethene | 80 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-01-6 | Trichloroethene | 33 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 127-18-4 | Tetrachloroethene | 29 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 10061-01-5 | cis-1,3-Dichloropropene | 3.7 | LJ | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 123-91-1 | 1,4-Dioxane | 100 | R | ug/L | 100 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |

# INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 42616 SDG No. F5YB1 SDG Nos. To Follow Mod. Ref No. Date Rec 7/11/12

EPA Lab ID: PEL

Lab Location: Tampa, FL

Region: 6 Audit No.: 42616/F5YB1

Re_Submitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Over for additional comments.

| ORIGINALS | YES | NO | N/A |
|---|---|---|---|
| **CUSTODY SEALS** | | | |
| 1. Present on package? | X | | |
| 2. Intact upon receipt? | X | | |
| **FORM DC-2** | | | |
| 3. Numbering scheme accurate? | X | | |
| 4. Are enclosed documents listed? | X | | |
| 5. Are listed documents enclosed? | X | | |
| **FORM DC-1** | | | |
| 6. Present? | X | | |
| 7. Complete? | X | | |
| 8. Accurate? | X | | |
| **TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)** | | | |
| 9. Signed? | X | | |
| 10. Dated? | X | | |
| **AIRBILLS/AIRBILL STICKER** | | | |
| 11. Present? | X | | |
| 12. Signed? | X | | |
| 13. Dated? | X | | |
| **SAMPLE TAGS** | | | |
| 14. Does DC-1 list tags as being included? | X | | |
| 15. Present? | X | | |
| **OTHER DOCUMENTS** | | | |
| 16. Complete? | X | | |
| 17. Legible? | X | | |
| 18. Original? | | X | |
| 18a. If "NO", does the copy indicate where original documents are located? | X | | |

Audited by: Wallace Doong — Wallace Doong / ESAT Data Reviewer — Date 8/2/12

Audited by: _____ — _____ — Date _____

Signature — Printed Name/Title

DC-2__

**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-061912-135531-0027**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YB0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471266 (HCL pH<2 Ice to 4C), 6-471267 (HCL pH<2 Ice to 4C), 6-471268 (HCL pH<2 Ice to 4C) (3) | WMW-24A | 06/19/2012 16:31 | | Field Sample |
| F5YB1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471270 (HCL pH<2 Ice to 4C), 6-471271 (HCL pH<2 Ice to 4C), 6-471272 (HCL pH<2 Ice to 4C) (3) | WMW-27A | 06/19/2012 17:38 | | Field Sample |
| F5YB2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471274 (HCL pH<2 Ice to 4C), 6-471275 (HCL pH<2 Ice to 4C), 6-471276 (HCL pH<2 Ice to 4C) (3) | WMW-34A | 06/20/2012 08:59 | | Field Sample |
| F5YB4 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471278 (HCL pH<2 Ice to 4C), 6-471279 (HCL pH<2 Ice to 4C), 6-471280 (HCL pH<2 Ice to 4C) (3) | WMW-33A | 06/20/2012 10:17 | | Field Sample |

Special Instructions:

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | | | | | | | | | |
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**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-061912-135531-0027**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YC4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-499640 (HCL pH<2 Ice to 4C), 6-499641 (HCL pH<2 Ice to 4C), 6-499642 (HCL pH<2 Ice to 4C) (3) | WMW-13A | 06/19/2012 10:20 | | Field Sample |
| F5YD0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-445495 (HCL pH<2 Ice to 4C), 6-445499 (HCL pH<2 Ice to 4C), 6-445500 (HCL pH<2 Ice to 4C) (3) | ER-12 | 06/19/2012 09:35 | | Rinsate |
| F5YD1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-446421 (HCL pH<2 Ice to 4C), 6-446600 (HCL pH<2 Ice to 4C), 6-449167 (HCL pH<2 Ice to 4C) (3) | ER-13 | 06/20/2012 09:17 | | Rinsate |
| F5YD4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471192 (HCL pH<2 Ice to 4C), 6-471193 (HCL pH<2 Ice to 4C), 6-471194 (HCL pH<2 Ice to 4C) (3) | ER-16 | 06/19/2012 16:30 | | Rinsate |

Special Instructions:

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | | | | | | | | | |
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**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-061912-135531-0027**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YE1 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460253 (HCL pH<2 Ice to 4C), 6-460254 (HCL pH<2 Ice to 4C), 6-460255 (HCL pH<2 Ice to 4C) (3) | FB-2 | 06/19/2012 10:45 | | Field QC |
| F5YE2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460256 (HCL pH<2 Ice to 4C), 6-460257 (HCL pH<2 Ice to 4C), 6-460258 (HCL pH<2 Ice to 4C) (3) | FB-3 | 06/20/2012 09:13 | | Field QC |
| F5YE6 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460268 (HCL pH<2 Ice to 4C), 6-460269 (HCL pH<2 Ice to 4C), 6-460270 (HCL pH<2 Ice to 4C) (3) | TB- 2 | 06/19/2012 12:54 | | Field QC |

Special Instructions:

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | | | | | | | | | |

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**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-062012-173930-0032**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YA7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-489417 (HCL pH<2 Ice to 4C), 6-495357 (HCL pH<2 Ice to 4C), 6-499743 (HCL pH<2 Ice to 4C) (3) | WMW-26A | 06/20/2012 13:44 | | Field Sample |
| F5YB3 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474104 (HCL pH<2 Ice to 4C), 6-474105 (HCL pH<2 Ice to 4C), 6-474106 (HCL pH<2 Ice to 4C) (3) | SMW-39 | 06/20/2012 17:11 | | Field Sample |
| F5YB5 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471282 (HCL pH<2 Ice to 4C), 6-471283 (HCL pH<2 Ice to 4C), 6-471284 (HCL pH<2 Ice to 4C) (3) | WMW-32A | 06/20/2012 11:28 | | Field Sample |
| F5YB6 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471287 (HCL pH<2 Ice to 4C), 6-471288 (HCL pH<2 Ice to 4C), 6-471289 (HCL pH<2 Ice to 4C) (3) | WMW-31A | 06/20/2012 14:54 | | Field Sample |

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Special Instructions:

**Shipment for Case Complete?** ~~N~~ Y JL

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/21/12 | | | | | | | | | |
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**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-062012-173930-0032**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YB7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471291 (HCL pH<2 Ice to 4C), 6-471292 (HCL pH<2 Ice to 4C), 6-471293 (HCL pH<2 Ice to 4C) (3) | WMW-29A | 06/20/2012 15:57 | | Field Sample |
| F5YC5 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311157 (HCL pH<2 Ice to 4C), 6-311158 (HCL pH<2 Ice to 4C), 6-499650 (HCL pH<2 Ice to 4C) (3) | SMW-26 | 06/20/2012 11:50 | | Field Sample |
| F5YC6 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311160 (HCL pH<2 Ice to 4C), 6-311161 (HCL pH<2 Ice to 4C), 6-311162 (HCL pH<2 Ice to 4C) (3) | SMW-26A | 06/20/2012 14:00 | | Field Sample |
| F5YC7 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311178 (HCL pH<2 Ice to 4C), 6-312949 (HCL pH<2 Ice to 4C), 6-351199 (HCL pH<2 Ice to 4C) (3) | SMW-37 | 06/20/2012 15:15 | | Field Sample |

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Special Instructions:

**Shipment for Case Complete?** ~~N~~ Y SL

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/21/12 | | | | | | | | | |
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**USEPA CLP Organics COC (REGION COPY)**
DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**
West County Road 112 GW Plume/TX
Case #: 42616

**No: 6-062012-173930-0032**
Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| F5YC8 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474100 (HCL pH<2 Ice to 4C), 6-474101 (HCL pH<2 Ice to 4C), 6-474102 (HCL pH<2 Ice to 4C) (3) | SMW-38 | 06/20/2012 17:25 | | Field Sample |
| F5YD5 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471196 (HCL pH<2 Ice to 4C), 6-471197 (HCL pH<2 Ice to 4C), 6-471198 (HCL pH<2 Ice to 4C) (3) | ER-17 | 06/20/2012 16:35 | | Rinsate |
| F5YE7 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460271 (HCL pH<2 Ice to 4C), 6-460272 (HCL pH<2 Ice to 4C), 6-460273 (HCL pH<2 Ice to 4C) (3) | TB- 3 | 06/20/2012 14:11 | | Field QC |
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Special Instructions:

**Shipment for Case Complete?** ~~N~~ Y JL

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1800 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1800 | | | | | | |
| | [signature] | 6/21/12 | | | | | | | | | |

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# ADDENDUM

# CADRE NARRATIVE

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

Blanks

| **Blanks** | **VOA_Low_Med** |
|---|---|
| VLB11 | The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrationshave been elevated to the CRQL. |
| | F5YB2, F5YC7, F5YC7DL |
| | **Methylene chloride** F5YB2, F5YC7, F5YC7DL |
| **Blanks** | **VOA_Low_Med** |
| VLB46 | The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. |
| | F5YB2, F5YC7, F5YC7DL |
| | **Methylene chloride** F5YB2, F5YC7, F5YC7DL |

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

Continuing Calibration Verification

| Continuing Calibration Verification | VOA_Low_Med |
|---|---|
| VC14 | The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R. |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **1,4-Dioxane** VSTD0506P, VSTD0506Q, VSTD0506R, VSTD0506S, VSTD0506T, VSTD0506U |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

DMC/Surrogate

| DMC/Surrogate | VOA_Low_Med |
|---|---|
| VDSS3 | The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F5YB2, F5YC7, F5YC8 |
| | **1,1-Dichloroethene-d2** F5YB2, F5YC7, F5YC8 |
| | 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene |

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

Detection Limit

| Detection Limit | VOA_Low_Med |
|---|---|
| VDL1 | The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F5YA7, F5YB1, F5YB2, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD4, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **Tetrachloroethene** F5YA7, F5YB1, F5YB5, F5YB6, F5YB7, F5YC5, F5YC6 |
| | **1,1-Dichloroethane** F5YB5 |
| | **Trichloroethene** F5YB5 |
| | **1,2-Dichloroethane** F5YB2, F5YB4, F5YC7 |
| | **1,1,2-Trichloroethane** F5YC7 |
| | **1,2,3-Trichlorobenzene** VBLK6N, VBLK6O, VBLK6P, VBLK6Q |
| | **cis-1,2-Dichloroethene** F5YB5, F5YC4 |
| | **1,1-Dichloroethene** F5YB5, F5YB6 |
| | **cis-1,3-Dichloropropene** F5YD4 |
| | **Acetone** VBLK6N, VBLK6P |
| | **1,2,4-Trichlorobenzene** VBLK6N, VBLK6O, VBLK6P, VBLK6Q |
| | **trans-1,2-Dichloroethene** F5YB2, F5YC8 |
| | **Methylene chloride** F5YB2, F5YC7, F5YC7DL, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

Initial Calibration

| **Initial Calibration** | **VOA_Low_Med** |
|---|---|
| VC15 | The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R. |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **1,4-Dioxane** VSTD0056M, VSTD0106M, VSTD0506M, VSTD1006M, VSTD2056M |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| **Initial Calibration** | **VOA_Low_Med** |
| VC19 | The following volatile samples are associated with an initial calibration in which a DMC exceeded percent relative standard deviation (%RSD) criteria. Detected and nondetected compounds are not qualified. |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **trans-1,3-Dichloropropene-d4** VSTD0056M |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| **Initial Calibration** | **VOA_Low_Med** |
| VC20 | The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **1,4-Dioxane-d8** VSTD0056M, VSTD0106M, VSTD0506M, VSTD1006M, VSTD2056M |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| **Initial Calibration** | **VOA_Low_Med** |
| VC6 | The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds. |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |
| | **trans-1,3-Dichloropropene** VSTD0056M |
| | F5YA7, F5YB1, F5YB2, F5YB3, F5YB4, F5YB5, F5YB6, F5YB7, F5YC4, F5YC5, F5YC6, F5YC7, F5YC7DL, F5YC8, F5YD0, F5YD1, F5YD4, F5YD5, F5YE1, F5YE2, F5YE6, VBLK6N, VBLK6O, VBLK6P, VBLK6Q, VHBLK6N |

# National Functional Guidelines Report #03

**Lab** PEL(PEL Laboratories, Inc.) **SDG** F5YB1 **Case** 42616 **Contract** EPW11034 **Region** 6 **DDTID** 154987 **SOW** SOM01.2

## *Data Review Reports*

TIC

| TIC | VOA_Low_Med |
|---|---|
| VTIC1 | A library search indicates a match at or above 85% for a TIC compound in the volatile sample Detected compounds are qualified NJ. Nondetected compounds are not qualified. |
| | F5YC7 |
| | **Naphthalene, 2,6-dimethyl-_3** F5YC7 |
| | **Naphthalene, 2,3-dimethyl-_4** F5YC7 |
| | **Naphthalene, 1-ethyl-_2** F5YC7 |
| **TIC** | **VOA_Low_Med** |
| VTIC2 | A library search indicates a match below 85% for a TIC compound in the volatile sample Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F5YB1, F5YB2, F5YB5, F5YB6, F5YC4, F5YC6, F5YE2, VBLK6O |
| | **Unknown_1** F5YB1, F5YB2, F5YB5, F5YB6, F5YC4, F5YC6, F5YE2, VBLK6O |

Date Reported:
10-Jul-12

**SPECTRUM ANALYTICAL, INC.**
*Featuring*
**HANIBAL TECHNOLOGY**

# Laboratory Report

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

USEPA
15000 Conference Center Drive
Chantilly , VA 20151

Project # 3506386
Project: F5YB1

Attn: Nazy Abousaeedi

| Laboratory ID | Client Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| 350638601 | F5YB1 | W | 19-Jun-12 17:38 | 21-Jun-12 9:35 |
| 350638602 | F5YB2 | W | 20-Jun-12 8:59 | 21-Jun-12 9:35 |
| 350638603 | F5YB4 | W | 20-Jun-12 10:17 | 21-Jun-12 9:35 |
| 350638604 | F5YC4 | W | 19-Jun-12 10:20 | 21-Jun-12 9:35 |
| 350638605 | F5YD0 | W | 19-Jun-12 9:35 | 21-Jun-12 9:35 |
| 350638606 | F5YD1 | W | 20-Jun-12 9:17 | 21-Jun-12 9:35 |
| 350638607 | F5YD4 | W | 19-Jun-12 16:30 | 21-Jun-12 9:35 |
| 350638608 | F5YE1 | W | 19-Jun-12 10:45 | 21-Jun-12 9:35 |
| 350638609 | F5YE2 | W | 20-Jun-12 9:13 | 21-Jun-12 9:35 |
| 350638610 | F5YE6 | W | 19-Jun-12 12:54 | 21-Jun-12 9:35 |
| 350638611 | F5YA7 | W | 20-Jun-12 13:44 | 22-Jun-12 10:00 |
| 350638612 | F5YB3 | W | 20-Jun-12 17:11 | 22-Jun-12 10:00 |
| 350638613 | F5YB5 | W | 20-Jun-12 11:28 | 22-Jun-12 10:00 |
| 350638614 | F5YB6 | W | 20-Jun-12 14:54 | 22-Jun-12 10:00 |
| 350638615 | F5YB7 | W | 20-Jun-12 15:57 | 22-Jun-12 10:00 |
| 350638616 | F5YC5 | W | 20-Jun-12 11:50 | 22-Jun-12 10:00 |
| 350638617 | F5YC6 | W | 20-Jun-12 14:00 | 22-Jun-12 10:00 |
| 350638618 | F5YC7 | W | 20-Jun-12 15:15 | 22-Jun-12 10:00 |
| 350638619 | F5YC8 | W | 20-Jun-12 17:25 | 22-Jun-12 10:00 |
| 350638620 | F5YD5 | W | 20-Jun-12 16:35 | 22-Jun-12 10:00 |

Date Reported:
10-Jul-12

**SPECTRUM ANALYTICAL, INC.**
*Featuring*
**HANIBAL TECHNOLOGY**

# Laboratory Report

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Chantilly , VA 20151

Project # 3506386
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Attn: Nazy Abousaeedi

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Soil samples are reported on dry weight basis, unless otherwise noted.

Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis.

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirments have been meet unless noted in the case narrative.

Please contact the laboratory at 813-888-9507 with any questions regarding the data contained in the laboratory report.

| | |
|---|---|
| Florida | E84207 |
| Texas | T104704408-12-4 |
| South Carolina | 96011001 |
| North Dakota | R-178 |
| California | 07253CA |
| Louisiana | 02025 |
| Kansas | E-10385 |
| Arkansas | 11-036-1 |

NELAP ACCREDITED LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2259 Testing

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. Florida Division

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC 2

LABORATORY NAME PEL, Spectrum Analytical, Inc.
CITY/STATE Tampa, FL
CASE NO. 42616 SDG NO. F5YB1
SDG NOs. TO FOLLOW -- -- --
MOD. REF. NO. --
CONTRACT NO. EP-W-11-034
SOW NO. SOM01.2

All documents delivered in the Complete SDG File (CSF) must be original documents where possible.

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| 1. **Inventory Sheet** (Form DC-2) (Do not number) | | | ✓ | ✓ |
| 2. **SDG Case Narrative** | 1 | 3 | ✓ | ✓ |
| 3. **SDG Cover Sheet/Traffic Report** | 4 | 10 | ✓ | ✓ |
| 4. **Trace Volatiles Data** | | | | |
| a. QC Summary | | | | |
| Deuterated Monitoring Compound Recovery (Form II VOA-1 and VOA-2) | NA | NA | NA | NA |
| Matrix Spike/Matrix Spike Duplicate Recovery (Form III VOA) (if requested by USEPA Region) | NA | NA | NA | |
| Method Blank Summary (Form IV VOA) | NA | NA | NA | |
| GC/MS Instrument Performance Check (Form V VOA) | NA | NA | NA | |
| Internal Standard Area and RT Summary (Form VIII VOA) | NA | NA | NA | |
| b. Sample Data | NA | NA | NA | |
| TCL Results - Organics Analysis Data Sheet (Form I VOA-1 and VOA-2) | | | NA | |
| Tentatively Identified Compounds (Form I VOA-TIC) | | | NA | |
| Reconstructed total ion chromatograms (RIC) for each sample | | | NA | |
| For each sample: | | | | |
| Raw Spectra and background-subtracted mass spectra of target compounds identified | | | NA | |
| Quantitation reports | | | NA | |
| Mass Spectra of all reported TICs with three best library matches | | | NA | |
| c. Standards Data (All Instruments) | NA | NA | | |
| Initial Calibration Data (Form VI VOA-1, VOA-2, VOA-3) | | | NA | |
| RICs and Quantitation Reports for all Standards | | | NA | |
| Continuing Calibration Data (Form VII VOA-1, VOA-2, VOA-3) | | | NA | |
| RICs and Quantitation Reports for all Standards | | | NA | |
| d. Raw/Quality Control (QC) Data | | | NA | |
| BFB | NA | NA | NA | |
| Blank Data | NA | NA | NA | |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

| CASE NO. 42616 | SDG NO. F5YB1 | SDG NOS. TO FOLLOW – |
|---|---|---|
| – | – | MOD. REF. NO. – |

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| Matrix Spike/Matrix Spike Duplicate Data (if requested by USEPA Region) | NA | NA | NA | NA |
| e. Trace SIM Data (Place at the end of the Trace Volatiles Section) | NA | NA | NA | ✓ |
| [Form I VOA-SIM; Form II VOA-SIM1 and VOA-SIM2; Form IV-VOA-SIM; Form VI VOA-SIM; Form VII VOA-SIM; Form VIII VOA-SIM; and all raw data for QC, Samples, and Standards.] | | | | |
| 5. **Low/Med Volatiles Data** | | | | |
| a. QC Summary | | | | |
| Deuterated Monitoring Compound Recovery (Form II VOA-1, VOA-2, VOA-3, VOA-4) | 11 | 12 | ✓ | ✓ |
| Matrix Spike/Matrix Spike Duplicate Recovery (Form III VOA-1 and VOA-2) (if requested by USEPA Region) | NA | NA | NA | NA |
| Method Blank Summary (Form IV VOA) | 13 | 16 | ✓ | ✓ |
| GC/MS Instrument Performance Check (Form V VOA) | 17 | 20 | ✓ | ✓ |
| Internal Standard Area and RT Summary (Form VIII VOA) | 21 | 24 | ✓ | ✓ |
| b. Sample Data | 25 | 239 | | |
| TCL Results - Organics Analysis Data Sheet (Form I VOA-1 and VOA-2) | | | ✓ | ✓ |
| Tentatively Identified Compounds (Form I VOA-TIC) | | | ✓ | ✓ |
| Reconstructed total ion chromatograms (RIC) for each sample | | | ✓ | ✓ |
| For each sample: | | | ✓ | |
| Raw Spectra and background-subtracted mass spectra of target compounds identified | | | | ✓ |
| Quantitation reports | | | ✓ | ✓ |
| Mass Spectra of all reported TICs with three best library matches | | | ✓ | ✓ |
| c. Standards Data (All Instruments) | 240 | 299 | | |
| Initial Calibration Data (Form VI VOA-1, VOA-2, VOA-3) | | | ✓ | ✓ |
| RICs and Quantitation Reports for all Standards | | | ✓ | ✓ |
| Continuing Calibration Data (Form VII VOA-1, VOA-2, VOA-3) | | | ✓ | ✓ |
| RICs and Quantitation Reports for all Standards | | | ✓ | ✓ |
| d. Raw/Quality Control (QC) Data | | | | |
| BFB | 300 | 311 | ✓ | ✓ |
| Blank Data | 312 | 363 | ✓ | ✓ |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

CASE NO. 42616 SDG NO. F5YB1 SDG NOS. TO FOLLOW –

– – MOD. REF. NO. –

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| Martix Spike/Matrix Spike Duplicate Data (if requested by USEPA Region) | NA | NA | NA | NA |
| 6. **Semivolatiles Data** | | | | |
| a. QC Summary | | | | |
| Deuterated Monitoring Compound Recovery (Form II SV-1, SV-2, SV-3, SV-4) | NA | NA | NA | |
| Matrix Spike/Matrix Spike Duplicate Recovery Summary (Form III SV-1 and SV-2) (if requested by USEPA Region) | NA | NA | NA | |
| Method Blank Summary (Form IV SV) | NA | NA | NA | |
| GC/MS Instrument Performance Check (Form V SV) | NA | NA | NA | |
| Internal Standard Area and RT Summary (Form VIII SV-1 and SV-2) | NA | NA | NA | |
| b. Sample Data | NA | NA | | |
| TCL Results - Organics Analysis Data Sheet (Form I SV-1 and SV-2) | | | NA | |
| Tentatively Identified Compounds (Form I SV-TIC) | | | NA | |
| Reconstructed total ion chromatograms (RICs) for each sample | | | NA | |
| For each sample: | NA | NA | | |
| Raw Spectra and background-subtracted mass spectra of target compounds | | | NA | |
| Quantitation reports | | | NA | |
| Mass Spectra of TICs with three best library matches | | | NA | |
| GPC chromatograms (if GPC is required) | | | NA | |
| c. Standards Data (All Instruments) | NA | NA | | |
| Initial Calibration Data (Form VI SV-1, SV-2, SV-3) | | | NA | |
| RICs and Quantitation Reports for all Standards | | | NA | |
| Continuing Calibration Data (Form VII SV-1, SV-2, SV-3) | | | NA | |
| RICs and Quantitation Reports for all Standards | | | NA | |
| d. Raw QC Data | | | | |
| DFTPP | NA | NA | NA | |
| Blank Data | NA | NA | NA | |
| MS/MSD Data (if requested by USEPA Region) | NA | NA | NA | |
| e. Raw GPC Data | NA | NA | NA | |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

| CASE NO. 42616 | SDG NO. F5YB1 | SDG NOS. TO FOLLOW – |
|---|---|---|
| – | – | MOD. REF. NO. – |

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| f. Semivolatile SIM Data | NA | NA | NA | NA |
| [Form I SV-SIM; Form II SV-SIM1 and SV-SIM2; Form III SV-SIM1 and SV-SIM2 (if required); Form IV SV-SIM; Form VI SV-SIM; Form VII SV-SIM; Form VIII SV-SIM1 and SV-SIM2; and all raw data for QC, Samples, and Standards.] | | | | |
| 7. **Pesticides Data** | | | | |
| a. QC Summary | | | | |
| Surrogate Recovery Summary (Form II PEST-1 and PEST-2) | NA | NA | NA | |
| Matrix Spike/Matrix Spike Duplicate Recovery Summary (Form III PEST-1 and PEST-2) | NA | NA | NA | |
| Laboratory Control Sample Recovery (Form III PEST-3 and PEST-4) | NA | NA | NA | |
| Method Blank Summary (Form IV PEST) | NA | NA | NA | |
| b. Sample Data | NA | NA | | |
| TCL Results - Organics Analysis Data Sheet (Form I PEST) | | | NA | |
| Chromatograms (Primary Column) | | | NA | |
| Chromatograms from second GC column confirmation | | | NA | |
| GC Integration report or data system printout | | | NA | |
| Manual work sheets | | | NA | |
| For pesticides by GC/MS | | | | |
| Copies of raw spectra and copies of background-subtracted mass spectra of target compounds (samples & standards) | | | NA | |
| c. Standards Data | NA | NA | | |
| Initial Calibration of Single Component Analytes (Form VI PEST-1 and PEST-2) | | | NA | |
| Toxaphene Initial Calibration (Form VI PEST-3 and PEST-4) | | | NA | |
| Analyte Resolution Summary (Form VI PEST-5, per column) | | | NA | |
| Performance Evaluation Mixture (Form VI PEST-6) | | | NA | |
| Individual Standard Mixture A (Form VI PEST-7) | | | NA | |
| Individual Standard Mixture B (Form VI PEST-8) | | | NA | |
| Individual Standard Mixture C (Form VI PEST-9 and PEST-10) | | | NA | |
| Calibration Verification Summary (Form VII PEST-1) | | | NA | |
| Calibration Verification Summary (Form VII PEST-2) | | | NA | |
| Calibration Verification Summary (Form VII PEST-3) | | | NA | |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

CASE NO. 42616 SDG NO. F5YB1 SDG NOS. TO FOLLOW -

- - MOD. REF. NO. -

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| Calibration Verification Summary (Form VII PEST-4) | | | NA | NA |
| Analytical Sequence (Form VIII PEST) | | | NA | |
| Florisil Cartridge Check (Form IX PEST-1) | | | NA | |
| Pesticide GPC Calibration (Form IX PEST-2) | | | NA | |
| Identification Summary for Single Component Analytes (Form X PEST-1) | | | NA | |
| Identification Summary for Toxaphene (Form X PEST-2) | | | NA | |
| Chromatograms and data system printouts A printout of Retention Times and corresponding peak areas or peak heights | | | NA | |
| d. Raw QC Data | | | | |
| Blank Data | NA | NA | NA | |
| Matrix Spike/Matrix Spike Duplicate Data | NA | NA | NA | |
| Laboratory Control Sample Data | NA | NA | NA | |
| e. Raw GPC Data | NA | NA | NA | |
| f. Raw Florisil Data | NA | NA | NA | |
| 8. **Aroclor Data** | | | | |
| a. QC Summary | | | | |
| Surrogate Recovery Summary (Form II ARO-1 and ARO-2) | NA | NA | NA | |
| Matrix Spike/Matrix Spike Duplicate Summary (Form III ARO-1 and ARO-2) | NA | NA | NA | |
| Laboratory Control Sample Recovery(Form III ARO-3 and ARO-4) | NA | NA | NA | |
| Method Blank Summary (Form IV ARO) | NA | NA | NA | |
| b. Sample Data | NA | NA | | |
| TCL Results - Organics Analysis Data Sheet (Form I ARO) | | | NA | |
| Chromatograms (Primary Column) | | | NA | |
| Chromatograms from second GC column confirmation | | | NA | |
| GC Integration report or data system printout | | | NA | |
| Manual work sheets | | | NA | |
| For Aroclors by GC/MS | | | | |
| Copies of raw spectra and copies of background-subtracted mass spectra of target compounds (samples & standards) | | | NA | |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

| | | | |
|---|---|---|---|
| CASE NO. 42616 | SDG NO. F5YB1 | SDG NOS. TO FOLLOW | – |
| – | – | MOD. REF. NO. | – |

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| c. Standards Data | NA | NA | | |
| Aroclors Initial Calibration (Form VI ARO-1, ARO-2, and ARO-3) | | | NA | NA |
| Calibration Verification Summary (Form VII ARO-1) | | | NA | |
| Analytical Sequence (Form VIII ARO) | | | NA | |
| Identification Summary for Multicomponent Analytes (Form X ARO) | | | NA | |
| Chromatograms and data system printouts A printout of Retention Times and corresponding peak areas or peak heights | | | NA | |
| d. Raw QC Data | | | | |
| Blank Data | NA | NA | NA | |
| Matrix Spike/Matrix Spike Duplicate Data | NA | NA | NA | |
| Laboratory Control Sample (LCS) Data | NA | NA | NA | |
| e. Raw GPC Data (if performed) | NA | NA | NA | ✓ |
| **9. Miscellaneous Data** | | | | |
| Original preparation and analysis forms or copies of preparation and analysis logbook pages | 364 | 368 | ✓ | ✓ |
| Internal sample and sample extract transfer chain-of-custody records | 369 | 373 | ✓ | ✓ |
| Screening records | NA | NA | NA | NA |
| All instrument output, including strip charts from screening activities (describe or list) | | | | |
| Primary, Intermediate and Working Standard Logbook Pages | 374 | 378 | ✓ | ✓ |
| | NA | NA | NA | — |
| **10. EPA Shipping/Receiving Documents** | | | | |
| Airbills (No. of shipments 2) | 379 | 380 | ✓ | ✓ |
| Chain of Custody Records | 381 | 387 | ✓ | ✓ |
| Sample Tags (in a plastic bag, if present) | 388 | 407 | ✓ | ✓ |
| Sample Log-in Sheet (Lab & DC-1) | 408 | 413 | ✓ | ✓ |
| Miscellaneous Shipping/Receiving Records (describe or list) | | | | |
| PE Instructions | NA | NA | NA | NA |
| | NA | NA | NA | — |

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET
FORM DC-2 (CON'T)

| | | | |
|---|---|---|---|
| CASE NO. 42616 | SDG NO. F5YB1 | SDG NOS. TO FOLLOW | -- |
| -- | -- | MOD. REF. NO. | -- |

| | PAGE NOs FROM | PAGE NOs TO | CHECK LAB | CHECK USEPA |
|---|---|---|---|---|
| 11. **Internal Lab Sample Transfer Records and Tracking Sheets** (describe or list) | | | | |
| | NA | NA | NA | NA |
| | NA | NA | NA | |
| 12. **Other Records** (describe or list) | | | | |
| Telephone Communication Log | NA | NA | NA | |
| E-mail(s) | NA | NA | NA | |
| | NA | NA | NA | |

13. **Comments**

| | | | |
|---|---|---|---|
| Completed by: (CLP Lab) | (Signature) | John J. Heymon / PM (Printed Name/Title) | 10 JUL 12 (Date) |
| Verified by: (CLP Lab) | (Signature) | MARK GUPNASSN / PM (Printed Name/Title) | 7-10-12 (Date) |
| Audited by: (~~USEPA~~) ESAT | (Signature) | J. WALLACE DOONG DATA REVIEWER (Printed Name/Title) | 8/2/12 (Date) |

## SDG Narrative

Spectrum Analytical, Inc. FL Division submits the enclosed data package in response to USEPA Case # 42616 and SDG # F5YB1. Analyses were performed for 20 aqueous samples that were received on 6/21/2012 and 6/22/2012 with temperature 3.0C and 2.0C. The analyses were performed under USEPA Contract # EP-W-11-034.

The following samples are submitted in this data package:

| Client ID | Lab ID | TV | TVS | VL | VM | SL | SM | SS | P | A | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F5YA7 | 350638611 | | | **X** | | | | | | | **2** |
| F5YB1 | 350638601 | | | **X** | | | | | | | **2** |
| F5YB2 | 350638602 | | | **X** | | | | | | | **2** |
| F5YB3 | 350638612 | | | **X** | | | | | | | **2** |
| F5YB4 | 350638603 | | | **X** | | | | | | | **2** |
| F5YB5 | 350638613 | | | **X** | | | | | | | **2** |
| F5YB6 | 350638614 | | | **X** | | | | | | | **2** |
| F5YB7 | 350638615 | | | **X** | | | | | | | **2** |
| F5YC4 | 350638604 | | | **X** | | | | | | | **2** |
| F5YC5 | 350638616 | | | **X** | | | | | | | **2** |
| F5YC6 | 350638617 | | | **X** | | | | | | | **2** |
| F5YC7 | 350638618 | | | **X** | | | | | | | **2** |
| F5YC8 | 350638619 | | | **X** | | | | | | | **2** |
| F5YD0 | 350638605 | | | **X** | | | | | | | **2** |
| F5YD1 | 350638606 | | | **X** | | | | | | | **2** |
| F5YD4 | 350638607 | | | **X** | | | | | | | **2** |
| F5YD5 | 350638620 | | | **X** | | | | | | | **2** |
| F5YE1 | 350638608 | | | **X** | | | | | | | **2** |
| F5YE2 | 350638609 | | | **X** | | | | | | | **2** |
| F5YE6 | 350638610 | | | **X** | | | | | | | **2** |

**Method Definitions:**

| | | | | | |
|---|---|---|---|---|---|
| **TV** | = | Trace Volatile | **SL** | = | Semivolatiles Low |
| **TVS** | = | Trace Volatile SIM | **SM** | = | Semivolatiles Medium |
| **VL** | = | Volatiles Low | **SS** | = | Semivolatile SIM |
| **VM** | = | Volatiles Medium | **P** | = | Pesticides |
| **A** | = | Aroclors | **pH** | = | pH Volatiles |

The analyses were performed using USEPA CLP Multi-Media, Multi-Concentration (SOM01.2) protocols. The analyses were performed with strict adherence to the SOW with the following exceptions and observations:

**Low/Med Volatile Analysis:**

GC column used: 20 x 0.18 ID (1.0 um film thickness) DB-624 capillary column.

The following equation was used to calculate the concentration of target analytes for aqueous samples:

$$\text{Concentration } (\mu g/L) = \frac{(Amt)(DF)(UF)(5)}{V_0}$$

Where:

| | |
|---|---|
| $Amt$ | = on-column amount on raw data |
| $DF$ | = Dilution factor |
| $UF$ | = ng unit correction factor |
| $V_0$ | = Sample volume purged (mL) |

The following equation was used to calculate the Amt in the previous equation:

$$\text{Amt} = \frac{(A_x)(IS)}{(A_{is})(RRF)}$$

Where:

| | |
|---|---|
| $A_x$ | = area of the characteristic ion for the compound to be measured |
| $A_{is}$ | = area of the characteristic ion for the associated internal standard |
| $IS$ | = concentration of internal standard in µg/L |
| $RRF$ | = relative response factor |

Calibration acceptance criteria were met.

Blank VBLK6N was analyzed with the water samples on 06/28/12.
The following blank analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 0.98 ug/L, 1,2,4-Trichlorobenzene at 0.70 ug/L, Acetone at 4.79 ug/L, Methylene chloride at 1.37 ug/L.

Blank VBLK6O was analyzed with the water samples on 06/28/12.
The following blank analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 1.13 ug/L, 1,2,4-Trichlorobenzene at 0.89 ug/L, Methylene chloride at 1.15 ug/L.

Blank VBLK6P was analyzed with the water samples on 06/29/12.
The following blank analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 1.32 ug/L, 1,2,4-Trichlorobenzene at 0.69 ug/L, Acetone at 3.63 ug/L, Methylene chloride at 0.91 ug/L.

Blank VBLK6Q was analyzed with the water samples on 06/29/12.
The following blank analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 1.31 ug/L, 1,2,4-Trichlorobenzene at 0.77 ug/L, Methylene chloride at 0.82 ug/L.

Blanks coded accordingly.

Sample F5YB2 was recovered above criteria for the following DMC(s): 1,1-Dichloroethene-d2 at 114.33 % with criteria of (55-104).

Sample F5YC7 was recovered above criteria for the following DMC(s): 1,1-Dichloroethene-d2 at 158.20 % with criteria of (55-104).

Sample F5YC8 was recovered above criteria for the following DMC(s): 1,1-Dichloroethene-d2 at 110.02 % with criteria of (55-104).

Samples coded accordingly.

No spikes requested by client.

All Internal Standard acceptance criteria were met.

Sample analysis proceeded normally.

Sample F5YC7 required a 4X dilution due to high concentration of the following analyte(s): cis-1,2-Dichloroethene. Both full and diluted runs are reported.

It should be noted that a peak was detected at 8.1 minutes. This is the cis-isomer of trans-1,3-Dichloropropene-d4, which is an impurity of the manufacturing of the DMC.

All of the submittals to the region are originals other than logbook pages. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. Tunes, calibration verifications and initial calibrations that are shared among several cases are photocopies indicating the location of the originals.

I certify that this Sample Data Package is in compliance with the terms and condition of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Sample Data Package and in the electronic data deliverable has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Brian C Spann
Laboratory Director
10JUL12

*Contract Laboratory Program*

# Sample Delivery Group (SDG) Cover Sheet

| | | | | | |
|---|---|---|---|---|---|
| SDG Number | F5YB1 | Case Number | 42616 | Contract Number | EP-W-11-034 |
| Lab Code | PEL | SDG Turnaround | 21 days | Delivery CLIN(s) | 0009 |

| | | | |
|---|---|---|---|
| First Sample Received in SDG | F5YB1 | Last Sample Received in SDG | F5YD5 |
| First sample Receipt Date | 6/21/2012 | Last sample Receipt Date | 6/22/2012 |

EPA Sample Numbers in SDG (Listed in Numerical Order)

| CLP Sample ID | Sample Type | Requested Analytical CLIN(s)/SubCLIN(s) | Solicitation Number | MA Number(s) |
|---|---|---|---|---|
| 01 F5YA7 | SAMPLE | 0001C | NA | NA |
| 02 F5YB1 | SAMPLE | 0001C | NA | NA |
| 03 F5YB2 | SAMPLE | 0001C | NA | NA |
| 04 F5YB3 | SAMPLE | 0001C | NA | NA |
| 05 F5YB4 | SAMPLE | 0001C | NA | NA |
| 06 F5YB5 | SAMPLE | 0001C | NA | NA |
| 07 F5YB6 | SAMPLE | 0001C | NA | NA |
| 08 F5YB7 | SAMPLE | 0001C | NA | NA |
| 09 F5YC4 | SAMPLE | 0001C | NA | NA |
| 10 F5YC5 | SAMPLE | 0001C | NA | NA |
| 11 F5YC6 | SAMPLE | 0001C | NA | NA |
| 12 F5YC7 | SAMPLE | 0001C | NA | NA |
| 13 F5YC8 | SAMPLE | 0001C | NA | NA |
| 14 F5YD0 | SAMPLE | 0001C | NA | NA |
| 15 F5YD1 | SAMPLE | 0001C | NA | NA |
| 16 F5YD4 | SAMPLE | 0001C | NA | NA |
| 17 F5YD5 | SAMPLE | 0001C | NA | NA |
| 18 F5YE1 | SAMPLE | 0001C | NA | NA |
| 19 F5YE2 | SAMPLE | 0001C | NA | NA |
| 20 F5YE6 | SAMPLE | 0001C | NA | NA |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |

26JUN12

**Note:** *There are a maximum of 20 field samples (excluding Performance Evaluation (PE) samples) in an SDG. Attach the TRICOC Records to this form in alphanumeric order (the order listed above on this form).*

Signature _____ Date 26JUN12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F5YB1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YB0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471266 (HCL pH<2 Ice to 4C), 6-471267 (HCL pH<2 Ice to 4C), 6-471268 (HCL pH<2 Ice to 4C) (3) | WMW-24A | 06/19/2012 16:31 | | |
| F5YB1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471270 (HCL pH<2 Ice to 4C), 6-471271 (HCL pH<2 Ice to 4C), 6-471272 (HCL pH<2 Ice to 4C) (3) | WMW-27A | 06/19/2012 17:38 | -01 Good | |
| F5YB2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471274 (HCL pH<2 Ice to 4C), 6-471275 (HCL pH<2 Ice to 4C), 6-471276 (HCL pH<2 Ice to 4C) (3) | WMW-34A | 06/20/2012 08:59 | -02 Good | |
| F5YB4 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471278 (HCL pH<2 Ice to 4C), 6-471279 (HCL pH<2 Ice to 4C), 6-471280 (HCL pH<2 Ice to 4C) (3) | WMW-33A | 06/20/2012 10:17 | -03 Good | |

Special Instructions:
Temp 3.0

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/21/12 | 09:35 | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Copy: Original w/ F5YA0

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F54B1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YC4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-499640 (HCL pH<2 Ice to 4C), 6-499641 (HCL pH<2 Ice to 4C), 6-499642 (HCL pH<2 Ice to 4C) (3) | WMW-13A | 06/19/2012 10:20 | -04 Good | |
| F5YD0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-445495 (HCL pH<2 Ice to 4C), 6-445499 (HCL pH<2 Ice to 4C), 6-445500 (HCL pH<2 Ice to 4C) (3) | ER-12 | 06/19/2012 09:35 | -05 Good | |
| F5YD1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-446421 (HCL pH<2 Ice to 4C), 6-446600 (HCL pH<2 Ice to 4C), 6-449167 (HCL pH<2 Ice to 4C) (3) | ER-13 | 06/20/2012 09:17 | -06 Good | |
| F5YD4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471192 (HCL pH<2 Ice to 4C), 6-471193 (HCL pH<2 Ice to 4C), 6-471194 (HCL pH<2 Ice to 4C) (3) | ER-16 | 06/19/2012 16:30 | -07 Good | |

Special Instructions:
Temp. 3.0

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/21/12 | 09:35 | | | | | | |

6/26/2012

6/26/2012

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F54B1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YE1 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460253 (HCL pH<2 Ice to 4C), 6-460254 (HCL pH<2 Ice to 4C), 6-460255 (HCL pH<2 Ice to 4C) (3) | FB-2 | 06/19/2012 10:45 | -08 Good | |
| F5YE2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460256 (HCL pH<2 Ice to 4C), 6-460257 (HCL pH<2 Ice to 4C), 6-460258 (HCL pH<2 Ice to 4C) (3) | FB-3 | 06/20/2012 09:13 | -09 Good | |
| F5YE6 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460268 (HCL pH<2 Ice to 4C), 6-460269 (HCL pH<2 Ice to 4C), 6-460270 (HCL pH<2 Ice to 4C) (3) | TB- 2 | 06/19/2012 12:54 | -10 Good | |

26 JUN 12

Special Instructions:
Temp. 3.0

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/21/12 | 09:35 | | | | | | |

26 JUN 12

7

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YA7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-489417 (HCL pH<2 Ice to 4C), 6-495357 (HCL pH<2 Ice to 4C), 6-499743 (HCL pH<2 Ice to 4C) (3) | WMW-26A | 06/20/2012 13:44 | -11 Good | |
| F5YB3 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474104 (HCL pH<2 Ice to 4C), 6-474105 (HCL pH<2 Ice to 4C), 6-474106 (HCL pH<2 Ice to 4C) (3) | SMW-39 | 06/20/2012 17:11 | -12 Good | |
| F5YB5 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471282 (HCL pH<2 Ice to 4C), 6-471283 (HCL pH<2 Ice to 4C), 6-471284 (HCL pH<2 Ice to 4C) (3) | WMW-32A | 06/20/2012 11:28 | -13 Good | |
| F5YB6 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471287 (HCL pH<2 Ice to 4C), 6-471288 (HCL pH<2 Ice to 4C), 6-471289 (HCL pH<2 Ice to 4C) (3) | WMW-31A | 06/20/2012 14:54 | -14 Good | |

Special Instructions:
Temp. 2.0

Shipment for Case Complete? ~~N~~ Y JC

Samples Transferred From Chain of Custody #

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1800 | | | | | | |
| | Javier Manzano | 6/20/12 | [signature] | 6/20/12 | 1800 | | | | | | |
| | [signature] | 6/21/12 | [signature] | 6/22/12 | 10:00 | | | | | | |

JS 26JUN12

JS 26JUN12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MC
F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YB7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471291 (HCL pH<2 Ice to 4C), 6-471292 (HCL pH<2 Ice to 4C), 6-471293 (HCL pH<2 Ice to 4C) (3) | WMW-29A | 06/20/2012 15:57 | -15 Good | |
| F5YC5 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311157 (HCL pH<2 Ice to 4C), 6-311158 (HCL pH<2 Ice to 4C), 6-499650 (HCL pH<2 Ice to 4C) (3) | SMW-26 | 06/20/2012 11:50 | -16 Good | |
| F5YC6 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311160 (HCL pH<2 Ice to 4C), 6-311161 (HCL pH<2 Ice to 4C), 6-311162 (HCL pH<2 Ice to 4C) (3) | SMW-26A | 06/20/2012 14:00 | -17 Good | |
| F5YC7 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311178 (HCL pH<2 Ice to 4C), 6-312949 (HCL pH<2 Ice to 4C), 6-351199 (HCL pH<2 Ice to 4C) (3) | SMW-37 | 06/20/2012 15:15 | -18 Good | |

JL

**Shipment for Case Complete?** ~~N~~ Y

**Samples Transferred From Chain of Custody #**

Special Instructions:

Temp 2.0

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/21/12 | [illegible] | 6/22/12 | 10:00 | | | | | | |

JJ 26JUN12

JJ 26JUN12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386 MC

F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YC8 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474100 (HCL pH<2 Ice to 4C), 6-474101 (HCL pH<2 Ice to 4C), 6-474102 (HCL pH<2 Ice to 4C) (3) | SMW-38 | 06/20/2012 17:25 | -19 Good | |
| F5YD5 ↓ SDG Final Sample | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471196 (HCL pH<2 Ice to 4C), 6-471197 (HCL pH<2 Ice to 4C), 6-471198 (HCL pH<2 Ice to 4C) (3) | ER-17 | 06/20/2012 16:35 | -20 Good | |
| F5YE7 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460271 (HCL pH<2 Ice to 4C), 6-460272 (HCL pH<2 Ice to 4C), 6-460273 (HCL pH<2 Ice to 4C) (3) | TB- 3 | 06/20/2012 14:11 | | |

JL

Special Instructions:

Temp. 2.0

**Shipment for Case Complete?** ~~N~~ Y

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/21/12 | | 6/22/12 | 10:00 | | | | | | |

2A - FORM II VOA-1

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Level:(TRACE/LOW/MED) LOW

| | EPA SAMPLE NO. | VDMC1 (VCL) # | VDMC2 (CLA) # | VDMC3 (DCE) # | VDMC4 (BUT) # | VDMC5 (CLF) # | VDMC6 (DCA) # | VDMC7 (BEN) # |
|---|---|---|---|---|---|---|---|---|
| 01 | VBLK6N | 93 | 92 | 103 | 120 | 83 | 90 | 90 |
| 02 | F5YB1 | 95 | 94 | 64 | 104 | 88 | 99 | 91 |
| 03 | F5YB4 | 103 | 99 | 83 | 137 | 96 | 108 | 102 |
| 04 | F5YC4 | 107 | 105 | 74 | 126 | 96 | 108 | 104 |
| 05 | F5YD0 | 101 | 102 | 70 | 87 | 97 | 106 | 103 |
| 06 | F5YD1 | 103 | 104 | 70 | 77 | 97 | 104 | 102 |
| 07 | F5YD4 | 100 | 100 | 69 | 79 | 97 | 105 | 103 |
| 08 | F5YE1 | 103 | 101 | 72 | 88 | 97 | 102 | 103 |
| 09 | F5YE2 | 100 | 102 | 69 | 91 | 98 | 104 | 102 |
| 10 | VBLK6O | 102 | 103 | 74 | 113 | 96 | 105 | 105 |
| 11 | F5YA7 | 101 | 101 | 70 | 96 | 96 | 105 | 102 |
| 12 | F5YB3 | 101 | 99 | 76 | 100 | 98 | 105 | 104 |
| 13 | F5YB5 | 100 | 100 | 73 | 90 | 97 | 105 | 104 |
| 14 | F5YB6 | 97 | 99 | 71 | 78 | 98 | 105 | 105 |
| 15 | F5YB7 | 98 | 98 | 71 | 83 | 97 | 104 | 102 |
| 16 | F5YC5 | 100 | 102 | 71 | 81 | 97 | 103 | 104 |
| 17 | F5YC6 | 98 | 99 | 69 | 82 | 98 | 104 | 102 |
| 18 | F5YC7DL | 93 | 94 | 81 | 85 | 89 | 97 | 95 |
| 19 | F5YC8 | 101 | 99 | 110 * | 87 | 97 | 104 | 103 |
| 20 | F5YD5 | 101 | 102 | 72 | 82 | 97 | 104 | 104 |
| 21 | F5YE6 | 102 | 102 | 72 | 76 | 96 | 104 | 103 |
| 22 | F5YB2 | 87 | 88 | 114 * | 80 | 87 | 94 | 93 |
| 23 | VBLK6P | 81 | 84 | 95 | 99 | 85 | 88 | 90 |
| 24 | VBLK6Q | 83 | 85 | 64 | 153 | 96 | 105 | 102 |
| 25 | F5YC7 | 74 | 81 | 158 * | 101 | 93 | 100 | 103 |
| 26 | VHBLK6N | 74 | 82 | 64 | 98 | 94 | 99 | 101 |

| | | | | QC LIMITS |
|---|---|---|---|---|
| VDMC1 | (VCL) | = | Vinyl chloride-d3 | (65 - 131) |
| VDMC2 | (CLA) | = | Chloroethane-d5 | (71 - 131) |
| VDMC3 | (DCE) | = | 1,1-Dichloroethene-d2 | (55 - 104) |
| VDMC4 | (BUT) | = | 2-Butanone-d5 | (49 - 155) |
| VDMC5 | (CLF) | = | Chloroform-d | (78 - 121) |
| VDMC6 | (DCA) | = | 1,2-Dichloroethane-d4 | (78 - 129) |
| VDMC7 | (BEN) | = | Benzene-d6 | (77 - 124) |

# Column to be used to flag recovery values

* Values outside of contract required QC limits

2B - FORM II VOA-2

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Level:(TRACE/LOW/MED) LOW

| | EPA SAMPLE NO. | VDMC8 (DPA) # | VDMC9 (TOL) # | VDMC10 (TDP) # | VDMC11 (HEX) # | VDMC12 (DXE) # | VDMC13 (TCA) # | VDMC14 (DCZ) # | TOT OUT |
|---|---|---|---|---|---|---|---|---|---|
| 01 | VBLK6N | 90 | 92 | 86 | 80 | 126 | 86 | 89 | 0 |
| 02 | F5YB1 | 90 | 92 | 87 | 80 | 116 | 90 | 91 | 0 |
| 03 | F5YB4 | 102 | 103 | 103 | 103 | 146 | 104 | 105 | 0 |
| 04 | F5YC4 | 102 | 106 | 102 | 106 | 145 | 107 | 105 | 0 |
| 05 | F5YD0 | 102 | 105 | 96 | 91 | 132 | 99 | 104 | 0 |
| 06 | F5YD1 | 102 | 104 | 93 | 88 | 127 | 97 | 104 | 0 |
| 07 | F5YD4 | 103 | 105 | 94 | 83 | 120 | 95 | 102 | 0 |
| 08 | F5YE1 | 103 | 105 | 90 | 88 | 137 | 96 | 104 | 0 |
| 09 | F5YE2 | 105 | 104 | 93 | 87 | 125 | 94 | 104 | 0 |
| 10 | VBLK6O | 103 | 108 | 104 | 96 | 131 | 99 | 104 | 0 |
| 11 | F5YA7 | 102 | 103 | 103 | 96 | 126 | 101 | 102 | 0 |
| 12 | F5YB3 | 104 | 105 | 103 | 89 | 115 | 99 | 105 | 0 |
| 13 | F5YB5 | 104 | 105 | 105 | 92 | 116 | 100 | 105 | 0 |
| 14 | F5YB6 | 107 | 107 | 104 | 82 | 118 | 96 | 106 | 0 |
| 15 | F5YB7 | 104 | 105 | 103 | 83 | 118 | 95 | 102 | 0 |
| 16 | F5YC5 | 103 | 106 | 102 | 91 | 119 | 100 | 108 | 0 |
| 17 | F5YC6 | 106 | 105 | 104 | 89 | 117 | 97 | 104 | 0 |
| 18 | F5YC7DL | 96 | 98 | 96 | 86 | 129 | 93 | 95 | 0 |
| 19 | F5YC8 | 104 | 107 | 106 | 96 | 134 | 103 | 106 | 1 |
| 20 | F5YD5 | 105 | 107 | 106 | 88 | 129 | 99 | 105 | 0 |
| 21 | F5YE6 | 102 | 106 | 92 | 86 | 131 | 99 | 105 | 0 |
| 22 | F5YB2 | 93 | 94 | 90 | 76 | 98 | 85 | 93 | 1 |
| 23 | VBLK6P | 90 | 92 | 90 | 76 | 120 | 83 | 91 | 0 |
| 24 | VBLK6Q | 104 | 103 | 115 | 118 | 141 | 112 | 106 | 0 |
| 25 | F5YC7 | 104 | 104 | 101 | 94 | 122 | 97 | 102 | 1 |
| 26 | VHBLK6N | 103 | 102 | 103 | 96 | 141 | 94 | 102 | 0 |

| | | | | QC LIMITS |
|---|---|---|---|---|
| VDMC8 | (DPA) | = | 1,2-Dichloropropane-d6 | (79 - 124) |
| VDMC9 | (TOL) | = | Toluene-d8 | (77 - 121) |
| VDMC10 | (TDP) | = | trans-1,3-Dichloropropene-d4 | (73 - 121) |
| VDMC11 | (HEX) | = | 2-Hexanone-d5 | (28 - 135) |
| VDMC12 | (DXE) | = | 1,4-Dioxane-d8 | (50 - 150) |
| VDMC13 | (TCA) | = | 1,1,2,2-Tetrachloroethane-d2 | (73 - 125) |
| VDMC14 | (DCZ) | = | 1,2-Dichlorobenzene-d4 | (80 - 131) |

# Column to be used to flag recovery values

* Values outside of contract required QC limits

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Lab File ID: M6A0847.D
Lab Sample ID VBLK6N
Instrument ID: VMS06
Matrix: (SOIL/SED/WATER) WATER
Date Analyzed: 06/28/2012
Level:(TRACE or LOW/MED) LOW
Time Analyzed: 13:43
GC Column: DB-624 ID: 0.18 (mm)
Heat Purge: (Y/N) N

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | F5YB1 | 350638601 | M6A0848.D | 14:09 |
| 02 | F5YB4 | 350638603 | M6A0856.D | 17:36 |
| 03 | F5YC4 | 350638604 | M6A0857.D | 18:02 |
| 04 | F5YD0 | 350638605 | M6A0858.D | 18:27 |
| 05 | F5YD1 | 350638606 | M6A0859.D | 18:52 |
| 06 | F5YD4 | 350638607 | M6A0860.D | 19:18 |
| 07 | F5YE1 | 350638608 | M6A0861.D | 19:43 |
| 08 | F5YE2 | 350638609 | M6A0862.D | 20:08 |
| 09 | F5YA7 | 350638611 | M6A0871.D | 23:31 |
| 10 | F5YB3 | 350638612 | M6A0872.D | 23:56 |
| 11 | F5YB5 | 350638613 | M6A0873.D | 00:22 |
| 12 | F5YB6 | 350638614 | M6A0874.D | 00:47 |
| 13 | F5YB7 | 350638615 | M6A0875.D | 01:12 |
| 14 | F5YC5 | 350638616 | M6A0876.D | 01:38 |
| 15 | F5YC6 | 350638617 | M6A0877.D | 02:03 |
| 16 | F5YC7DL | 350638618 | M6A0878.D | 02:28 |
| 17 | F5YC8 | 350638619 | M6A0879.D | 02:54 |
| 18 | F5YD5 | 350638620 | M6A0880.D | 03:19 |
| 19 | F5YE6 | 350638610 | M6A0881.D | 03:44 |
| 20 | F5YB2 | 350638602 | M6A0882.D | 04:10 |

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK6O

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Lab File ID: M6A0869.D
Lab Sample ID VBLK6O
Instrument ID: VMS06
Matrix: (SOIL/SED/WATER) WATER
Date Analyzed: 06/28/2012
Level:(TRACE or LOW/MED) LOW
Time Analyzed: 22:40
GC Column: DB-624 ID: 0.18 (mm)
Heat Purge: (Y/N) N

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | F5YB1 | 350638601 | M6A0848.D | 14:09 |
| 02 | F5YB4 | 350638603 | M6A0856.D | 17:36 |
| 03 | F5YC4 | 350638604 | M6A0857.D | 18:02 |
| 04 | F5YD0 | 350638605 | M6A0858.D | 18:27 |
| 05 | F5YD1 | 350638606 | M6A0859.D | 18:52 |
| 06 | F5YD4 | 350638607 | M6A0860.D | 19:18 |
| 07 | F5YE1 | 350638608 | M6A0861.D | 19:43 |
| 08 | F5YE2 | 350638609 | M6A0862.D | 20:08 |
| 09 | F5YA7 | 350638611 | M6A0871.D | 23:31 |
| 10 | F5YB3 | 350638612 | M6A0872.D | 23:56 |
| 11 | F5YB5 | 350638613 | M6A0873.D | 00:22 |
| 12 | F5YB6 | 350638614 | M6A0874.D | 00:47 |
| 13 | F5YB7 | 350638615 | M6A0875.D | 01:12 |
| 14 | F5YC5 | 350638616 | M6A0876.D | 01:38 |
| 15 | F5YC6 | 350638617 | M6A0877.D | 02:03 |
| 16 | F5YC7DL | 350638618 | M6A0878.D | 02:28 |
| 17 | F5YC8 | 350638619 | M6A0879.D | 02:54 |
| 18 | F5YD5 | 350638620 | M6A0880.D | 03:19 |
| 19 | F5YE6 | 350638610 | M6A0881.D | 03:44 |
| 20 | F5YB2 | 350638602 | M6A0882.D | 04:10 |

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK6P

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Lab File ID: M6A0891.D
Lab Sample ID VBLK6P
Instrument ID: VMS06
Matrix: (SOIL/SED/WATER) WATER
Date Analyzed: 06/29/2012
Level:(TRACE or LOW/MED) LOW
Time Analyzed: 10:21
GC Column: DB-624 ID: 0.18 (mm)
Heat Purge: (Y/N) N

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | F5YC7 | 350638618 | M6A0924.D | 00:38 |
| 02 | VHBLK6N | VHBLK6N | M6A0926.D | 01:28 |

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK6Q

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1
Lab File ID: M6A0910.D Lab Sample ID VBLK6Q
Instrument ID: VMS06
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 06/29/2012
Level:(TRACE or LOW/MED) LOW Time Analyzed: 18:39
GC Column: DB-624 ID: 0.18 (mm) Heat Purge: (Y/N) N

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | F5YC7 | 350638618 | M6A0924.D | 00:38 |
| 02 | VHBLK6N | VHBLK6N | M6A0926.D | 01:28 |

COMMENTS:

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFB6L

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Lab File ID: M6A0794.D BFB Injection Date: 06/27/2012

Instrument ID: VMS06 BFB Injection Time: 5:41

GC Column: DB-624 ID: 0.18 (mm)

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 25.3 |
| 75 | 30.0 - 80.0% of mass 95 | 57.8 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 |
| 173 | Less than 2.0% of mass 174 | 0.0 (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 75.2 |
| 175 | 5.0 - 9.0% of mass 174 | 5.2 (6.91) 1 |
| 176 | Greater than 95.0%, but less than 101.0% of mass | 74.4 (98.94) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 (7.26) 2 |

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

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0056M | VSTD0056M | M6A0795.D | 06/27/2012 | 06:22 |
| 02 | VSTD0106M | VSTD0106M | M6A0796.D | 06/27/2012 | 06:47 |
| 03 | VSTD0506M | VSTD0506M | M6A0797.D | 06/27/2012 | 07:13 |
| 04 | VSTD1006M | VSTD1006M | M6A0798.D | 06/27/2012 | 07:38 |
| 05 | VSTD2056M | VSTD2056M | M6A0799.D | 06/27/2012 | 08:03 |
| 06 | VSTD0506N | VSTD0506N | M6A0818.D | 06/27/2012 | 17:28 |

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFB6M

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Lab File ID: M6A0842.D BFB Injection Date: 06/28/2012

Instrument ID: VMS06 BFB Injection Time: 11:27

GC Column: DB-624 ID: 0.18 (mm)

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 24.6 |
| 75 | 30.0 - 80.0% of mass 95 | 57.5 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 |
| 173 | Less than 2.0% of mass 174 | 0.3 (0.37) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 81.9 |
| 175 | 5.0 - 9.0% of mass 174 | 6.3 (7.69) 1 |
| 176 | Greater than 95.0%, but less than 101.0% of mass | 78.3 (95.6) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 (6.77) 2 |

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

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0506P | VSTD0506P | M6A0843.D | 06/28/2012 | 12:02 |
| 02 | VBLK6N | VBLK6N | M6A0847.D | 06/28/2012 | 13:43 |
| 03 | F5YB1 | 350638601 | M6A0848.D | 06/28/2012 | 14:09 |
| 04 | F5YB4 | 350638603 | M6A0856.D | 06/28/2012 | 17:36 |
| 05 | F5YC4 | 350638604 | M6A0857.D | 06/28/2012 | 18:02 |
| 06 | F5YD0 | 350638605 | M6A0858.D | 06/28/2012 | 18:27 |
| 07 | F5YD1 | 350638606 | M6A0859.D | 06/28/2012 | 18:52 |
| 08 | F5YD4 | 350638607 | M6A0860.D | 06/28/2012 | 19:18 |
| 09 | F5YE1 | 350638608 | M6A0861.D | 06/28/2012 | 19:43 |
| 10 | F5YE2 | 350638609 | M6A0862.D | 06/28/2012 | 20:08 |
| 11 | VSTD0506Q | VSTD0506Q | M6A0867.D | 06/28/2012 | 21:50 |
| 12 | VBLK6O | VBLK6O | M6A0869.D | 06/28/2012 | 22:40 |
| 13 | F5YA7 | 350638611 | M6A0871.D | 06/28/2012 | 23:31 |
| 14 | F5YB3 | 350638612 | M6A0872.D | 06/28/2012 | 23:56 |
| 15 | F5YB5 | 350638613 | M6A0873.D | 06/29/2012 | 00:22 |
| 16 | F5YB6 | 350638614 | M6A0874.D | 06/29/2012 | 00:47 |
| 17 | F5YB7 | 350638615 | M6A0875.D | 06/29/2012 | 01:12 |
| 18 | F5YC5 | 350638616 | M6A0876.D | 06/29/2012 | 01:38 |
| 19 | F5YC6 | 350638617 | M6A0877.D | 06/29/2012 | 02:03 |
| 20 | F5YC7DL | 350638618 | M6A0878.D | 06/29/2012 | 02:28 |
| 21 | F5YC8 | 350638619 | M6A0879.D | 06/29/2012 | 02:54 |

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFB6M

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Lab File ID: M6A0842.D BFB Injection Date: 06/28/2012

Instrument ID: VMS06 BFB Injection Time: 11:27

GC Column: DB-624 ID: 0.18 (mm)

| | | | | | |
|---|---|---|---|---|---|
| 22 | F5YD5 | 350638620 | M6A0880.D | 06/29/2012 | 03:19 |
| 23 | F5YE6 | 350638610 | M6A0881.D | 06/29/2012 | 03:44 |
| 24 | F5YB2 | 350638602 | M6A0882.D | 06/29/2012 | 04:10 |
| 25 | VSTD0506R | VSTD0506R | M6A0886.D | 06/29/2012 | 05:51 |

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFB6N

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Lab File ID: M6A0887.D BFB Injection Date: 06/29/2012

Instrument ID: VMS06 BFB Injection Time: 6:37

GC Column: DB-624 ID: 0.18 (mm)

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 26.6 |
| 75 | 30.0 - 80.0% of mass 95 | 62.5 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 |
| 173 | Less than 2.0% of mass 174 | 0.1 (0.13) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 77.7 |
| 175 | 5.0 - 9.0% of mass 174 | 6.2 (7.98) 1 |
| 176 | Greater than 95.0%, but less than 101.0% of mass | 77.2 (99.36) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.2 (6.74) 2 |

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

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0506S | VSTD0506S | M6A0889.D | 06/29/2012 | 09:16 |
| 02 | VBLK6P | VBLK6P | M6A0891.D | 06/29/2012 | 10:21 |
| 03 | VSTD0506T | VSTD0506T | M6A0908.D | 06/29/2012 | 17:47 |
| 04 | VBLK6Q | VBLK6Q | M6A0910.D | 06/29/2012 | 18:39 |
| 05 | F5YC7 | 350638618 | M6A0924.D | 06/30/2012 | 00:38 |
| 06 | VHBLK6N | VHBLK6N | M6A0926.D | 06/30/2012 | 01:28 |
| 07 | VSTD0506U | VSTD0506U | M6A0930.D | 06/30/2012 | 03:10 |

8A- FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

GC Column: DB-624 ID: 0.18 (mm) Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506P Date Analyzed: 06/28/2012

Lab File ID (Standard): M6A0843.D Time Analyzed: 12:02

Instrument ID VMS06 Heated Purge: (Y/N) N

| | | IS1 (CBZ) AREA # | RT # | IS2 (DFB) AREA # | RT # | IS3 (DCB) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2633042 | 9.980 | 3061430 | 6.900 | 1177204 | 12.320 |
| | UPPER LIMIT | 5266084 | 10.480 | 6122860 | 7.400 | 2354408 | 12.820 |
| | LOWER LIMIT | 1316521 | 9.480 | 1530715 | 6.400 | 588602 | 11.820 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | VBLK6N | 2628331 | 9.980 | 3106948 | 6.900 | 1055107 | 12.320 |
| 02 | F5YB1 | 2610277 | 9.980 | 2978542 | 6.900 | 1063209 | 12.320 |
| 03 | F5YB4 | 2525973 | 9.980 | 2932872 | 6.900 | 1030207 | 12.320 |
| 04 | F5YC4 | 2381472 | 9.980 | 2805277 | 6.900 | 970627 | 12.320 |
| 05 | F5YD0 | 2438300 | 9.980 | 2865231 | 6.900 | 986844 | 12.320 |
| 06 | F5YD1 | 2363069 | 9.980 | 2764087 | 6.900 | 939877 | 12.320 |
| 07 | F5YD4 | 2430527 | 9.980 | 2856197 | 6.900 | 979231 | 12.320 |
| 08 | F5YE1 | 2292208 | 9.980 | 2734067 | 6.900 | 894869 | 12.320 |
| 09 | F5YE2 | 2508673 | 9.980 | 2922789 | 6.900 | 1000381 | 12.320 |

IS1 (CBZ) = Chlorobenzene-d5

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

8A- FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

GC Column: DB-624 ID: 0.18 (mm) Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506Q Date Analyzed: 06/28/2012

Lab File ID (Standard): M6A0867.D Time Analyzed: 21:50

Instrument ID VMS06 Heated Purge: (Y/N) N

| | | IS1 (CBZ) AREA # | RT # | IS2 (DFB) AREA # | RT # | IS3 (DCB) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2510642 | 9.980 | 2943202 | 6.900 | 1127421 | 12.320 |
| | UPPER LIMIT | 5021284 | 10.480 | 5886404 | 7.400 | 2254842 | 12.820 |
| | LOWER LIMIT | 1255321 | 9.480 | 1471601 | 6.400 | 563711 | 11.820 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | VBLK6O | 2317484 | 9.980 | 2788354 | 6.900 | 956733 | 12.320 |
| 02 | F5YA7 | 2339967 | 9.980 | 2753434 | 6.900 | 970706 | 12.320 |
| 03 | F5YB3 | 2452138 | 9.980 | 2872406 | 6.900 | 994526 | 12.320 |
| 04 | F5YB5 | 2367015 | 9.980 | 2796802 | 6.900 | 956397 | 12.320 |
| 05 | F5YB6 | 2365588 | 9.980 | 2809745 | 6.900 | 961448 | 12.320 |
| 06 | F5YB7 | 2437912 | 9.980 | 2847131 | 6.900 | 980530 | 12.320 |
| 07 | F5YC5 | 2316528 | 9.980 | 2755219 | 6.900 | 922245 | 12.320 |
| 08 | F5YC6 | 2466313 | 9.980 | 2900225 | 6.900 | 1011327 | 12.320 |
| 09 | F5YC7DL | 2442554 | 9.980 | 2877409 | 6.900 | 1012502 | 12.320 |
| 10 | F5YC8 | 2314571 | 9.980 | 2747530 | 6.900 | 927101 | 12.320 |
| 11 | F5YD5 | 2314022 | 9.980 | 2726588 | 6.900 | 938051 | 12.320 |
| 12 | F5YE6 | 2260815 | 9.980 | 2653318 | 6.900 | 874645 | 12.320 |
| 13 | F5YB2 | 2522178 | 9.980 | 2940073 | 6.900 | 1007693 | 12.320 |

IS1 (CBZ) = Chlorobenzene-d5

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

8A- FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

GC Column: DB-624 ID: 0.18 (mm) Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506S Date Analyzed: 06/29/2012

Lab File ID (Standard): M6A0889.D Time Analyzed: 9:16

Instrument ID VMS06 Heated Purge: (Y/N) N

| | | IS1 (CBZ) AREA # | RT # | IS2 (DFB) AREA # | RT # | IS3 (DCB) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2801446 | 9.980 | 3136904 | 6.900 | 1283663 | 12.320 |
| | UPPER LIMIT | 5602892 | 10.480 | 6273808 | 7.400 | 2567326 | 12.820 |
| | LOWER LIMIT | 1400723 | 9.480 | 1568452 | 6.400 | 641832 | 11.820 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | VBLK6P | 2689097 | 9.980 | 3150503 | 6.900 | 1085006 | 12.320 |

IS1 (CBZ) = Chlorobenzene-d5

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

8A- FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

GC Column: DB-624 ID: 0.18 (mm) Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506T Date Analyzed: 06/29/2012

Lab File ID (Standard): M6A0908.D Time Analyzed: 17:47

Instrument ID VMS06 Heated Purge: (Y/N) N

| | | IS1 (CBZ) AREA # | RT # | IS2 (DFB) AREA # | RT # | IS3 (DCB) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2521679 | 9.980 | 2958119 | 6.900 | 1176890 | 12.320 |
| | UPPER LIMIT | 5043358 | 10.480 | 5916238 | 7.400 | 2353780 | 12.820 |
| | LOWER LIMIT | 1260840 | 9.480 | 1479060 | 6.400 | 588445 | 11.820 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | VBLK6Q | 2467887 | 9.980 | 2920620 | 6.900 | 1027961 | 12.320 |
| 02 | F5YC7 | 3145020 | 9.980 | 3792247 | 6.900 | 1356527 | 12.320 |
| 03 | VHBLK6N | 3178489 | 9.980 | 3743329 | 6.900 | 1338548 | 12.320 |

IS1 (CBZ) = Chlorobenzene-d5

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YA7

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638611

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0871.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YA7

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638611

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0871.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.2 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
F5YA7

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638611
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0871.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0871.D
Lab Smp Id: 350638611  Client Smp ID: F5YA7
Inj Date : 28-JUN-2012 23:31  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638611;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1433494 | 50.7497 | 50.7497 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1317681 | 50.2601 | 50.2600 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1385133 | 35.0029 | 35.0029 |
| $ 82 2-Butanone-d5 | 46 | 5.227 | 5.228 | (0.758) | 197925 | 96.0197 | 96.0197 |
| $ 83 Chloroform-d | 84 | 5.687 | 5.689 | (0.824) | 1540610 | 47.9147 | 47.9147(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.323 | (0.916) | 865338 | 52.5361 | 52.5361 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3535821 | 50.8771 | 50.8771 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 2753434 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1005603 | 51.1984 | 51.1984 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.538 | 7.539 | (1.093) | 67954 | 1258.00 | 1258.00 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3370897 | 51.6936 | 51.6936 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 756992 | 51.4360 | 51.4360 |
| 37 Tetrachloroethene | 164 | 9.151 | 9.150 | (0.917) | 19854 | 1.22524 | 1.22524 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 237637 | 96.0024 | 96.0024 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2339967 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 584966 | 50.3317 | 50.3317 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 970706 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 843289 | 50.7566 | 50.7566 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

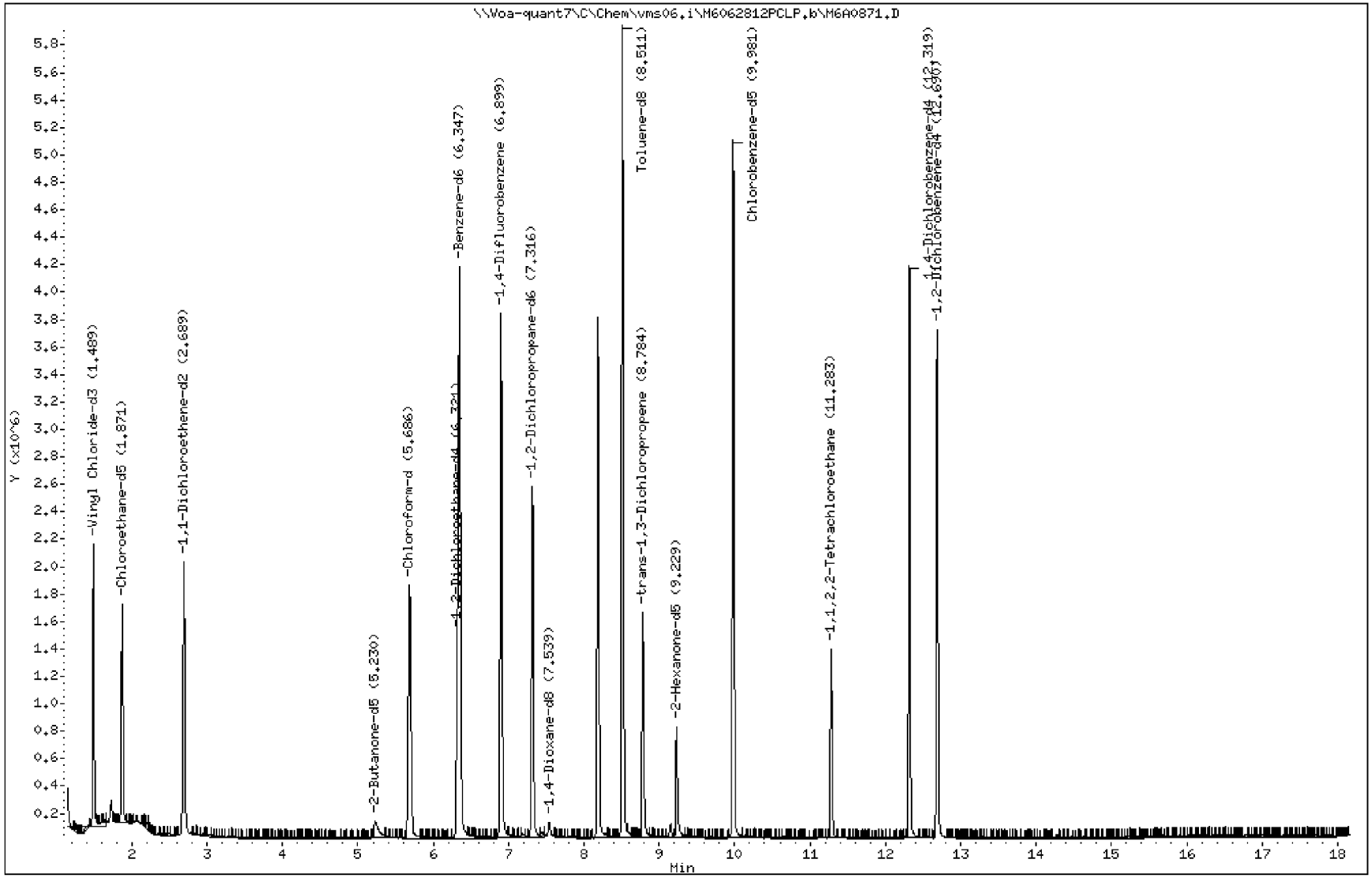
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0871.D
Lab Smp Id: 350638611  Client Smp ID: F5YA7
Inj Date  : 28-JUN-2012 23:31  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638611;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0871.D
Date : 28-JUN-2012 23:31
Client ID: F5YA7
Sample Info: 350638611;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0871.D



Date : 28-JUN-2012 23:31

Client ID: F5YA7

Instrument: vms06.i

Sample Info: 350638611;3506386;1;

Purge Volume: 5.0

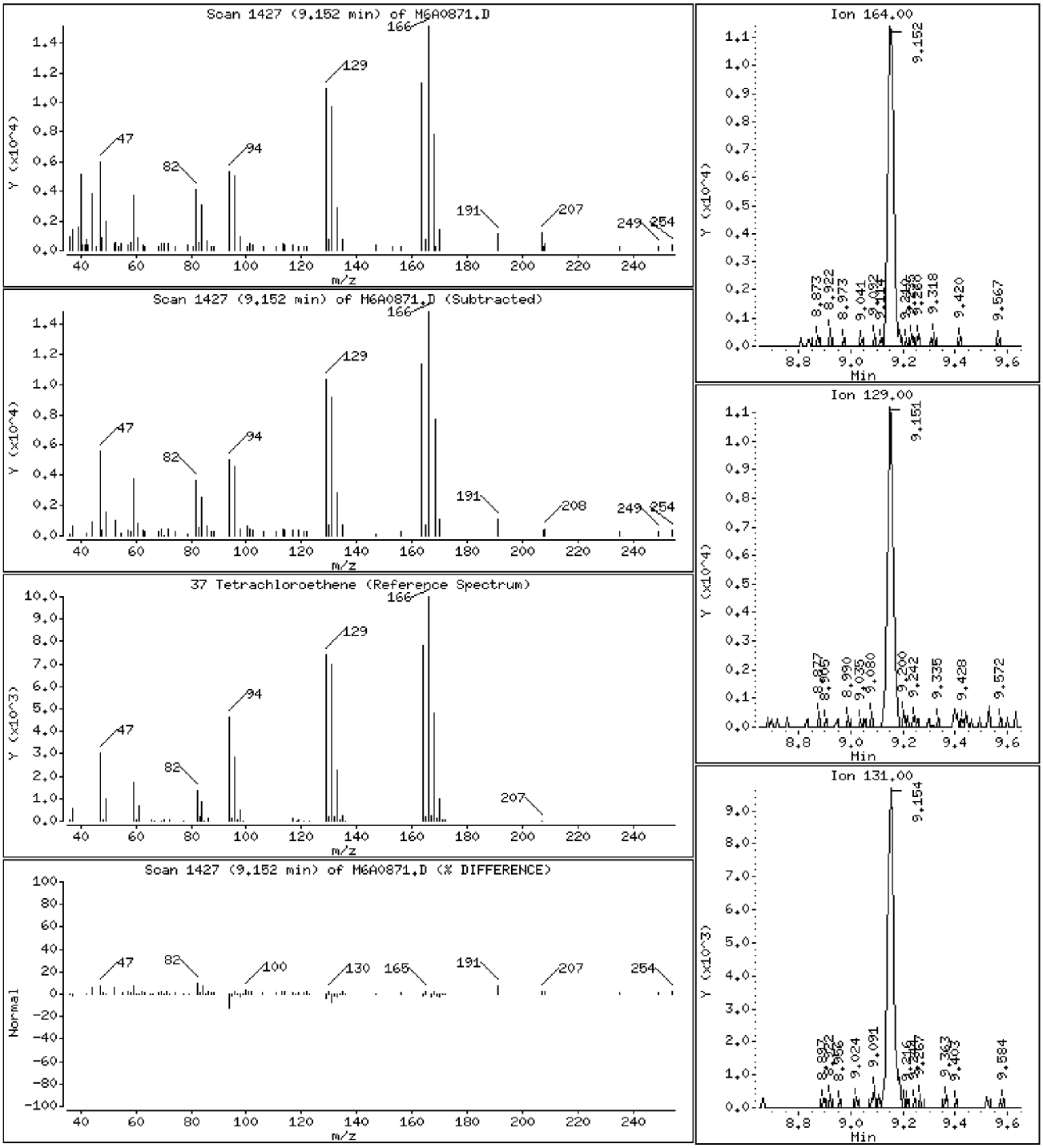
Operator: MST

Column phase: DB-624

Column diameter: 0.18

37 Tetrachloroethene

Concentration: 1.22524 ug/L



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB1

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638601
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0848.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/2012
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB1

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638601

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0848.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.8 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB1

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638601
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0848.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.732 | 130 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0848.D
Lab Smp Id: 350638601  Client Smp ID: F5YB1
Inj Date : 28-JUN-2012 14:09  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638601;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1458584 | 47.7353 | 47.7353 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1325945 | 46.7530 | 46.7530 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1368432 | 31.9674 | 31.9674 |
| $ 82 2-Butanone-d5 | 46 | 5.227 | 5.228 | (0.758) | 232355 | 104.204 | 104.204 |
| $ 83 Chloroform-d | 84 | 5.688 | 5.689 | (0.824) | 1533854 | 44.0992 | 44.0992(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.322 | 6.323 | (0.916) | 878847 | 49.3238 | 49.3238 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 3517309 | 45.3697 | 45.3697 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2978542 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.317 | 7.316 | (0.733) | 987995 | 45.0928 | 45.0928 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.541 | 7.539 | (1.093) | 68032 | 1164.26 | 1164.26(Q) |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3355750 | 46.1321 | 46.1321 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.784 | (0.880) | 712651 | 43.4086 | 43.4086 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.150 | (0.917) | 31956 | 1.76786 | 1.76786 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 221942 | 80.3768 | 80.3768 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2610277 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 581168 | 44.8266 | 44.8266 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.320 | 12.319 | (1.000) | 1063209 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 832350 | 45.7394 | 45.7394 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0848.D
Lab Smp Id: 350638601  Client Smp ID: F5YB1
Inj Date  : 28-JUN-2012 14:09  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638601;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

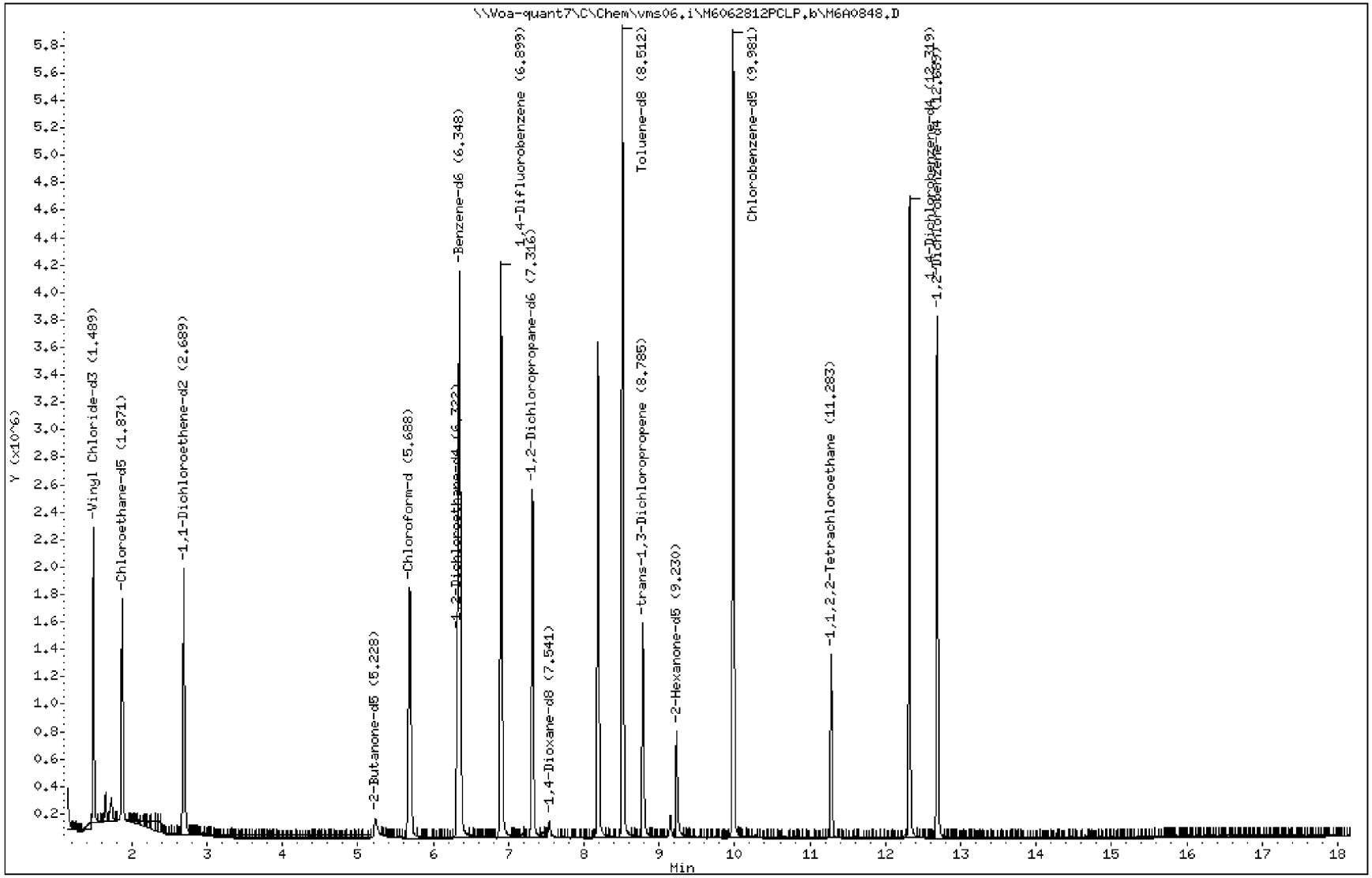
| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.900 | 2789417 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.732 | 7292464 | 130.716627 | 130.717 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0848.D
Date : 28-JUN-2012 14:09
Client ID: F5YB1
Sample Info: 350638601;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0848.D



Date : 28-JUN-2012 14:09

Client ID: F5YB1

Instrument: vms06.i

Sample Info: 350638601;3506386;1;

Purge Volume: 5.0

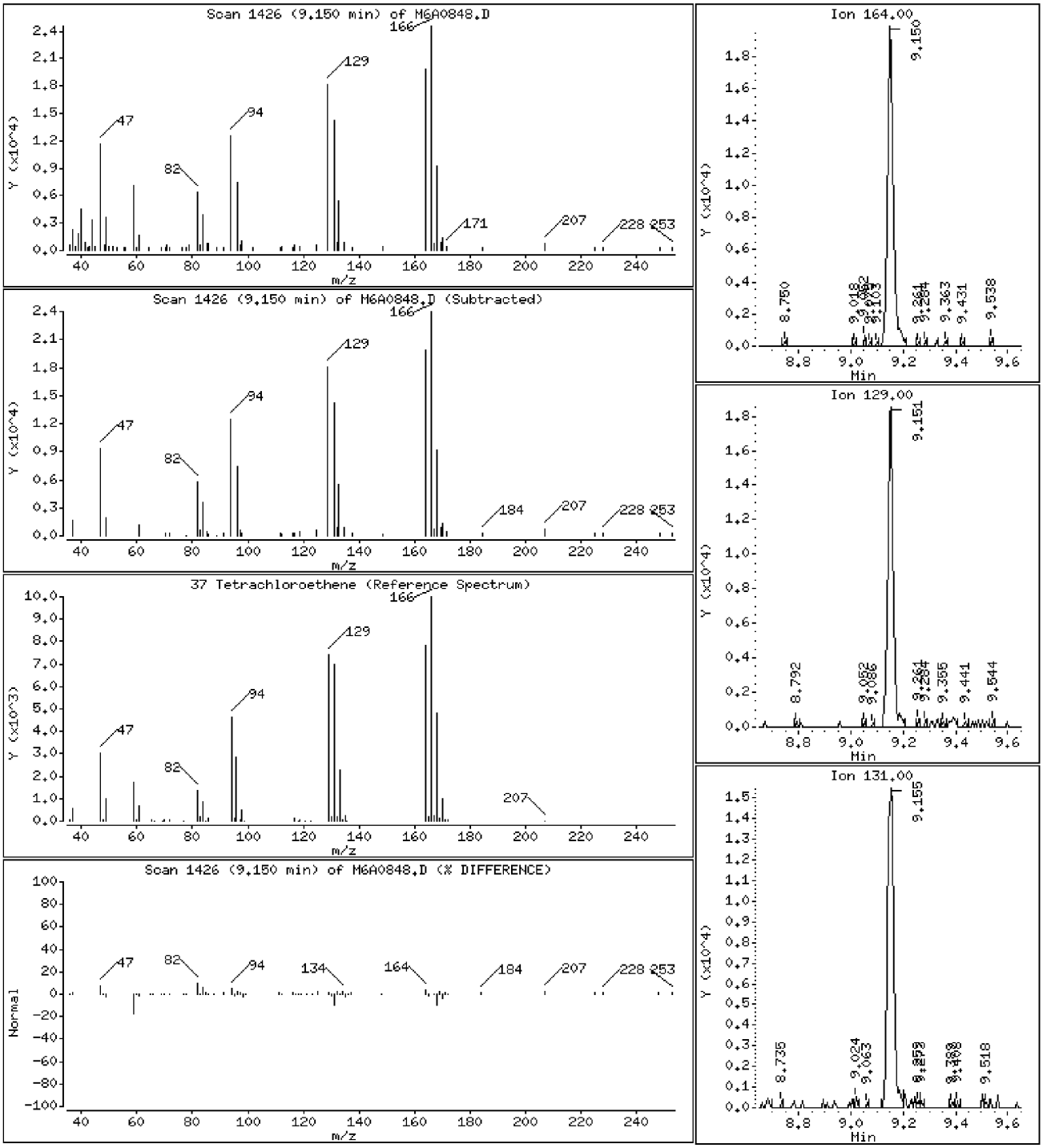
Operator: MST

Column phase: DB-624

Column diameter: 0.18

37 Tetrachloroethene

Concentration: 1.76786 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0848.D 

Date : 28-JUN-2012 14:09

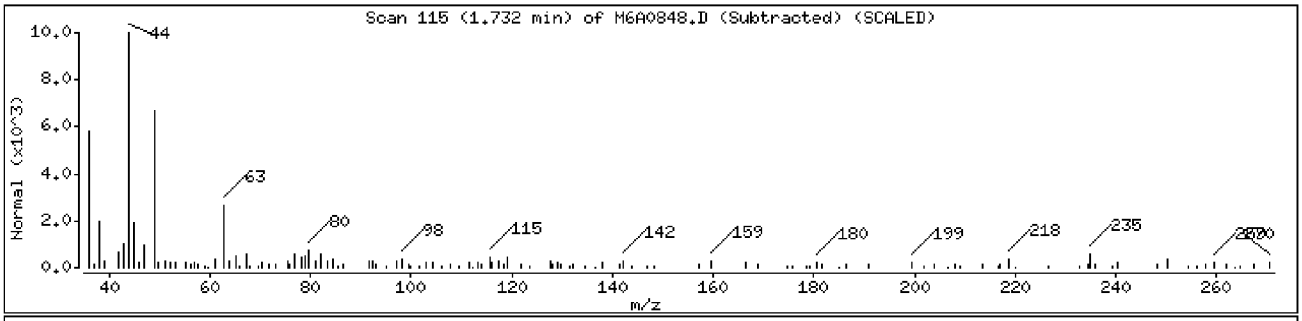
Client ID: F5YB1 Instrument: vms06.i

Sample Info: 350638601;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB2

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0882.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 91 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 0.48 | JB |
| 156-60-5 | trans-1,2-Dichloroethene | 1.9 | J |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 15 | |
| 156-59-2 | cis-1,2-Dichloroethene | 120 | |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 1.9 | J |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB2

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0882.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 46 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 37 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB2

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638602
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0882.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.651 | 7.9 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D
Lab Smp Id: 350638602  Client Smp ID: F5YB2
Inj Date : 29-JUN-2012 04:10  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638602;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1310913 | 43.4638 | 43.4638 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1232654 | 44.0322 | 44.0322 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.697 | 2.692 | (0.391) | 2415471 | 57.1651 | 57.1651(R) |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1749443 | 91.4859 | 91.4859(Q) |
| 12 Methylene Chloride | 84 | 3.332 | 3.322 | (0.483) | 8658 | 0.48323 | 0.483227(Q) |
| 13 trans-1,2-Dichloroethene | 96 | 3.724 | 3.720 | (0.540) | 36704 | 1.91691 | 1.91691 |
| 15 1,1-Dichloroethane | 63 | 4.368 | 4.370 | (0.633) | 537726 | 14.6902 | 14.6902 |
| $ 82 2-Butanone-d5 | 46 | 5.223 | 5.228 | (0.757) | 175295 | 79.6427 | 79.6427 |
| 17 cis-1,2-Dichloroethene | 96 | 5.245 | 5.248 | (0.760) | 2236576 | 120.528 | 120.528 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1496230 | 43.5804 | 43.5804(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.323 | (0.916) | 822757 | 46.7800 | 46.7800 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3472137 | 46.3514 | 46.3514 |
| 24 1,2-Dichloroethane | 62 | 6.416 | 6.415 | (0.930) | 44187 | 1.86227 | 1.86227 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 2940073 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.720) | 965158 | 46.3745 | 46.3745 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 981067 | 46.3407 | 46.3407 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.540 | 7.539 | (1.093) | 56254 | 975.295 | 975.295 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3294517 | 46.8723 | 46.8723 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 715501 | 45.1045 | 45.1045 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.150 | (0.917) | 643118 | 36.8212 | 36.8212 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 203450 | 76.2535 | 76.2535 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2522178 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 530266 | 42.3291 | 42.3291 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1007693 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 802217 | 46.5122 | 46.5122 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D
Lab Smp Id: 350638602  Client Smp ID: F5YB2
Inj Date : 29-JUN-2012 04:10  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638602;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

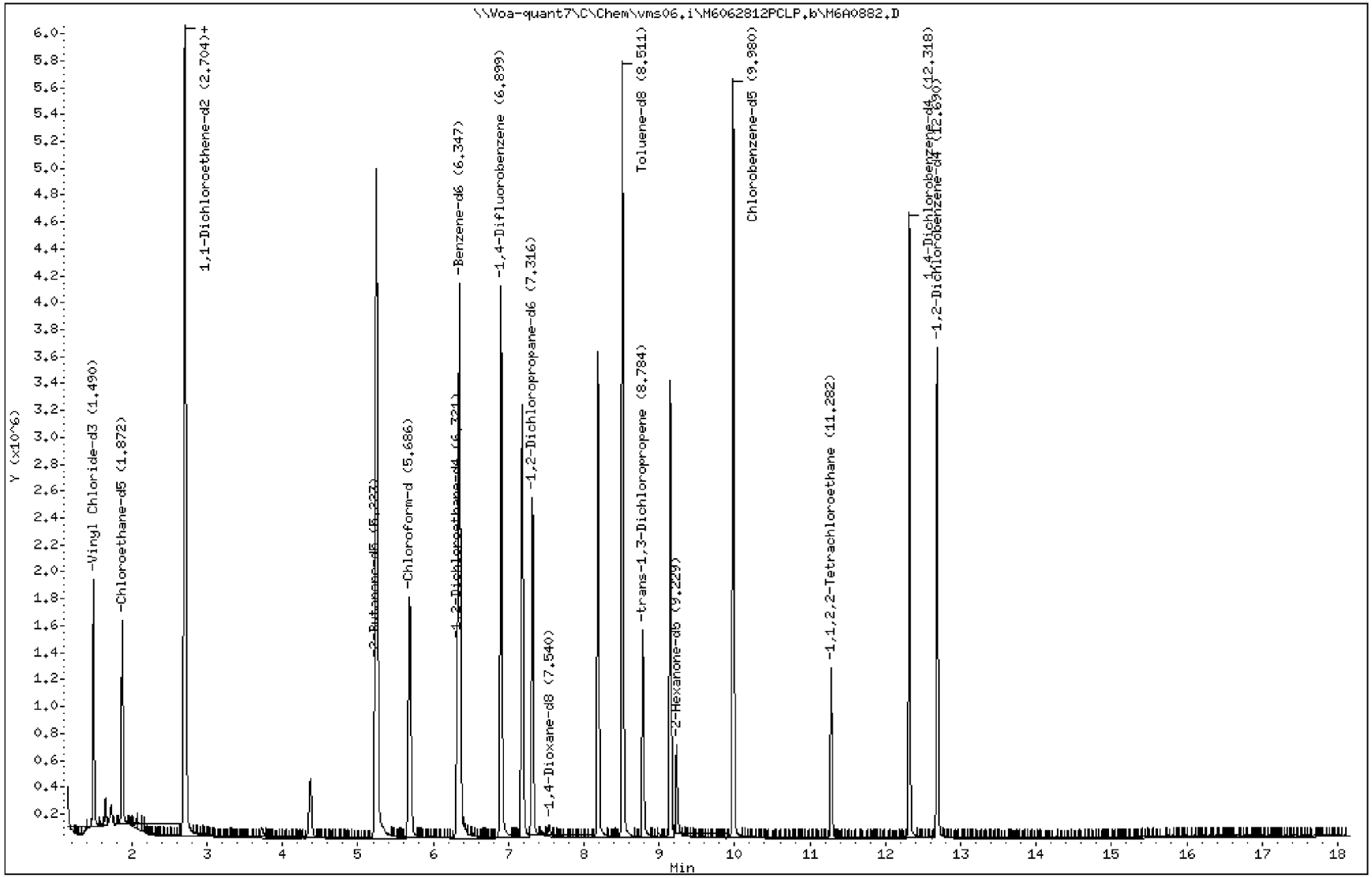
| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.900 | 2628894 | 50.000 |

| | CONCENTRATIONS | | | QUANT | | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | | CAS #: | |
| 1.651 | 415952 | 7.91115318 | 7.91115 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D
Date : 29-JUN-2012 04:10
Client ID: F5YB2
Sample Info: 350638602;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



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Date : 29-JUN-2012 04:10

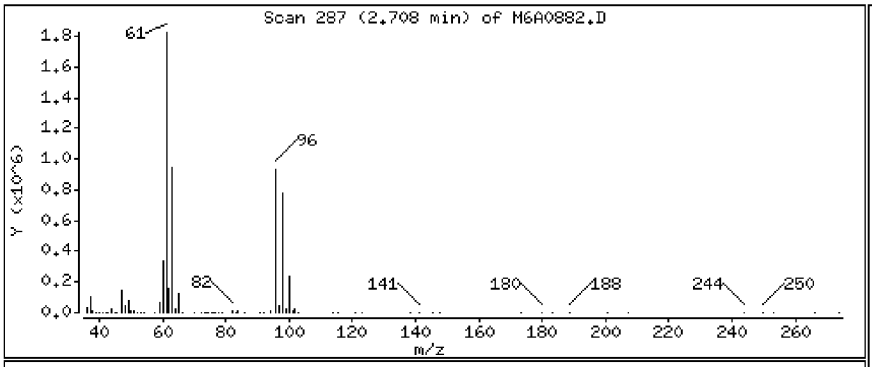
Client ID: F5YB2 Instrument: vms06.i

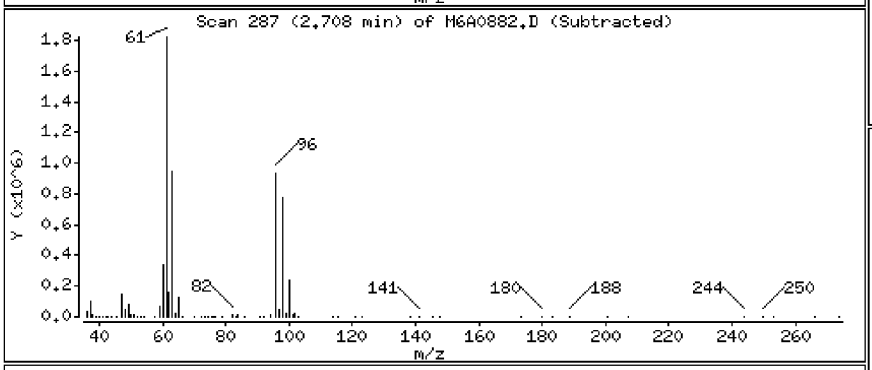
Sample Info: 350638602;3506386;1;

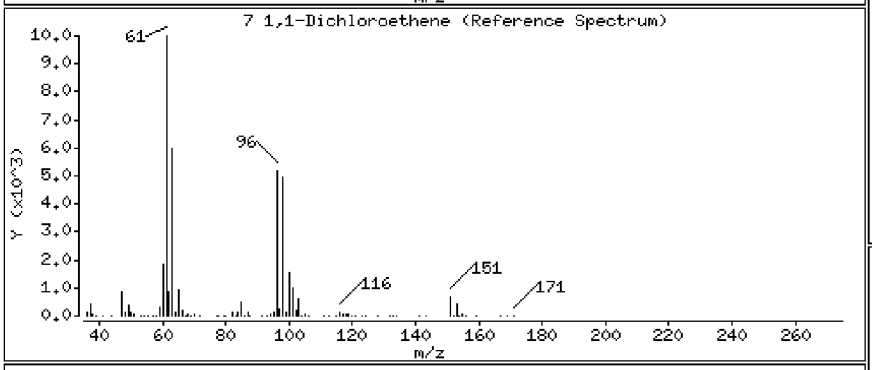
Purge Volume: 5.0 Operator: MST

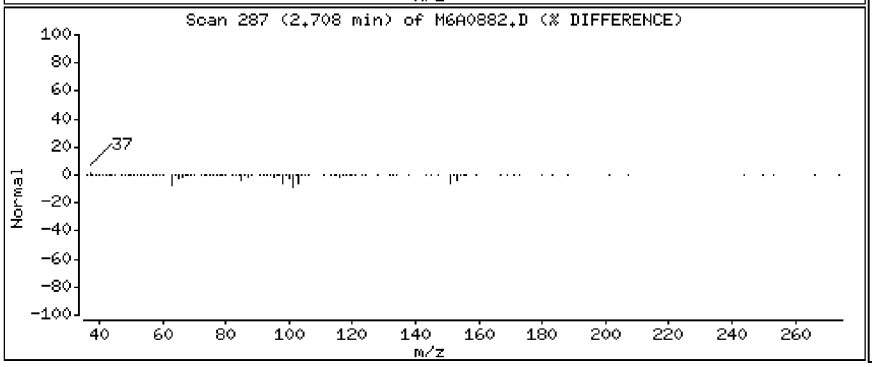
Column phase: DB-624 Column diameter: 0.18

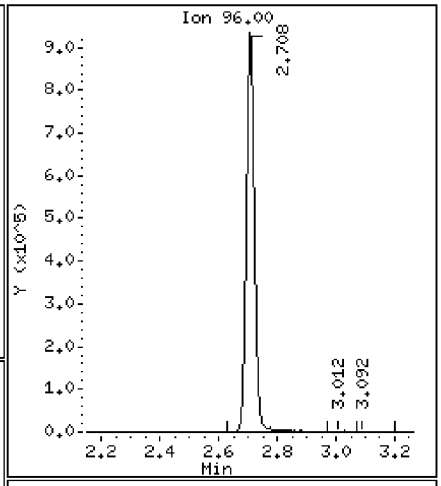
7 1,1-Dichloroethene Concentration: 91.4859 ug/L

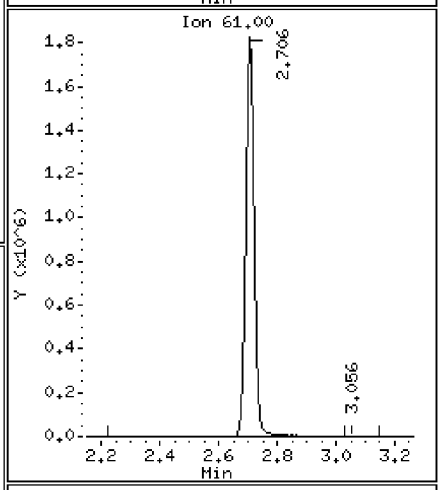


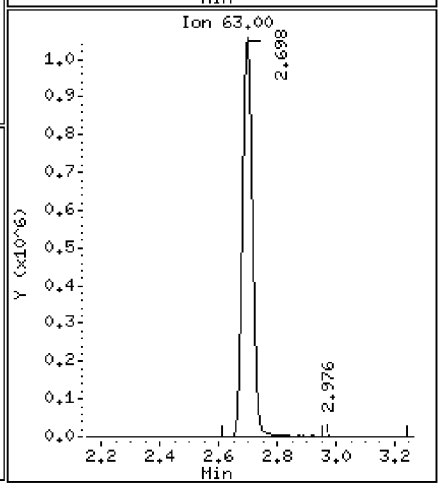



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D



Date : 29-JUN-2012 04:10

Client ID: F5YB2

Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0

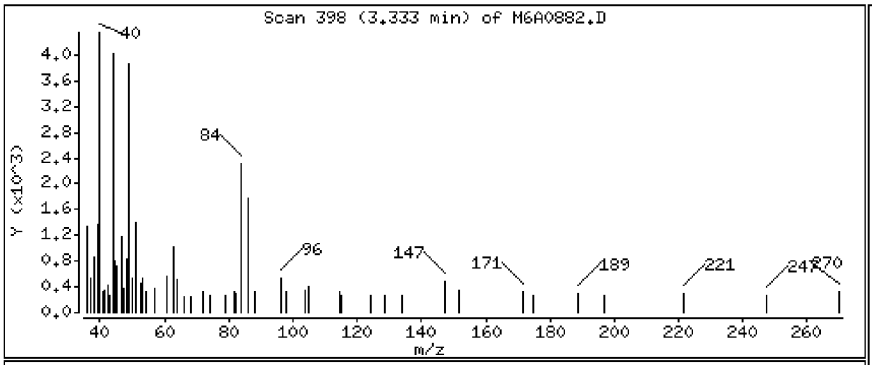
Operator: MST

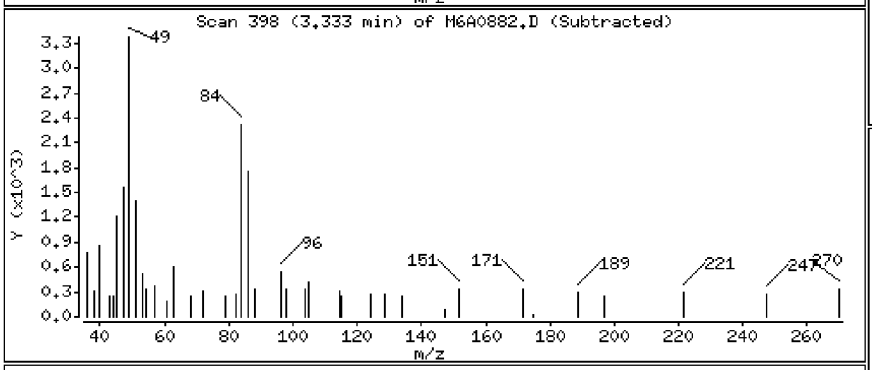
Column phase: DB-624

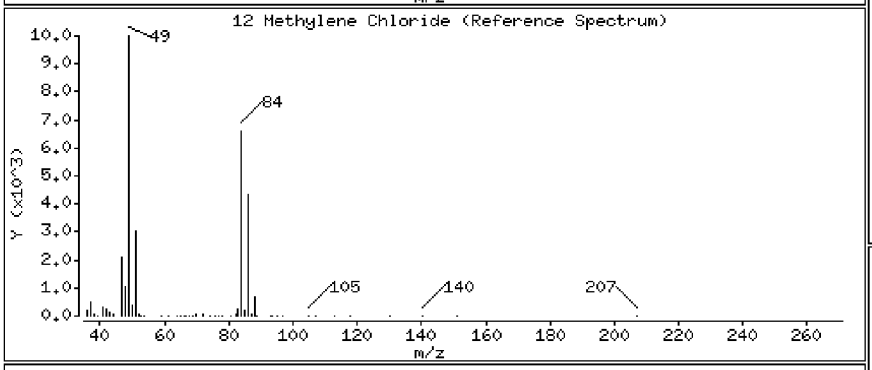
Column diameter: 0.18

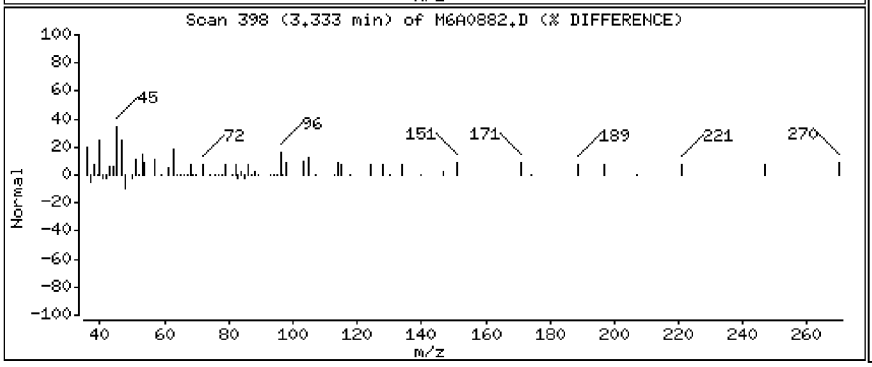
12 Methylene Chloride

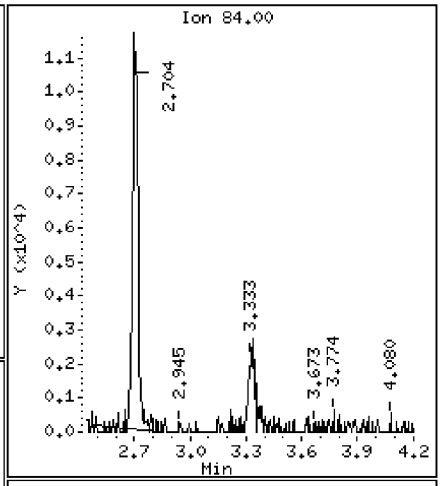
Concentration: 0.483227 ug/L

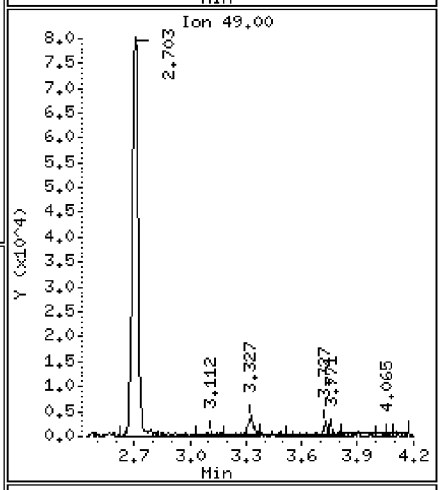


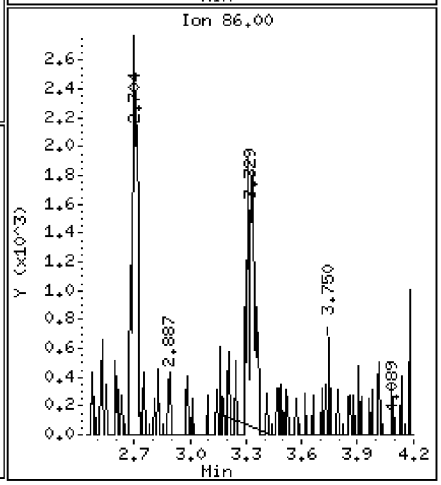



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D



Date : 29-JUN-2012 04:10

Client ID: F5YB2

Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0

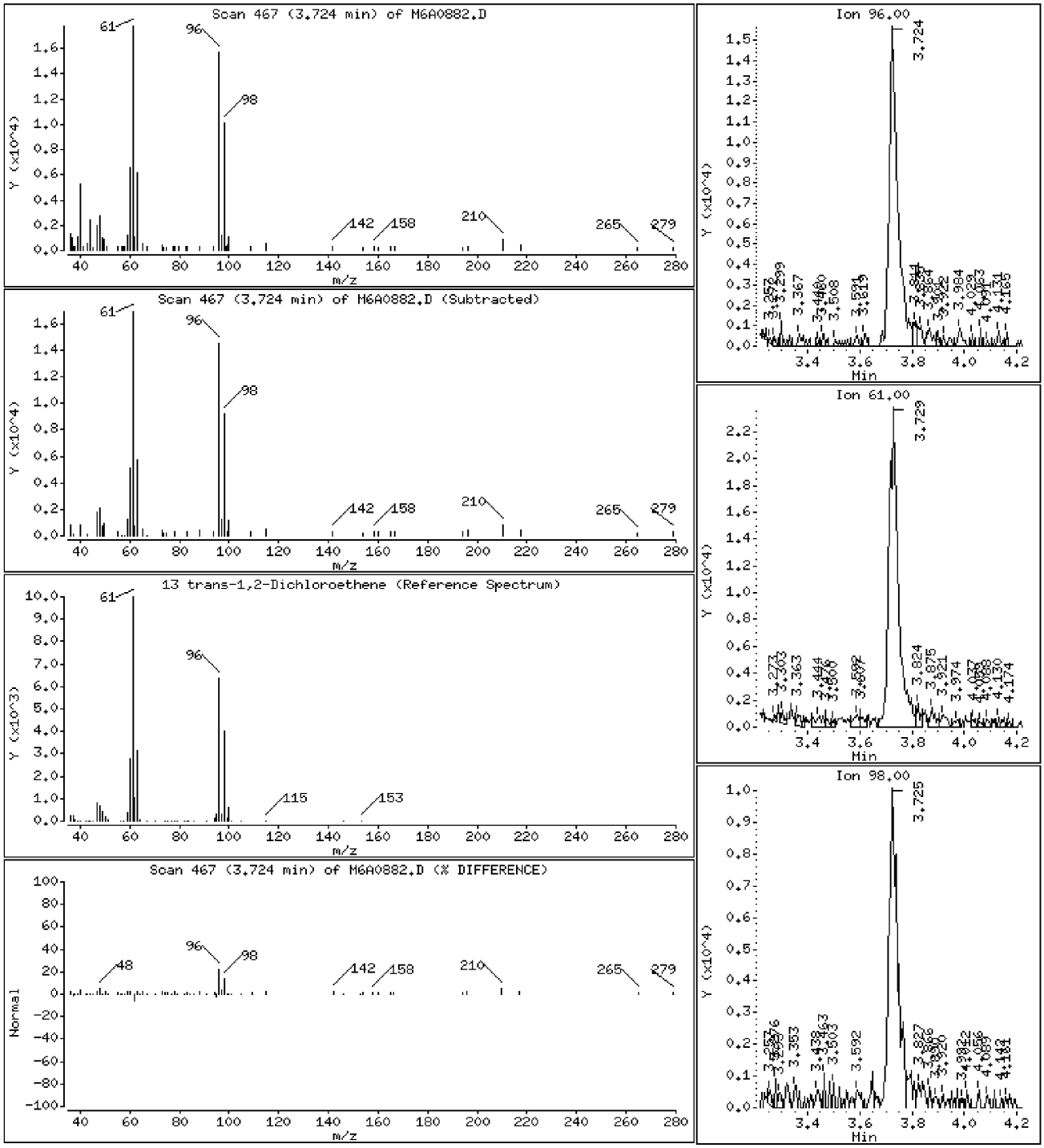
Operator: MST

Column phase: DB-624

Column diameter: 0.18

13 trans-1,2-Dichloroethene

Concentration: 1.91691 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D



Date : 29-JUN-2012 04:10

Client ID: F5YB2

Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0

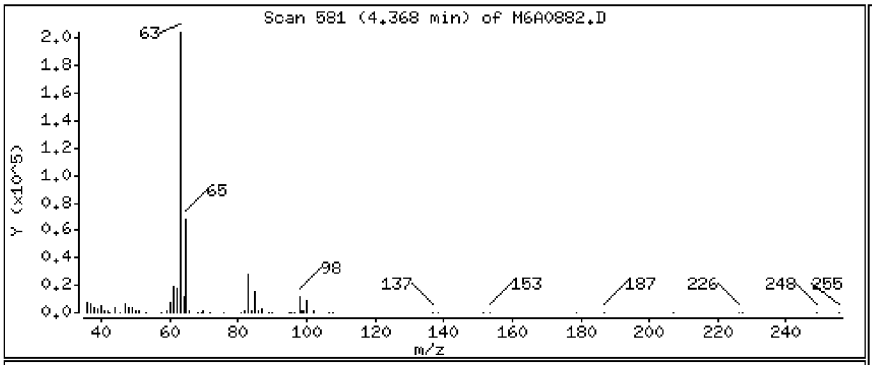
Operator: MST

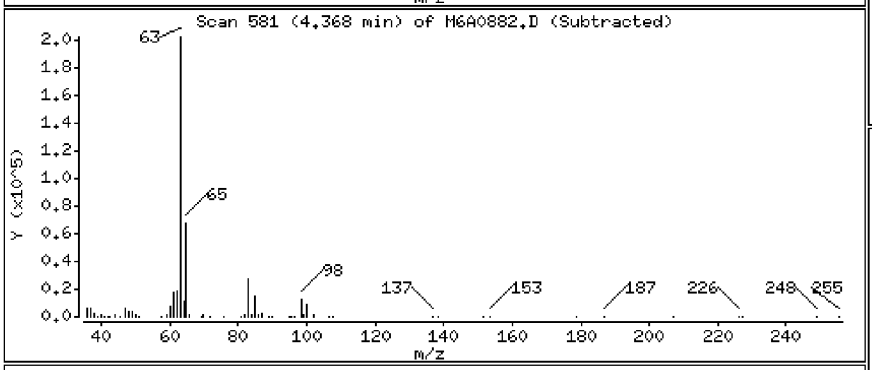
Column phase: DB-624

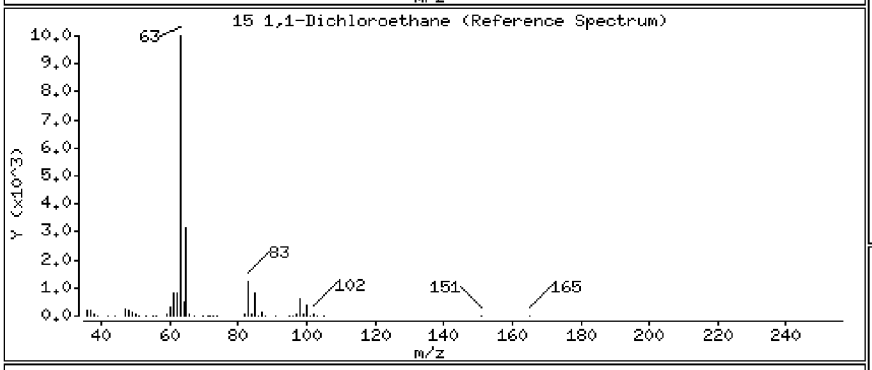
Column diameter: 0.18

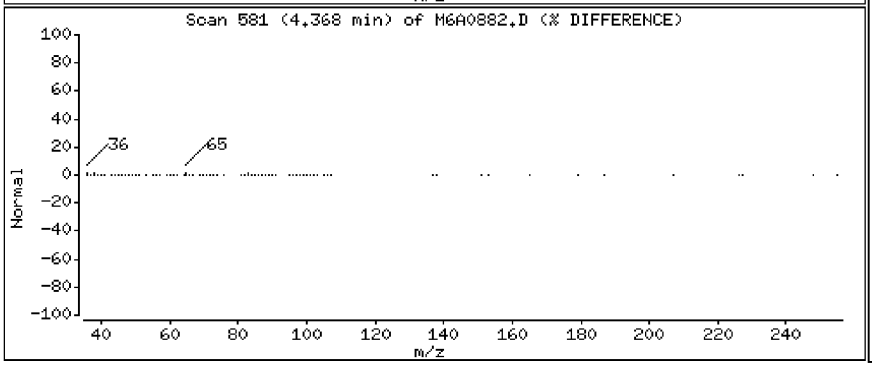
15 1,1-Dichloroethane

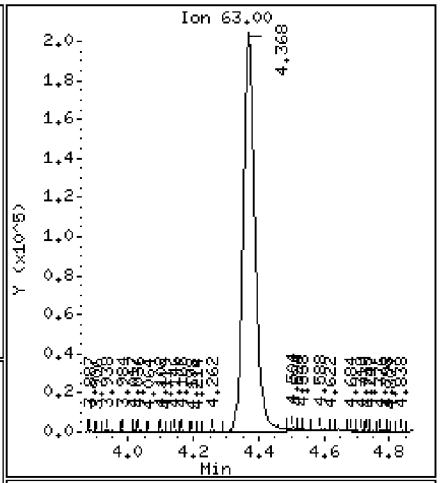
Concentration: 14.6902 ug/L

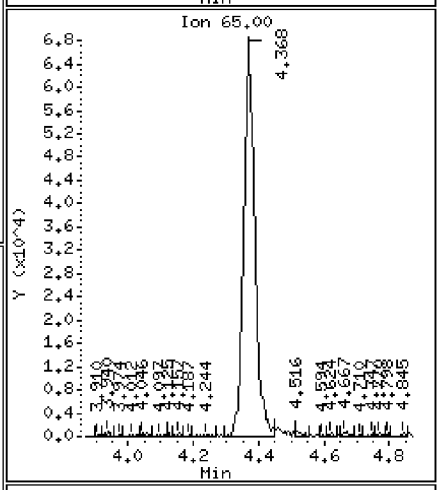


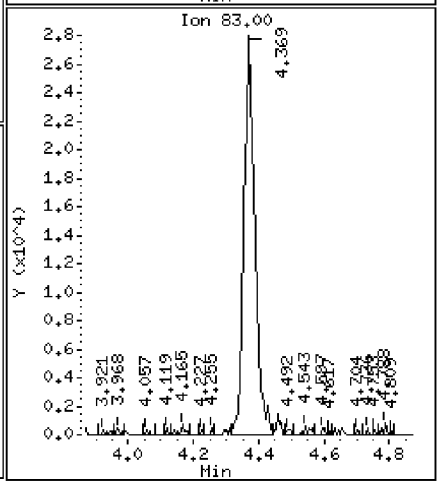



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D 

Date : 29-JUN-2012 04:10

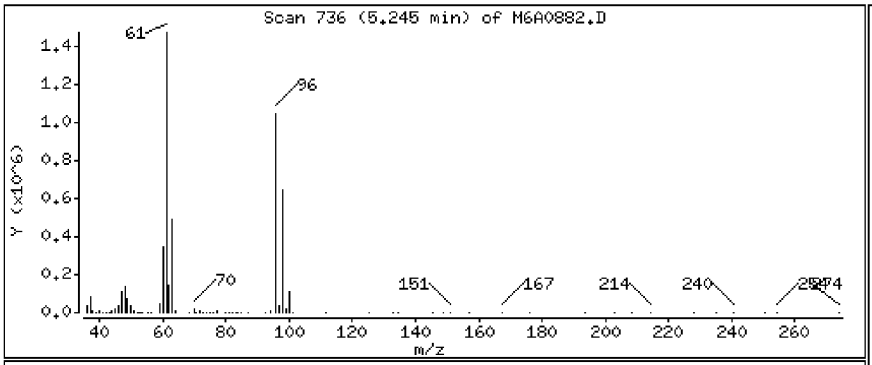
Client ID: F5YB2 Instrument: vms06.i

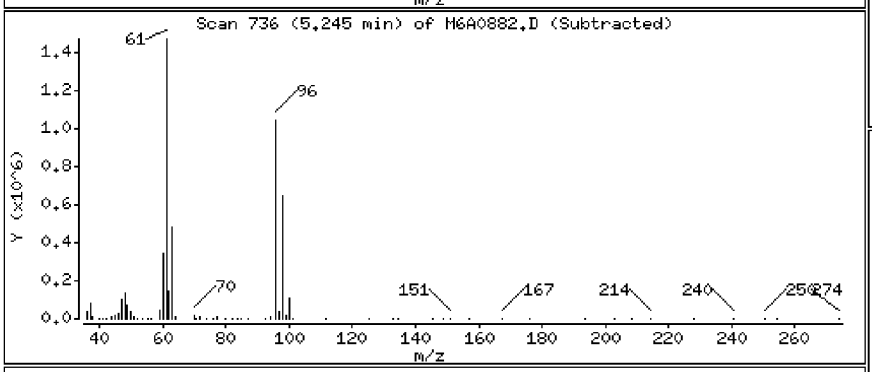
Sample Info: 350638602;3506386;1;

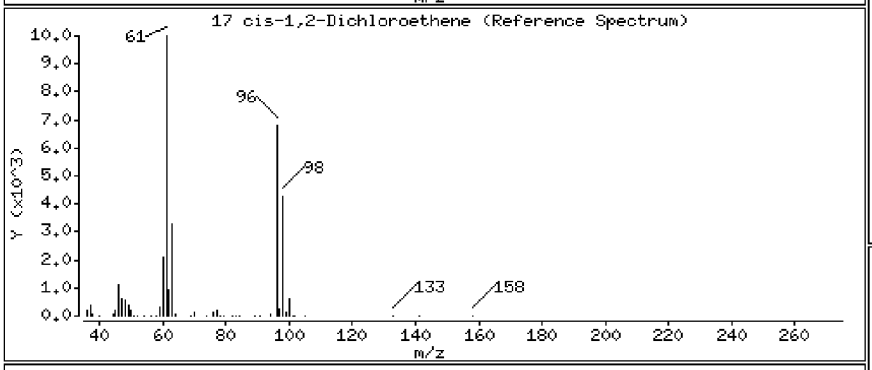
Purge Volume: 5.0 Operator: MST

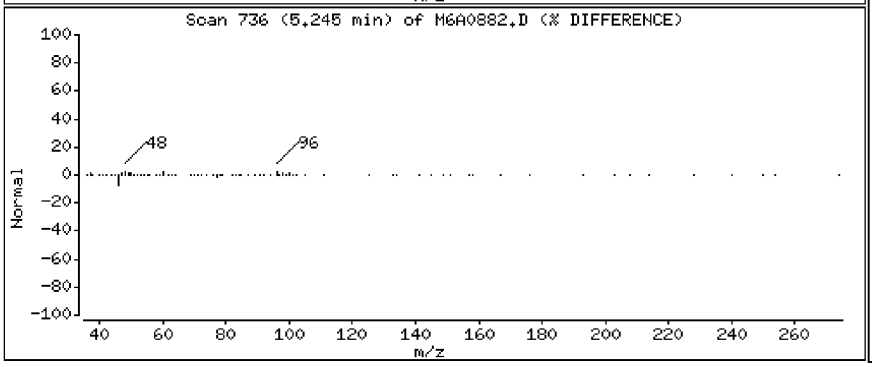
Column phase: DB-624 Column diameter: 0.18

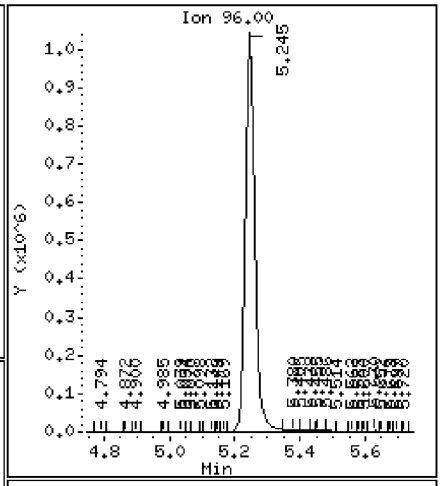
17 cis-1,2-Dichloroethene Concentration: 120.528 ug/L

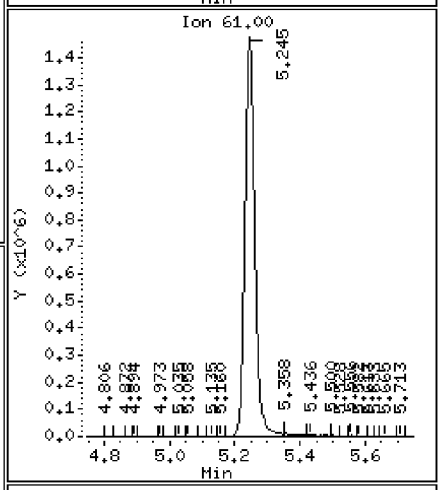


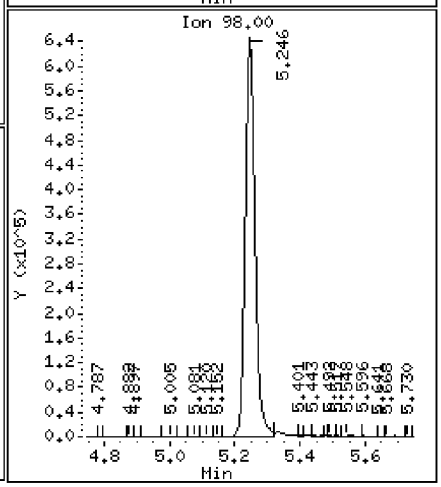



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D 

Date : 29-JUN-2012 04:10

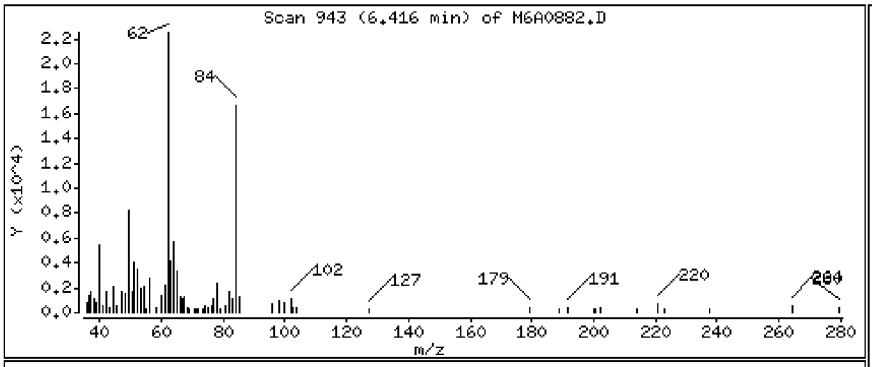
Client ID: F5YB2 Instrument: vms06.i

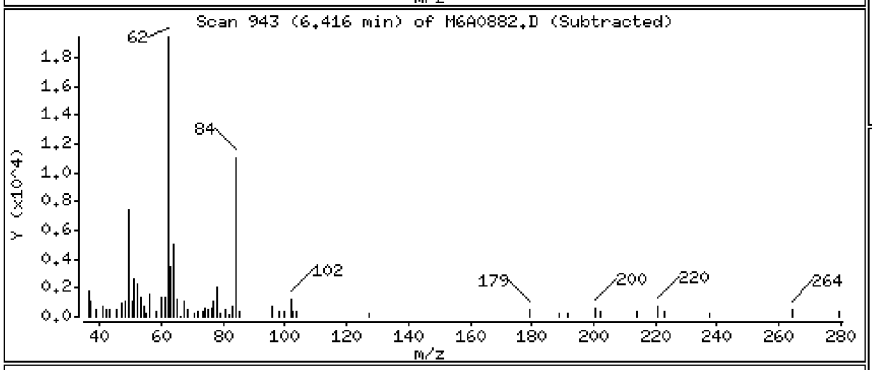
Sample Info: 350638602;3506386;1;

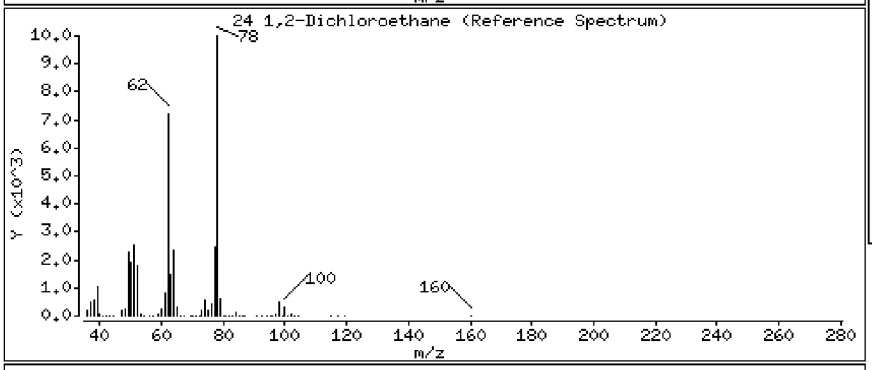
Purge Volume: 5.0 Operator: MST

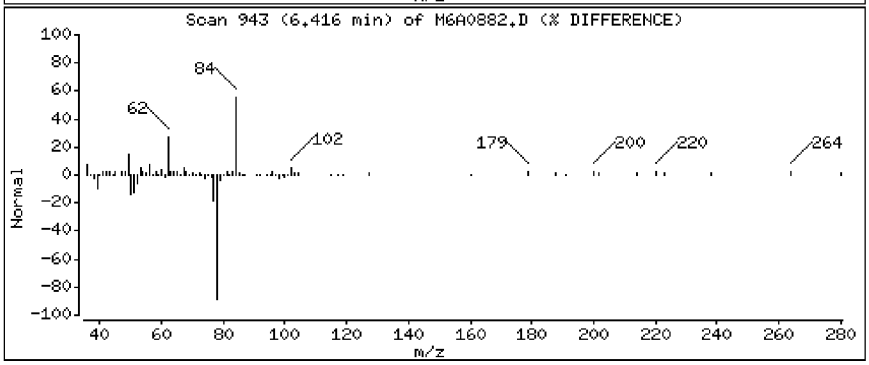
Column phase: DB-624 Column diameter: 0.18

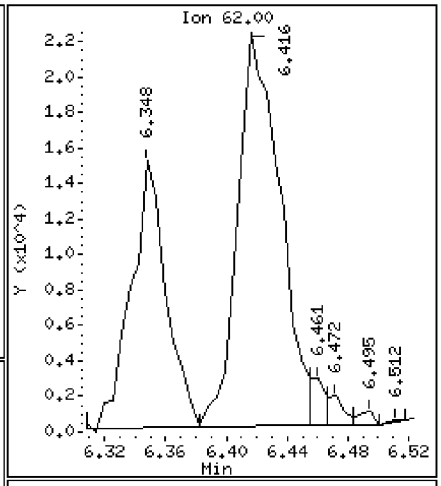
24 1,2-Dichloroethane Concentration: 1.86227 ug/L

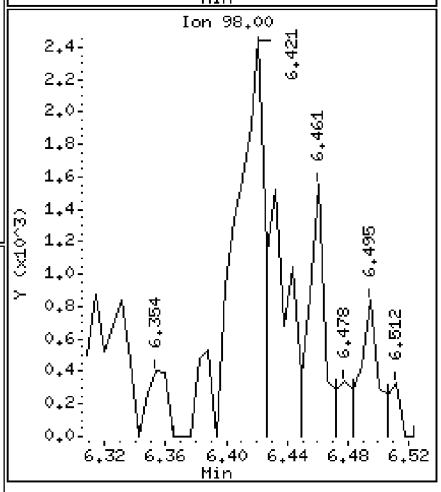


Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D



Date : 29-JUN-2012 04:10

Client ID: F5YB2

Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0

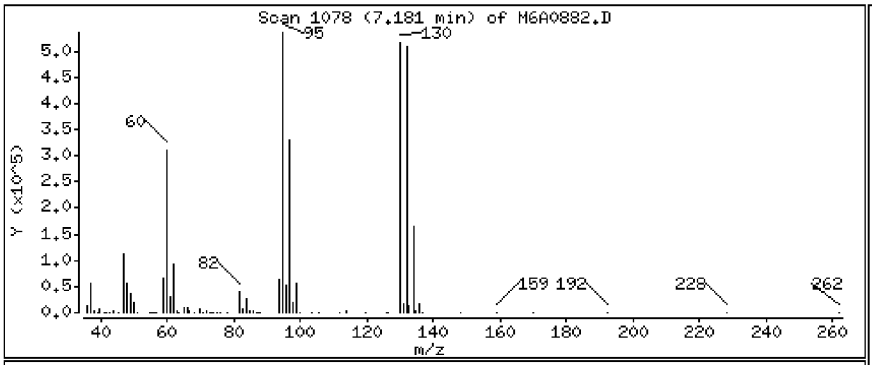
Operator: MST

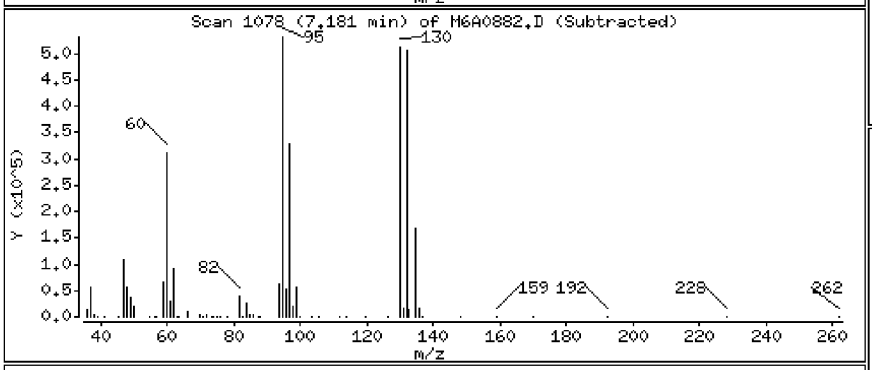
Column phase: DB-624

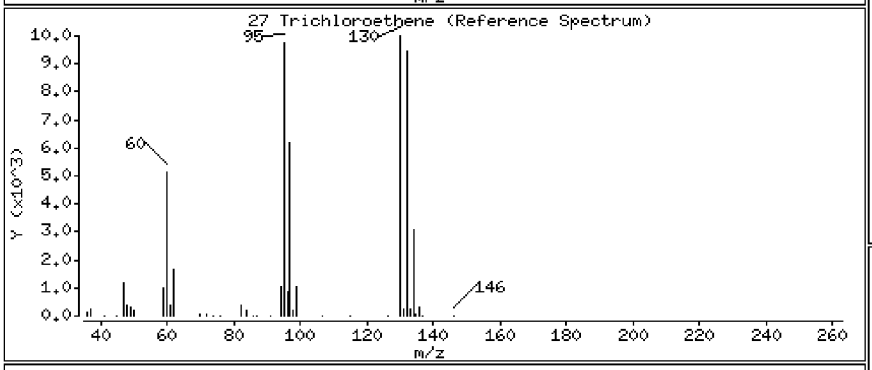
Column diameter: 0.18

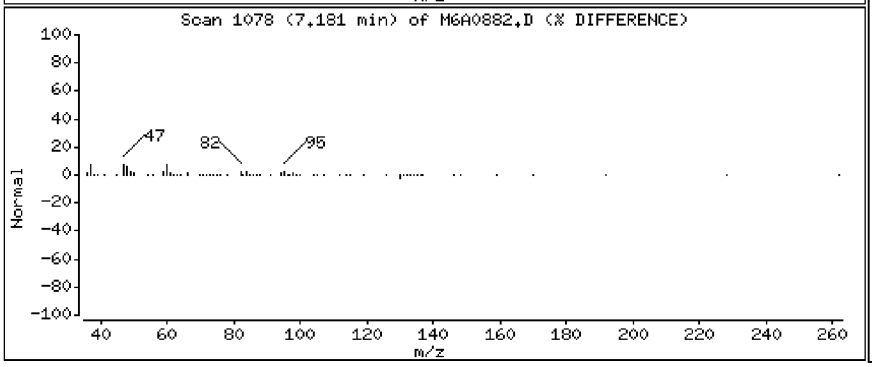
27 Trichloroethene

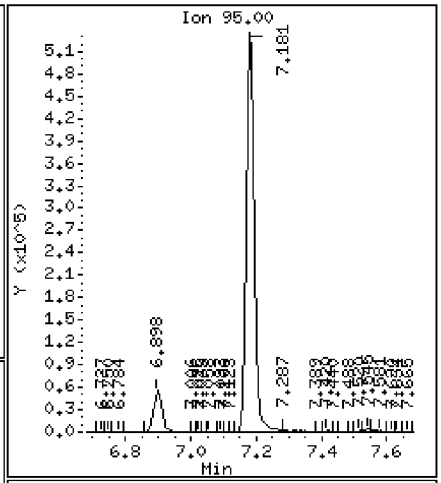
Concentration: 46.3745 ug/L

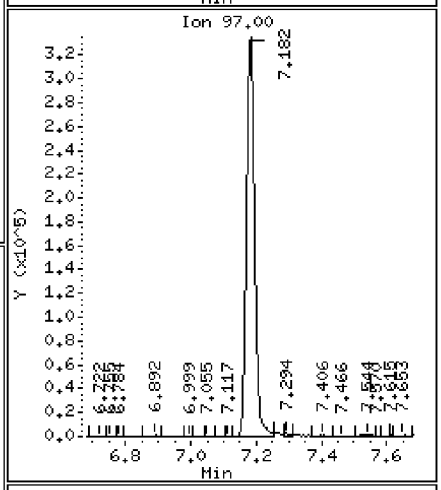


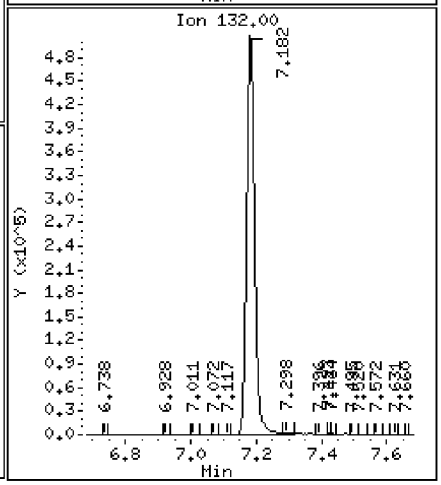



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D



Date : 29-JUN-2012 04:10

Client ID: F5YB2

Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0

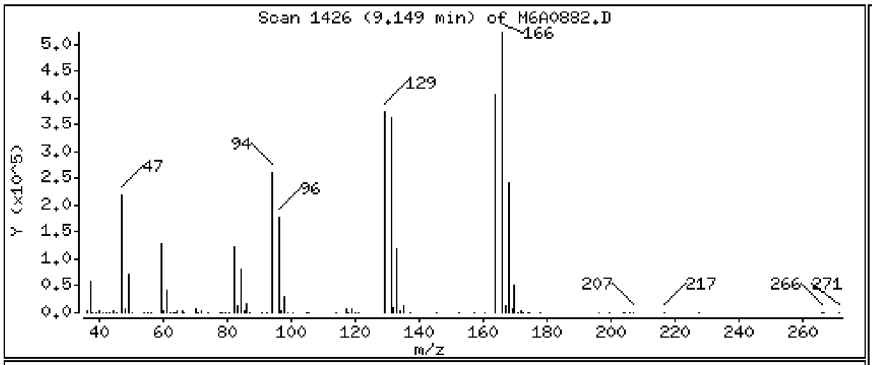
Operator: MST

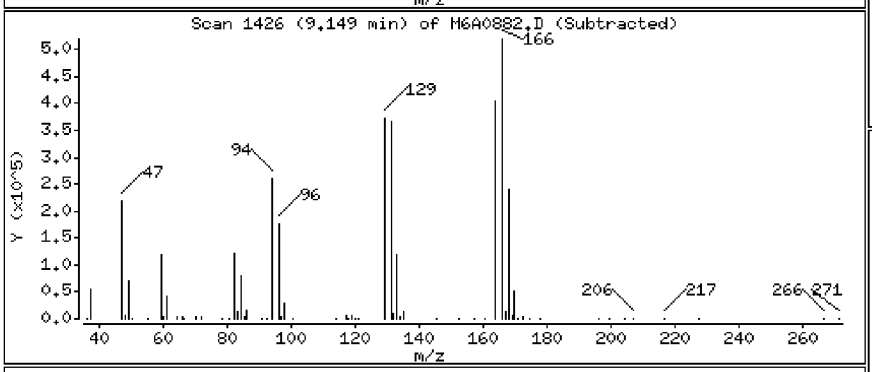
Column phase: DB-624

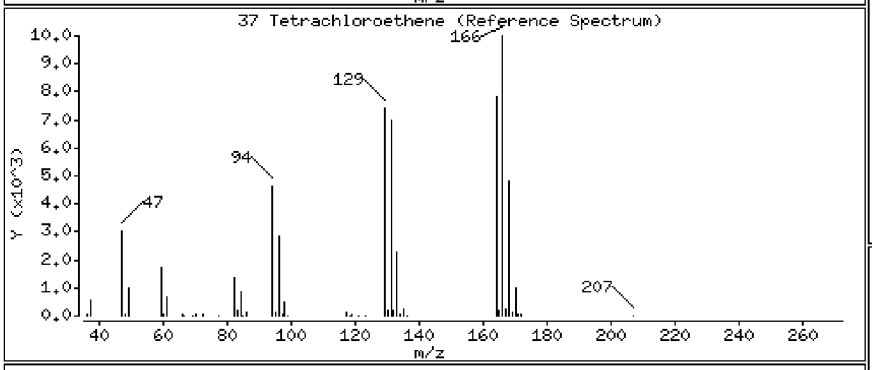
Column diameter: 0.18

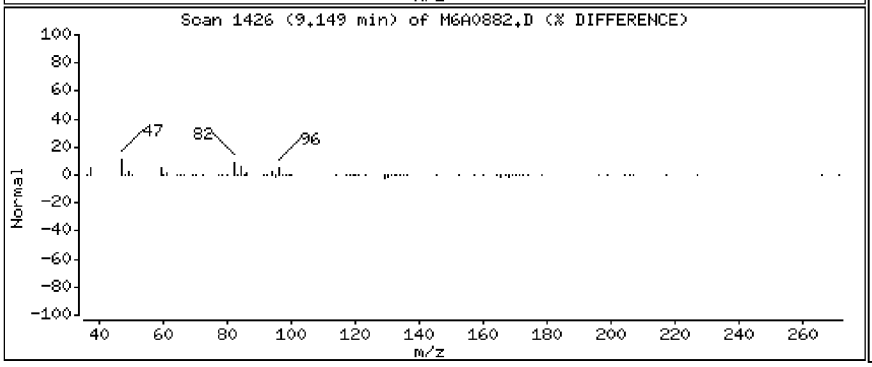
37 Tetrachloroethene

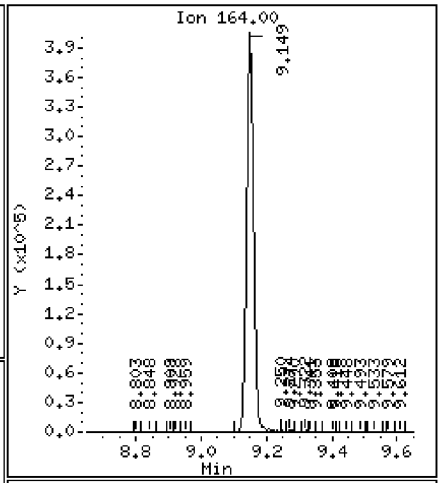
Concentration: 36.8212 ug/L

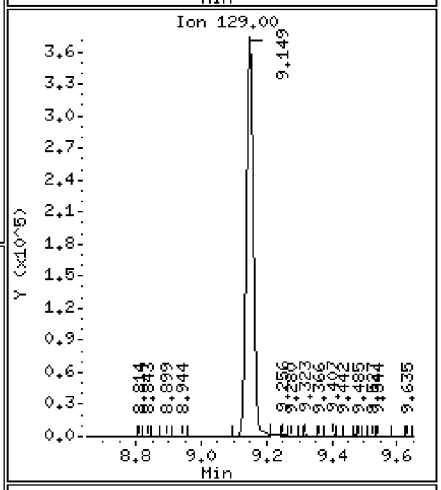


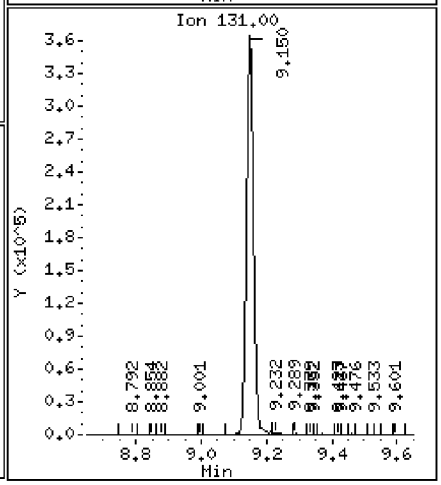



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0882.D Page 13

Date : 29-JUN-2012 04:10

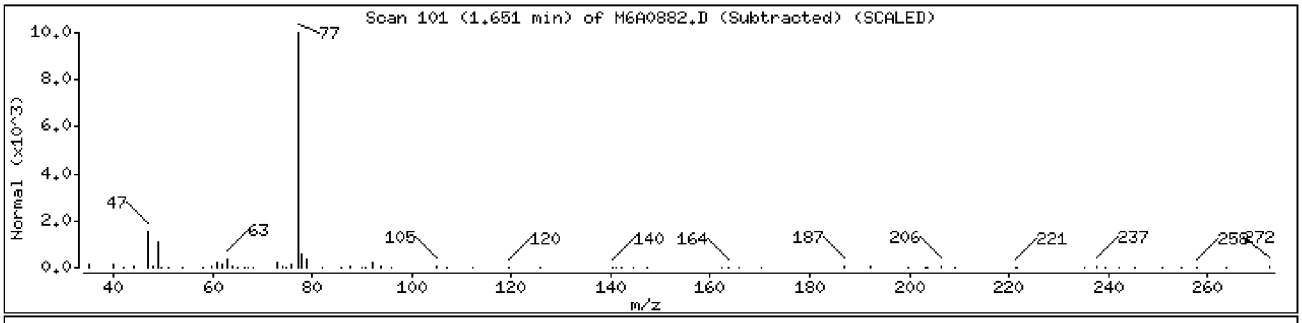
Client ID: F5YB2 Instrument: vms06.i

Sample Info: 350638602;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
F5YB3

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638612
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0872.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 12 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 8.3 | |
| 156-59-2 | cis-1,2-Dichloroethene | 9.3 | |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB3

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638612

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0872.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.9 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 6.8 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB3

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638612
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0872.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D
Lab Smp Id: 350638612  Client Smp ID: F5YB3
Inj Date : 28-JUN-2012 23:56  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638612;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.487 | 1.489 | (0.216) | 1488147 | 50.5024 | 50.5024 |
| $ 80 Chloroethane-d5 | 69 | 1.868 | 1.869 | (0.271) | 1354870 | 49.5381 | 49.5381 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.686 | 2.692 | (0.389) | 1565619 | 37.9252 | 37.9252 |
| 7 1,1-Dichloroethene | 96 | 2.703 | 2.707 | (0.392) | 222418 | 11.9052 | 11.9052(Q) |
| 15 1,1-Dichloroethane | 63 | 4.366 | 4.370 | (0.633) | 297272 | 8.31251 | 8.31251 |
| $ 82 2-Butanone-d5 | 46 | 5.222 | 5.228 | (0.757) | 215899 | 100.401 | 100.401 |
| 17 cis-1,2-Dichloroethene | 96 | 5.244 | 5.248 | (0.760) | 168980 | 9.32081 | 9.32080 |
| $ 83 Chloroform-d | 84 | 5.684 | 5.689 | (0.824) | 1645223 | 49.0489 | 49.0489(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.319 | 6.323 | (0.916) | 900915 | 52.4306 | 52.4306 |
| $ 84 Benzene-d6 | 84 | 6.347 | 6.349 | (0.636) | 3786739 | 51.9951 | 51.9951 |
| * 26 1,4-Difluorobenzene | 114 | 6.898 | 6.899 | (1.000) | 2872406 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.184 | 7.181 | (0.720) | 120167 | 5.93878 | 5.93878 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1073277 | 52.1442 | 52.1442 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.537 | 7.539 | (1.093) | 64639 | 1147.07 | 1147.07 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3591182 | 52.5525 | 52.5525 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.782 | 8.784 | (0.880) | 794761 | 51.5320 | 51.5320 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.150 | (0.917) | 115519 | 6.80286 | 6.80286(H) |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.925) | 231293 | 89.1652 | 89.1652 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2452138 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 601194 | 49.3618 | 49.3618 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.319 | (1.000) | 994526 | 50.0000 | |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 893185 | 52.4721 | 52.4721 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

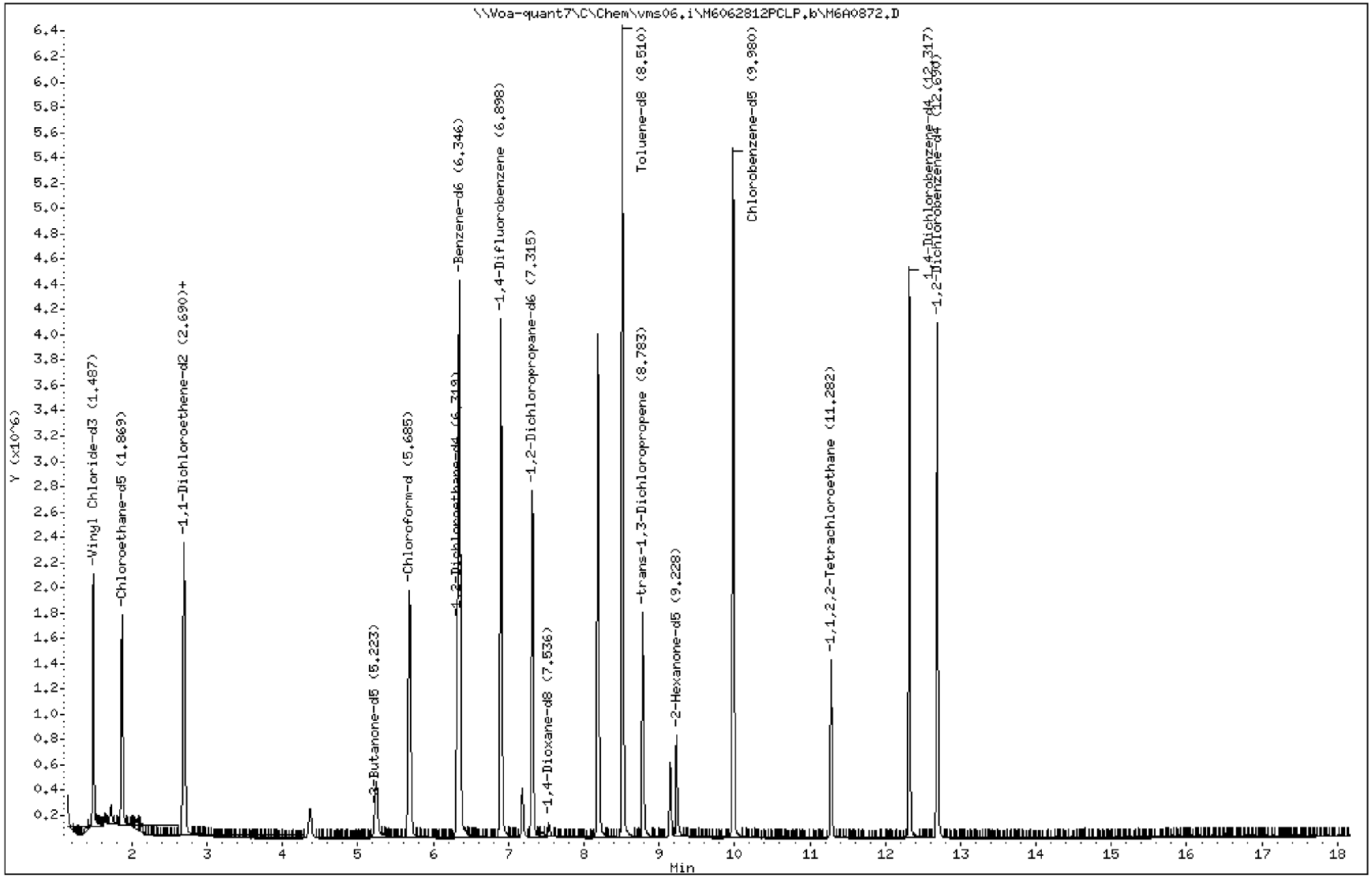
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D
Lab Smp Id: 350638612  Client Smp ID: F5YB3
Inj Date  : 28-JUN-2012 23:56  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638612;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D
Date : 28-JUN-2012 23:56
Client ID: F5YB3
Sample Info: 350638612;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D 

Date : 28-JUN-2012 23:56

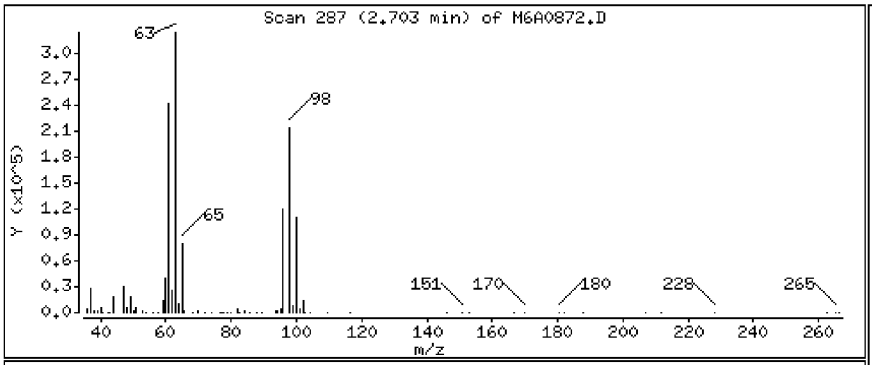
Client ID: F5YB3 Instrument: vms06.i

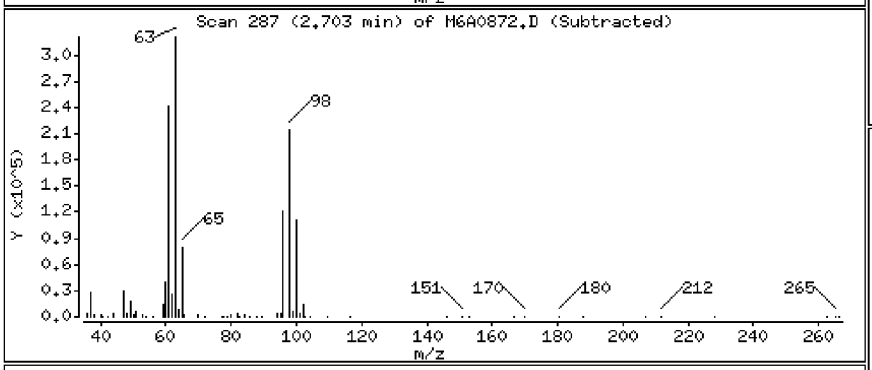
Sample Info: 350638612;3506386;1;

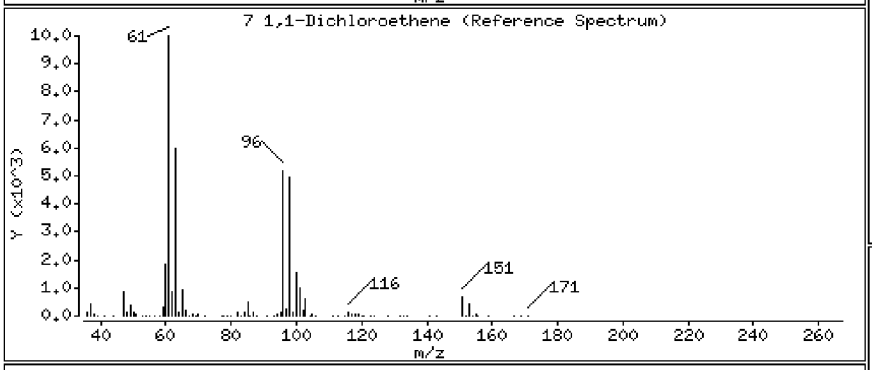
Purge Volume: 5.0 Operator: MST

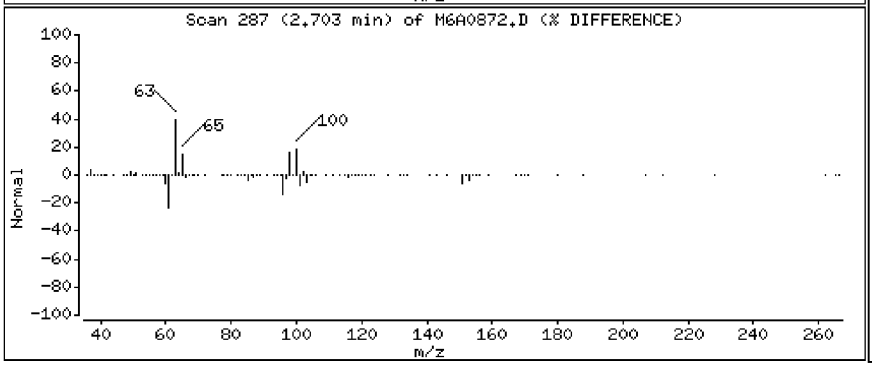
Column phase: DB-624 Column diameter: 0.18

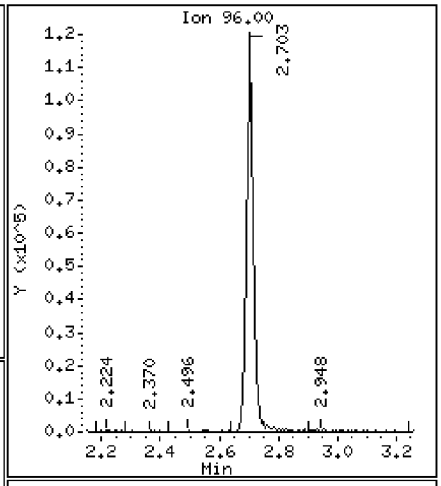
7 1,1-Dichloroethene Concentration: 11.9052 ug/L

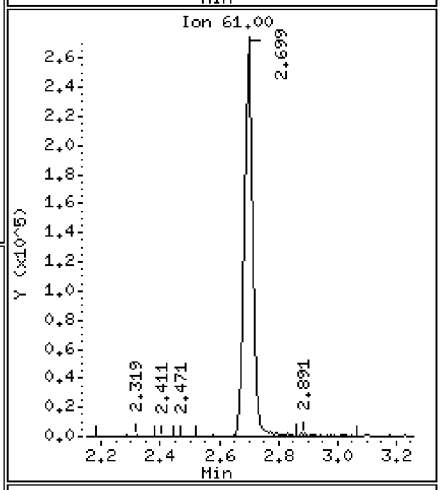


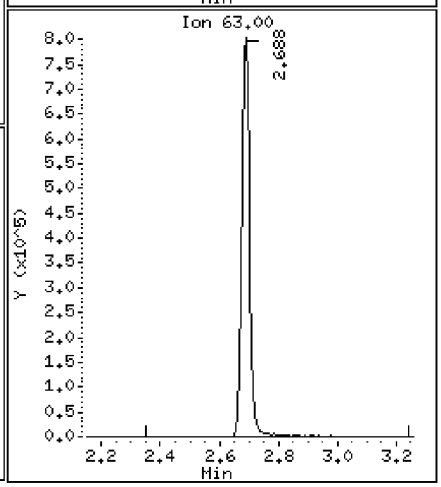



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D 

Date : 28-JUN-2012 23:56

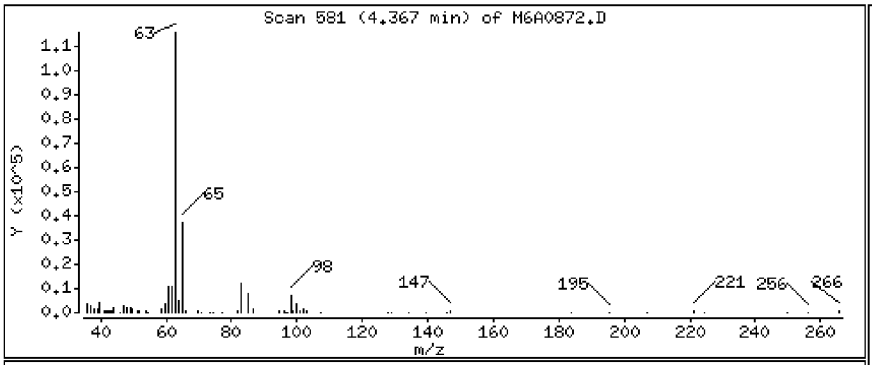
Client ID: F5YB3 Instrument: vms06.i

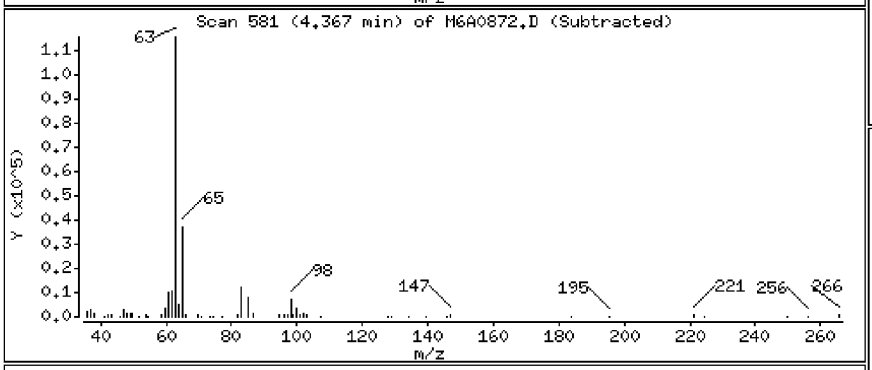
Sample Info: 350638612;3506386;1;

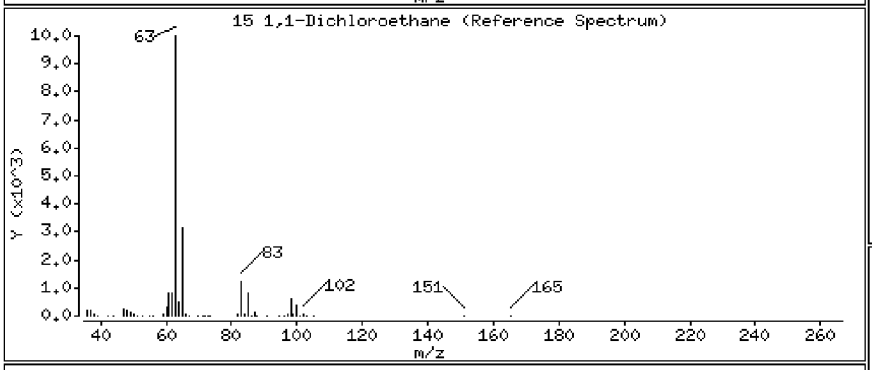
Purge Volume: 5.0 Operator: MST

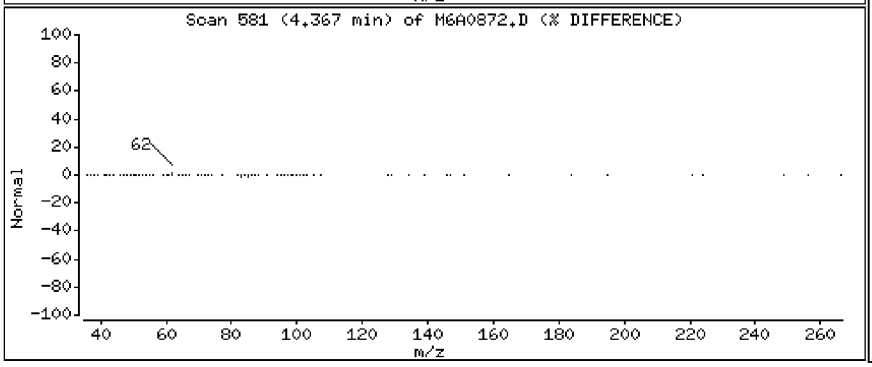
Column phase: DB-624 Column diameter: 0.18

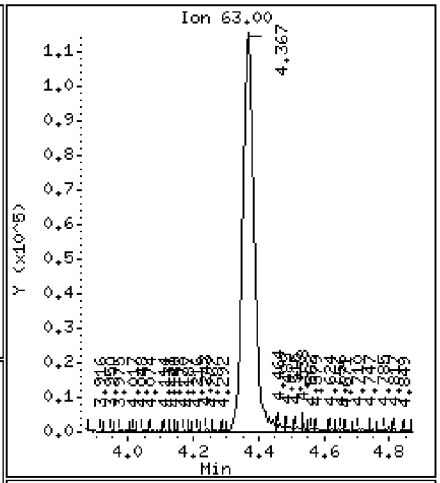
15 1,1-Dichloroethane Concentration: 8.31251 ug/L

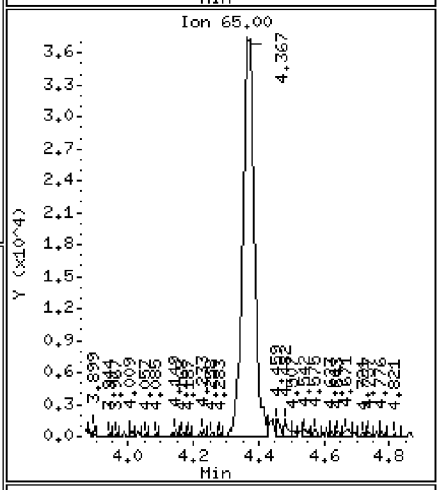


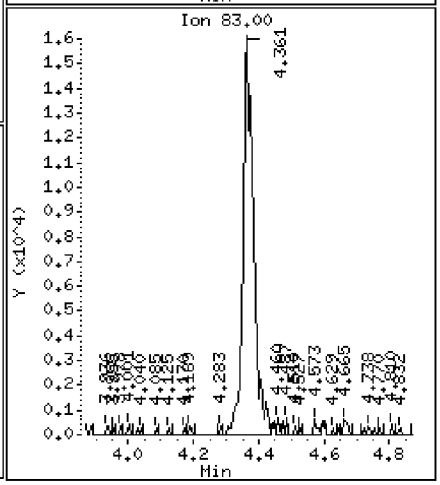



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D



Date : 28-JUN-2012 23:56

Client ID: F5YB3

Instrument: vms06.i

Sample Info: 350638612;3506386;1;

Purge Volume: 5.0

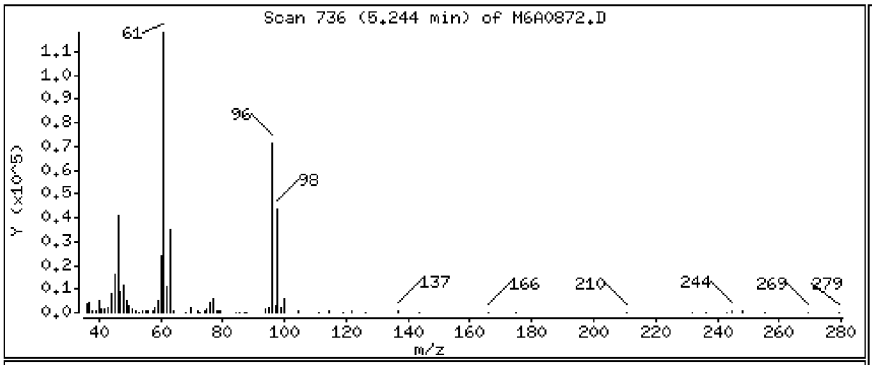
Operator: MST

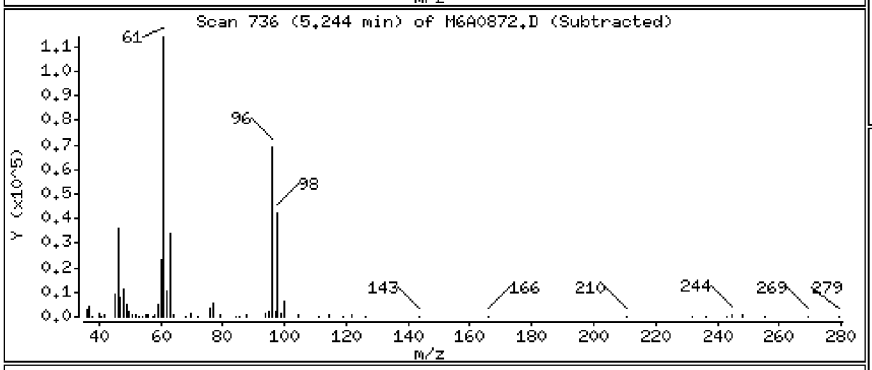
Column phase: DB-624

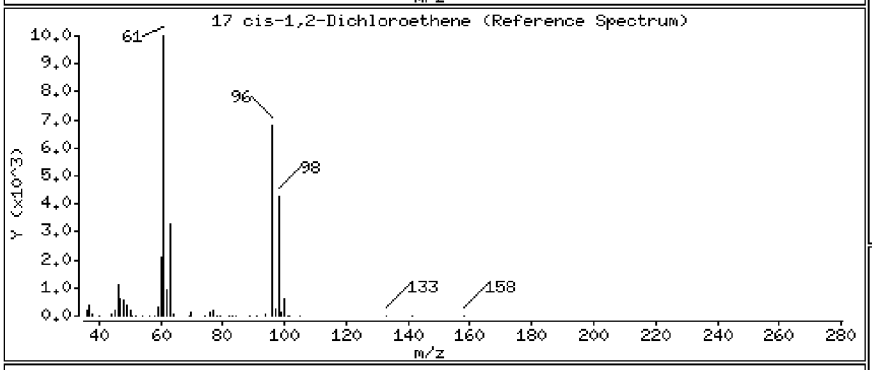
Column diameter: 0.18

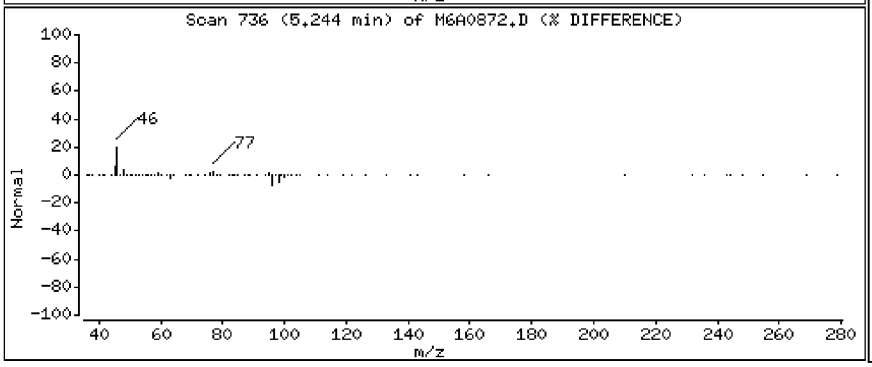
17 cis-1,2-Dichloroethene

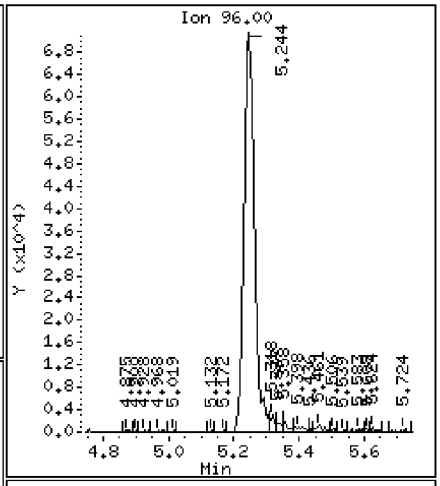
Concentration: 9.32080 ug/L

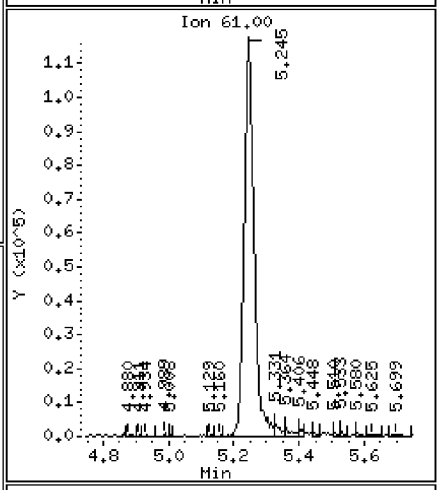


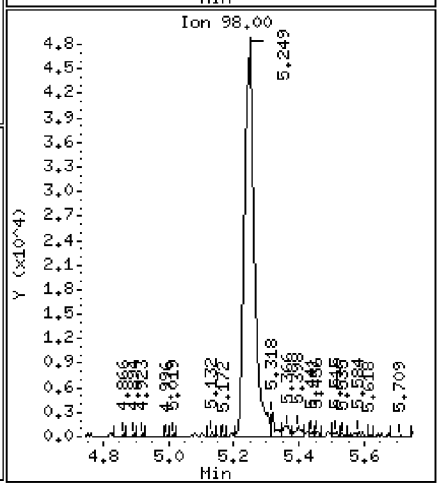



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D



Date : 28-JUN-2012 23:56

Client ID: F5YB3

Instrument: vms06.i

Sample Info: 350638612;3506386;1;

Purge Volume: 5.0

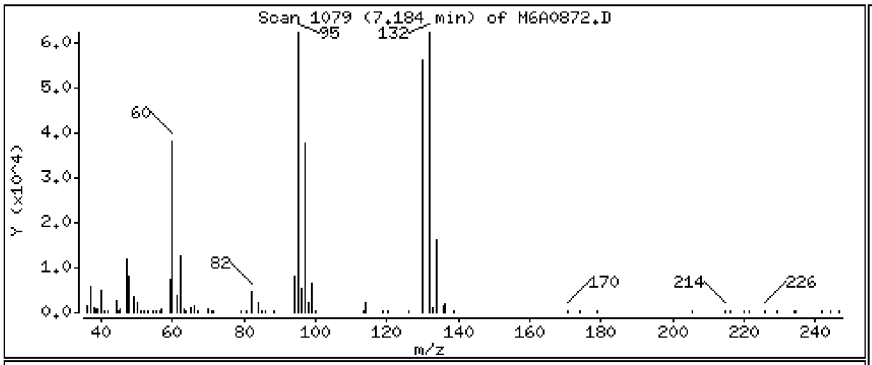
Operator: MST

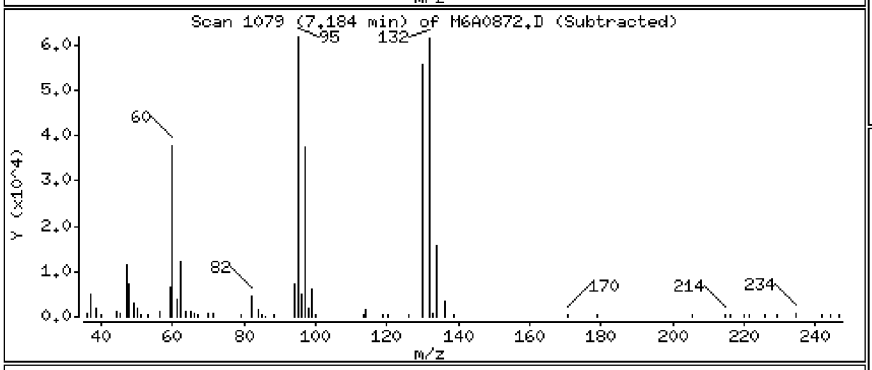
Column phase: DB-624

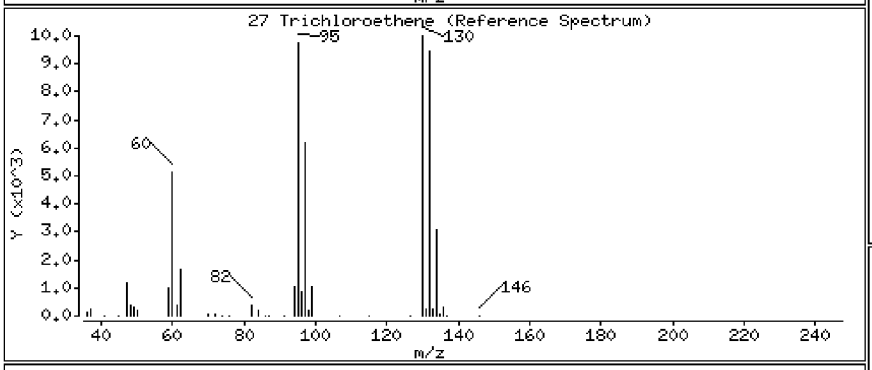
Column diameter: 0.18

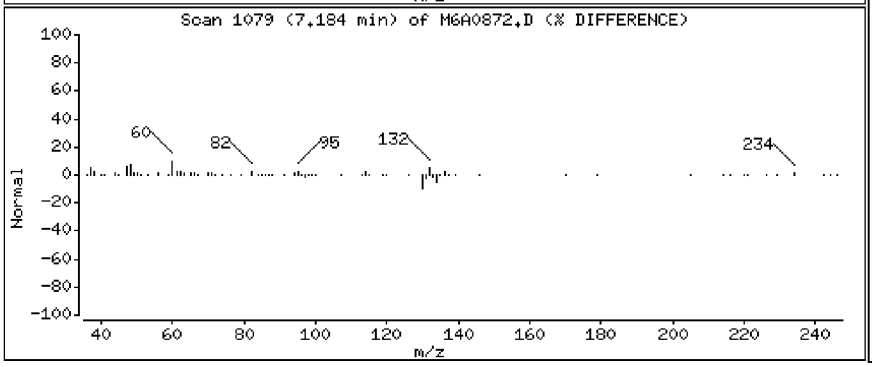
27 Trichloroethene

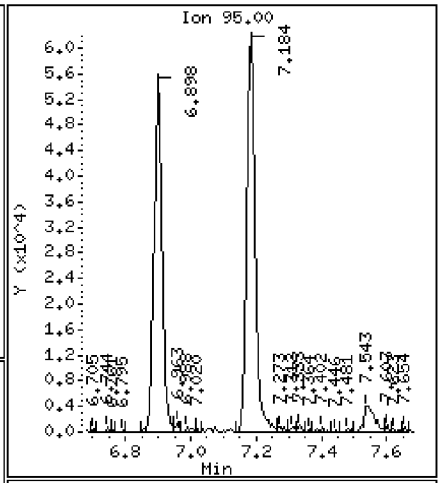
Concentration: 5.93878 ug/L

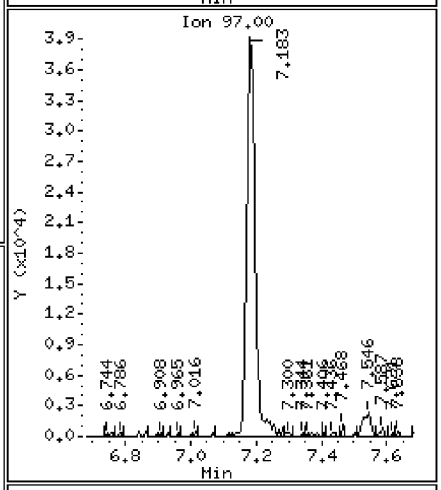


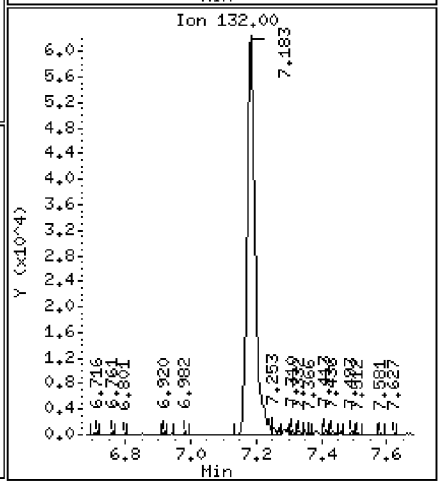



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0872.D



Date : 28-JUN-2012 23:56

Client ID: F5YB3

Instrument: vms06.i

Sample Info: 350638612;3506386;1;

Purge Volume: 5.0

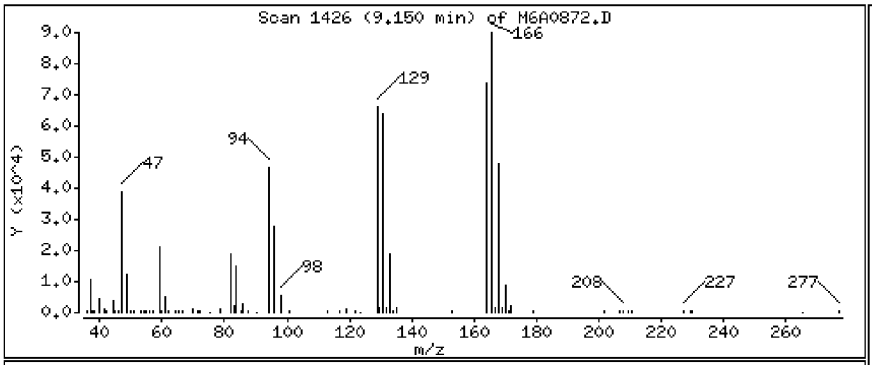
Operator: MST

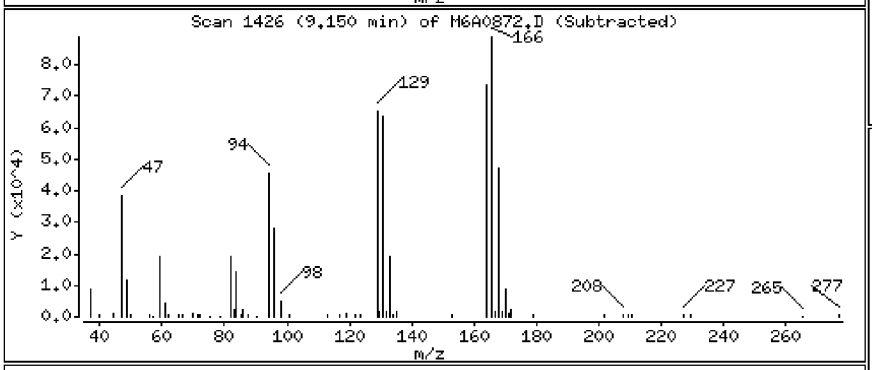
Column phase: DB-624

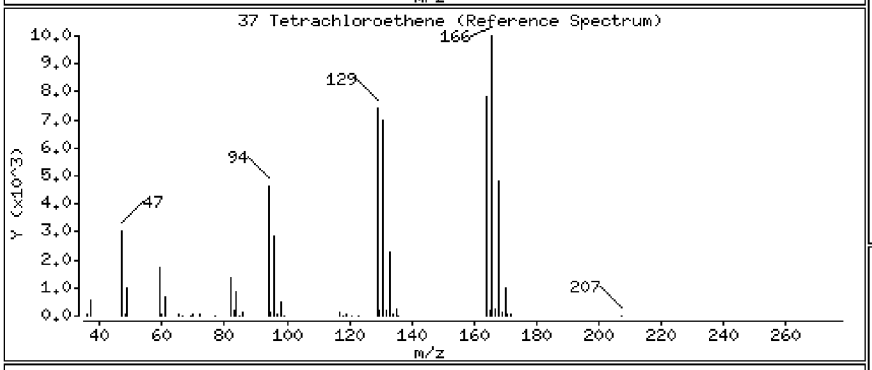
Column diameter: 0.18

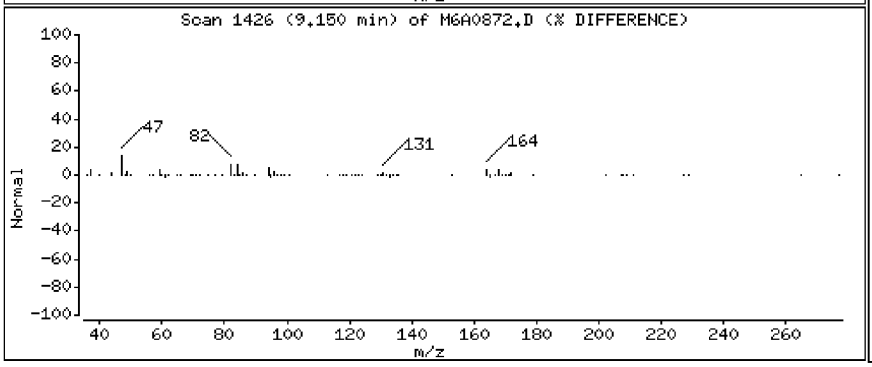
37 Tetrachloroethene

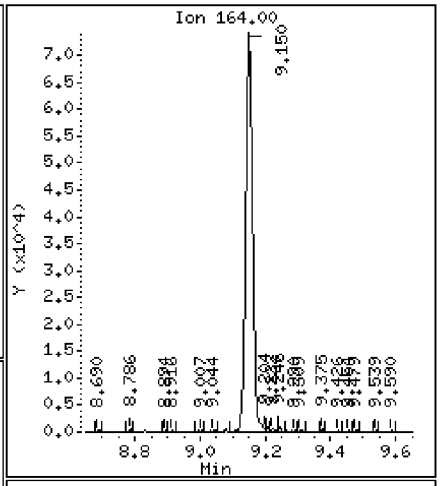
Concentration: 6.80286 ug/L

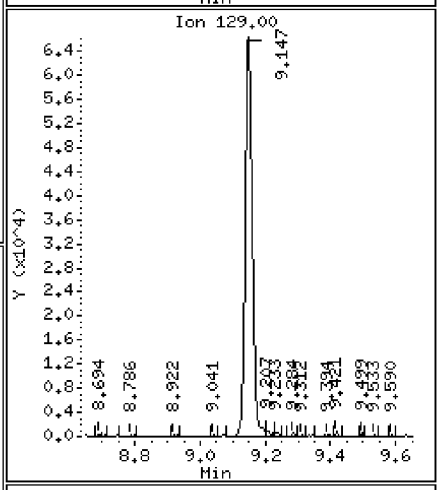


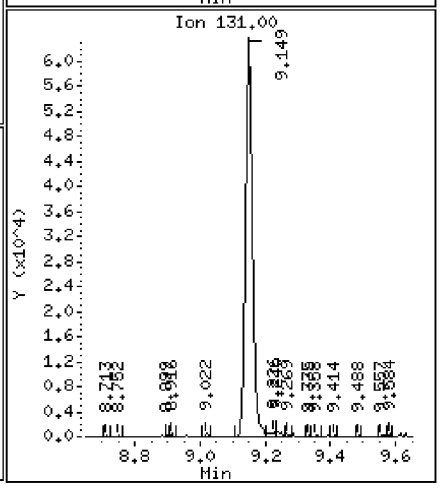



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB4

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638603
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0856.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/2012
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 28 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 11 | |
| 156-59-2 | cis-1,2-Dichloroethene | 29 | |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 1.8 | J |
| 123-91-1 | 1,4-Dioxane | 120 | |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB4

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638603

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0856.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 12 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 12 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB4

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638603
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0856.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D
Lab Smp Id: 350638603  Client Smp ID: F5YB4
Inj Date : 28-JUN-2012 17:36  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638603;3506386;1;
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.482 | 1.489 | (0.215) | 1550299 | 51.5269 | 51.5269 |
| $ 80 Chloroethane-d5 | 69 | 1.863 | 1.869 | (0.270) | 1383463 | 49.5407 | 49.5406 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.684 | 2.692 | (0.389) | 1753854 | 41.6090 | 41.6090 |
| 7 1,1-Dichloroethene | 96 | 2.699 | 2.707 | (0.391) | 531754 | 27.8760 | 27.8760(Q) |
| 15 1,1-Dichloroethane | 63 | 4.362 | 4.370 | (0.633) | 412990 | 11.3102 | 11.3102(H) |
| $ 82 2-Butanone-d5 | 46 | 5.212 | 5.228 | (0.756) | 301670 | 137.396 | 137.396 |
| 17 cis-1,2-Dichloroethene | 96 | 5.241 | 5.248 | (0.760) | 530753 | 28.6724 | 28.6724 |
| $ 83 Chloroform-d | 84 | 5.682 | 5.689 | (0.824) | 1651503 | 48.2211 | 48.2211(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.317 | 6.323 | (0.916) | 946896 | 53.9704 | 53.9704 |
| $ 84 Benzene-d6 | 84 | 6.346 | 6.349 | (0.636) | 3838409 | 51.1640 | 51.1640 |
| 24 1,2-Dichloroethane | 62 | 6.422 | 6.415 | (0.931) | 42915 | 1.81310 | 1.81310 |
| * 26 1,4-Difluorobenzene | 114 | 6.897 | 6.899 | (1.000) | 2932872 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.180 | 7.181 | (0.719) | 252325 | 12.1057 | 12.1056 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.313 | 7.316 | (0.733) | 1085813 | 51.2113 | 51.2113 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.534 | 7.539 | (1.092) | 84114 | 1461.89 | 1461.89(Q) |
| 93 1,4-Dioxane | 88 | 7.600 | 7.595 | (1.102) | 9369 | 118.292 | 118.292(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3637507 | 51.6744 | 51.6744 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.782 | 8.784 | (0.880) | 816243 | 51.3779 | 51.3779 |
| 37 Tetrachloroethene | 164 | 9.151 | 9.150 | (0.917) | 211584 | 12.0959 | 12.0959 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 274426 | 102.701 | 102.701 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2525973 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 652352 | 51.9965 | 51.9965 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1030207 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 922777 | 52.3330 | 52.3330 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

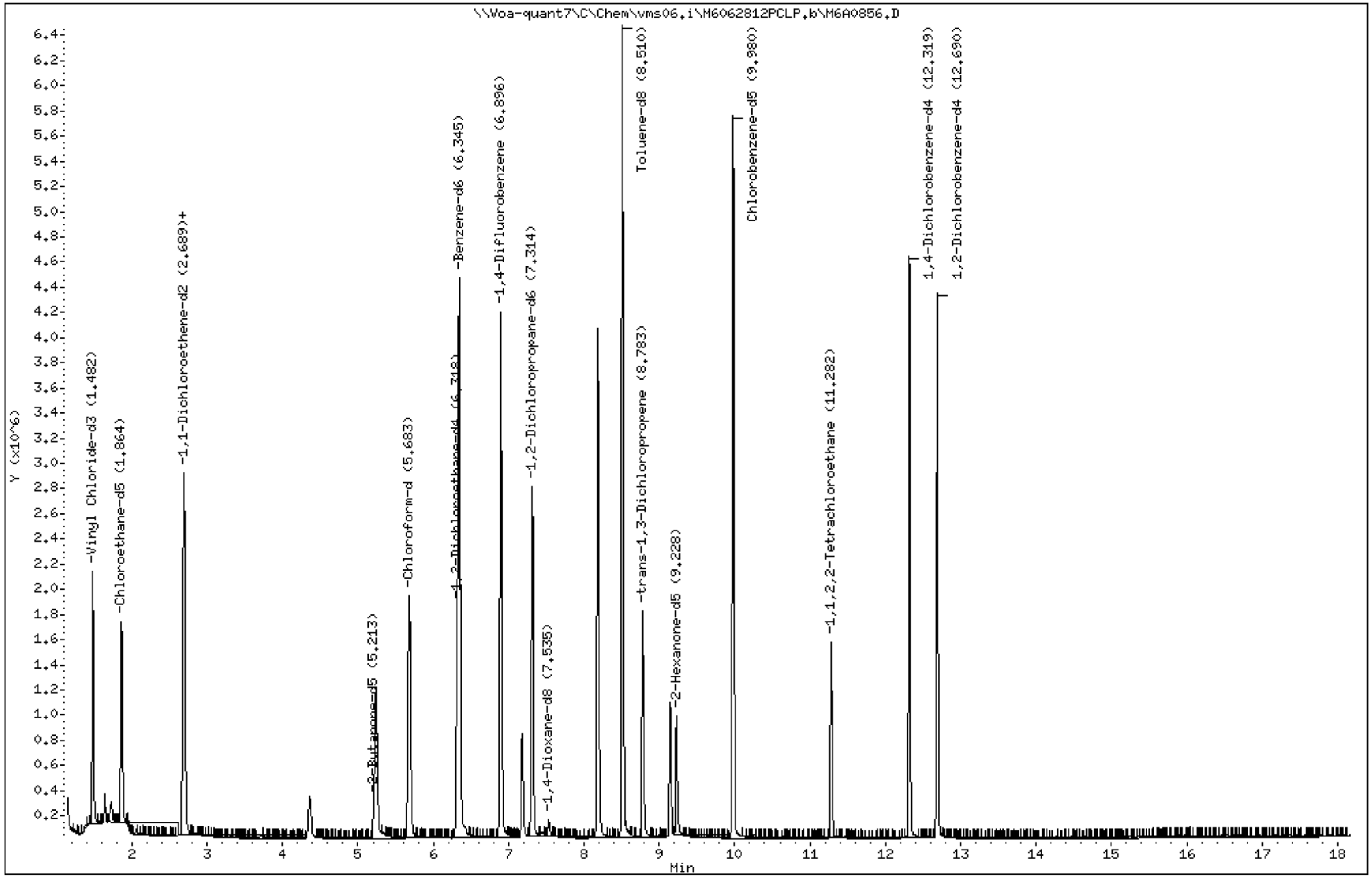
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D
Lab Smp Id: 350638603  Client Smp ID: F5YB4
Inj Date  : 28-JUN-2012 17:36  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638603;3506386;1;
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D
Date : 28-JUN-2012 17:36
Client ID: F5YB4
Sample Info: 350638603;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D 

Date : 28-JUN-2012 17:36

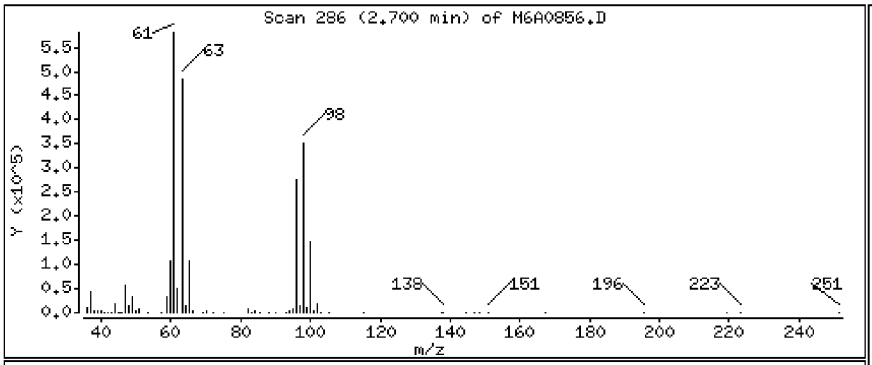
Client ID: F5YB4 Instrument: vms06.i

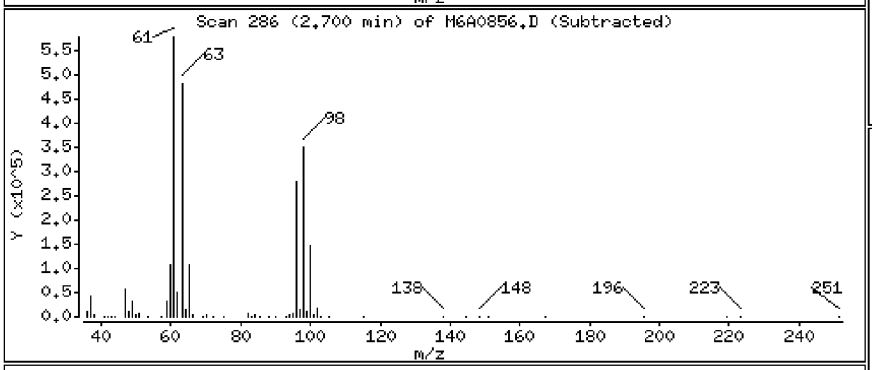
Sample Info: 350638603;3506386;1;

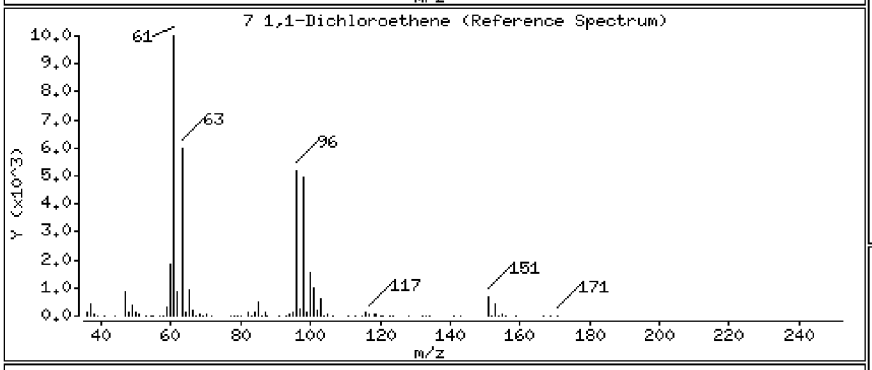
Purge Volume: 5.0 Operator: MST

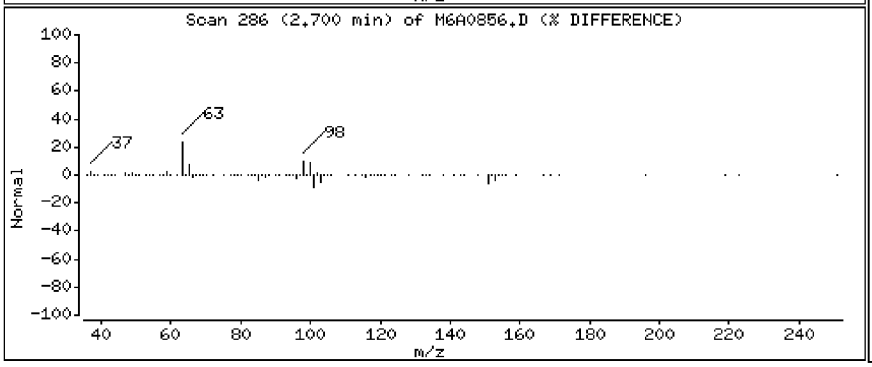
Column phase: DB-624 Column diameter: 0.18

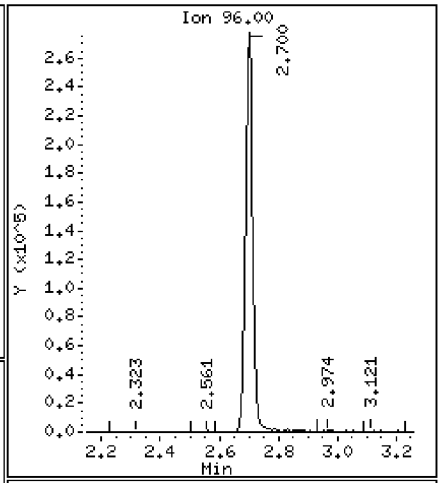
7 1,1-Dichloroethene Concentration: 27.8760 ug/L

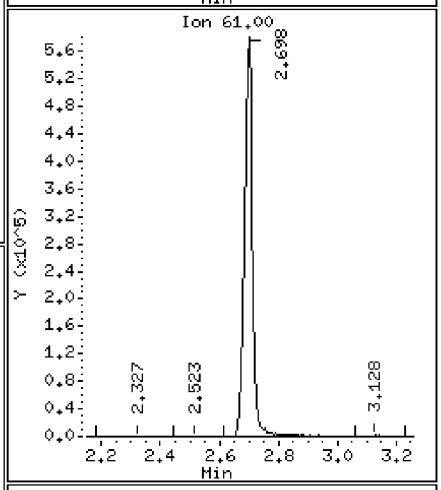


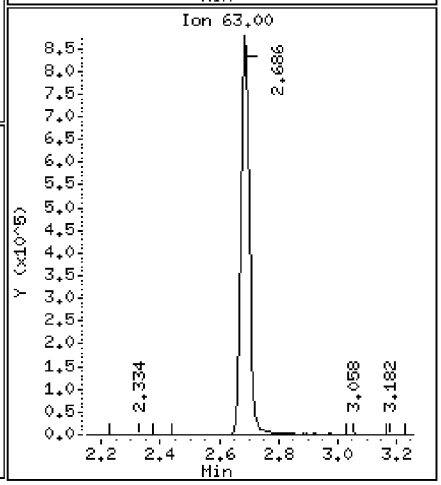



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D



Date : 28-JUN-2012 17:36

Client ID: F5YB4

Instrument: vms06.i

Sample Info: 350638603;3506386;1;

Purge Volume: 5.0

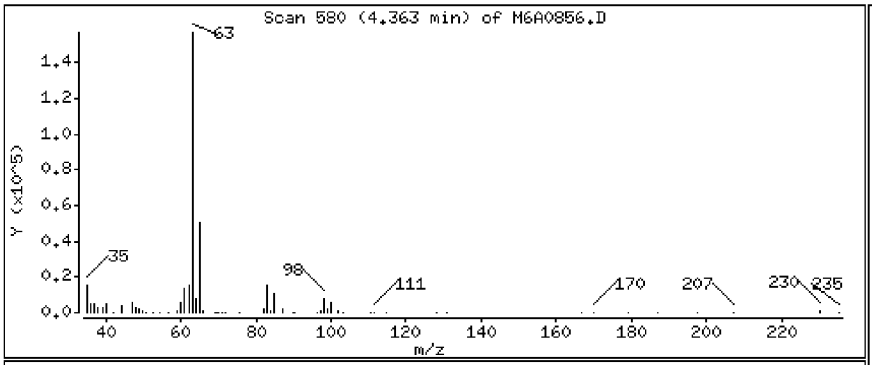
Operator: MST

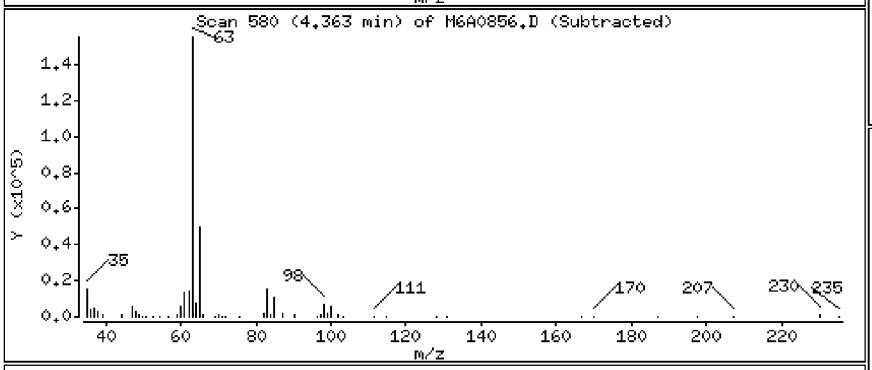
Column phase: DB-624

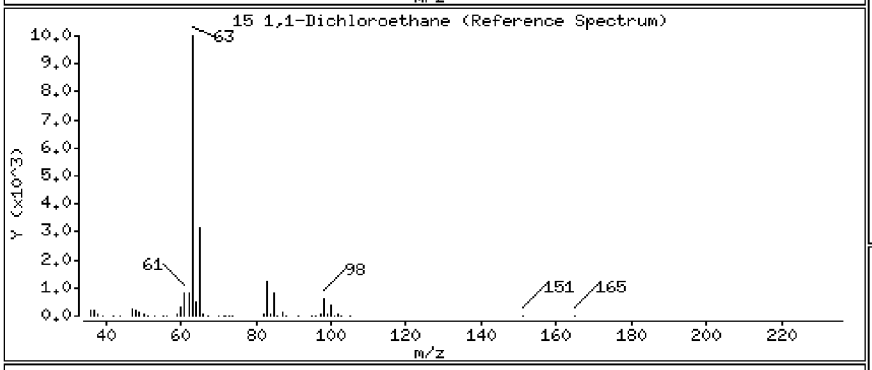
Column diameter: 0.18

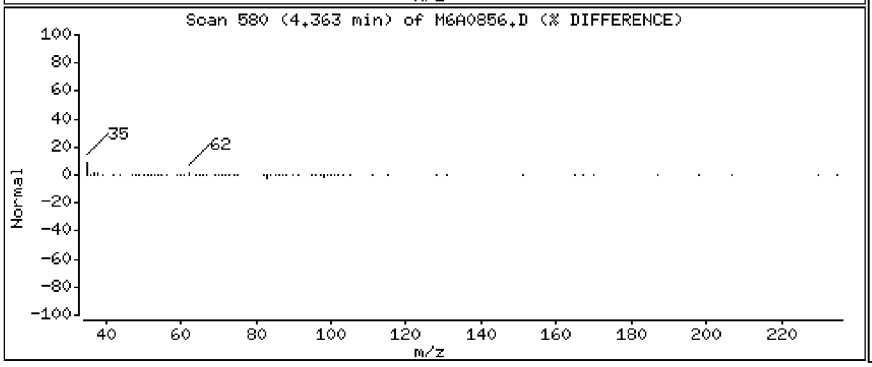
15 1,1-Dichloroethane

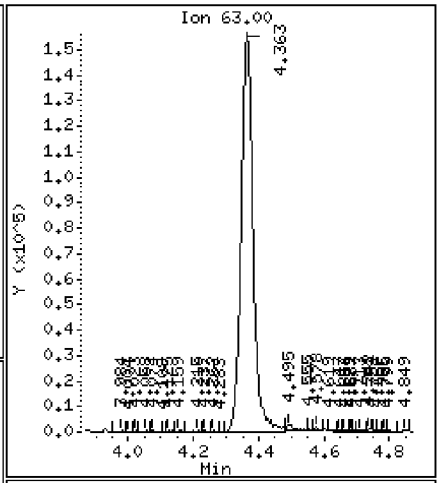
Concentration: 11.3102 ug/L

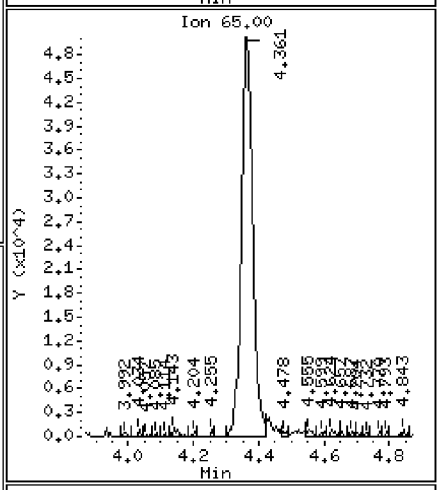


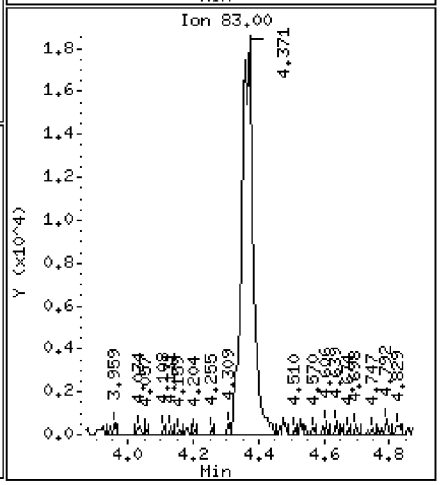



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D 

Date : 28-JUN-2012 17:36

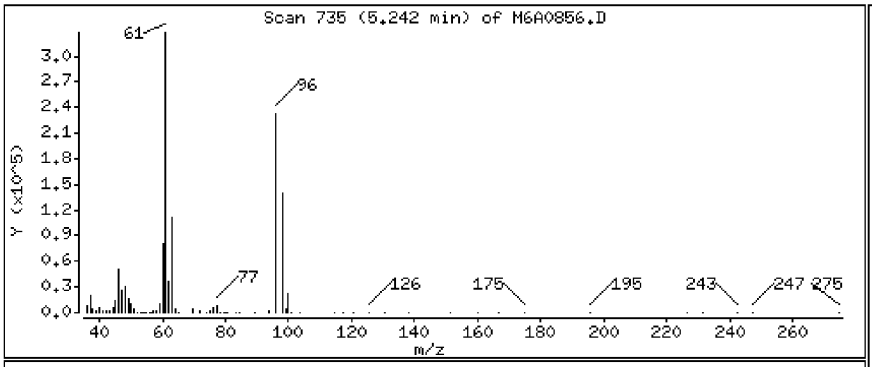
Client ID: F5YB4 Instrument: vms06.i

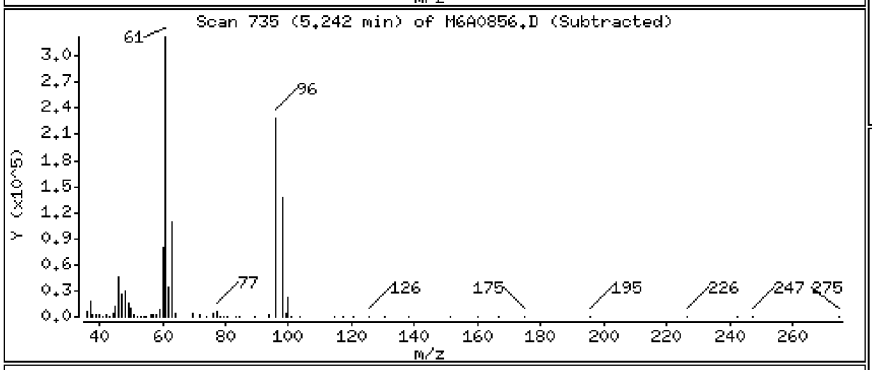
Sample Info: 350638603;3506386;1;

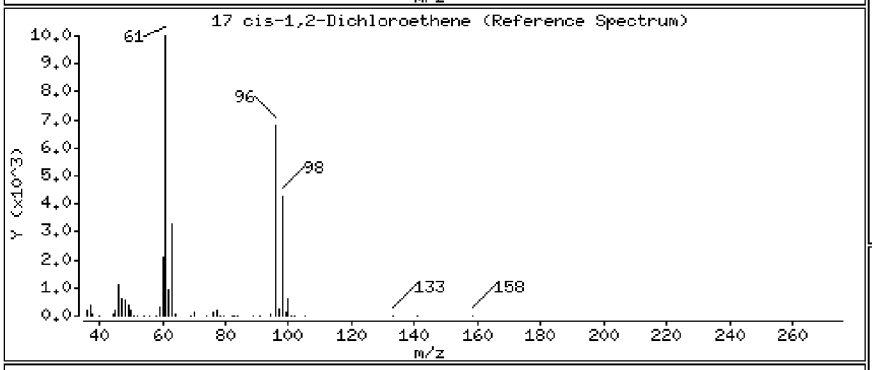
Purge Volume: 5.0 Operator: MST

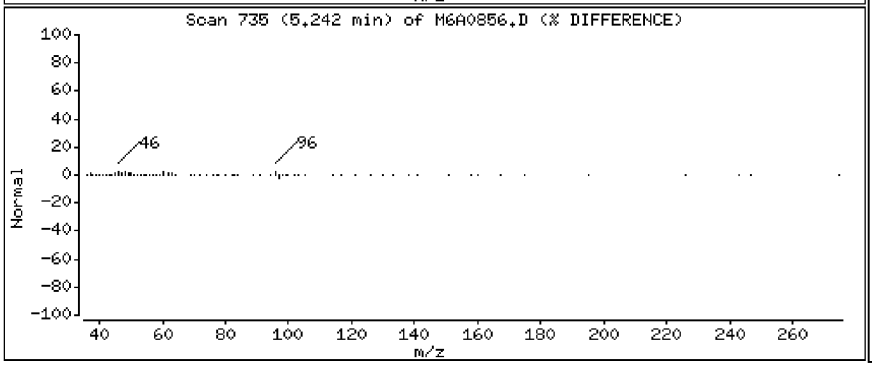
Column phase: DB-624 Column diameter: 0.18

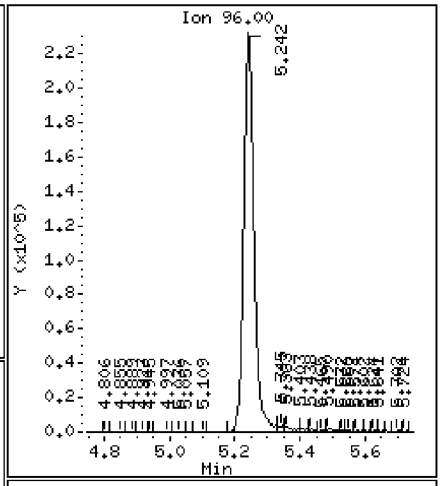
17 cis-1,2-Dichloroethene Concentration: 28.6724 ug/L

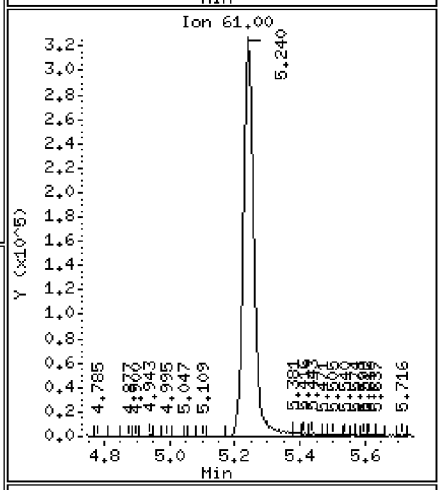


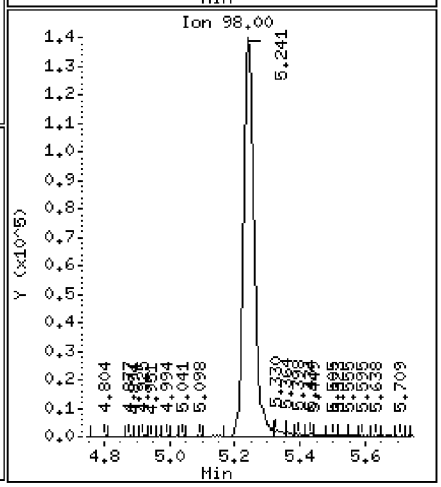



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D 

Date : 28-JUN-2012 17:36

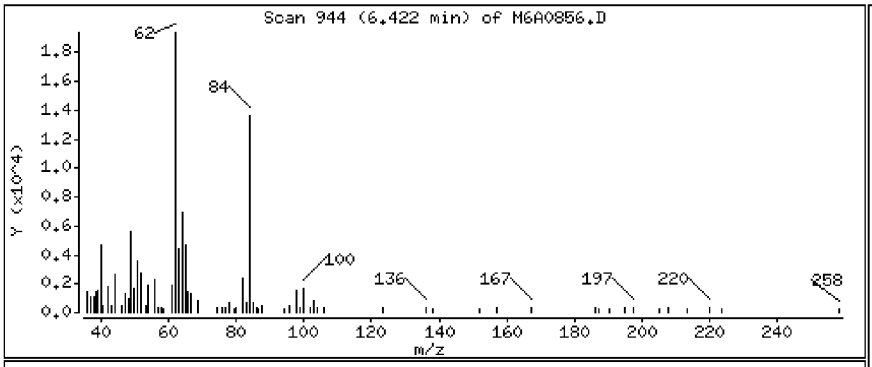
Client ID: F5YB4 Instrument: vms06.i

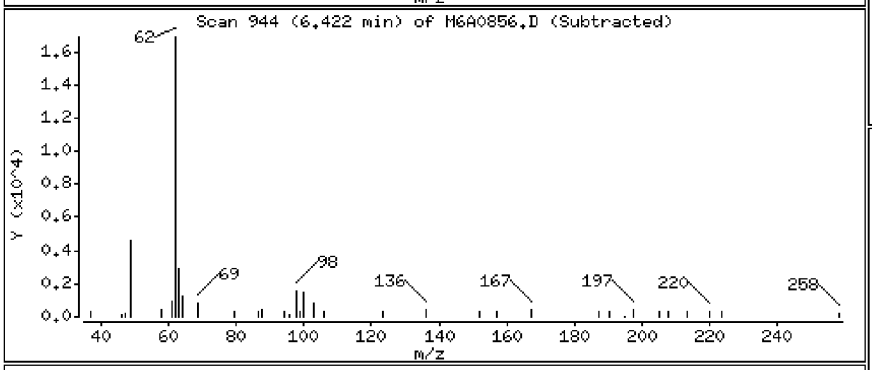
Sample Info: 350638603;3506386;1;

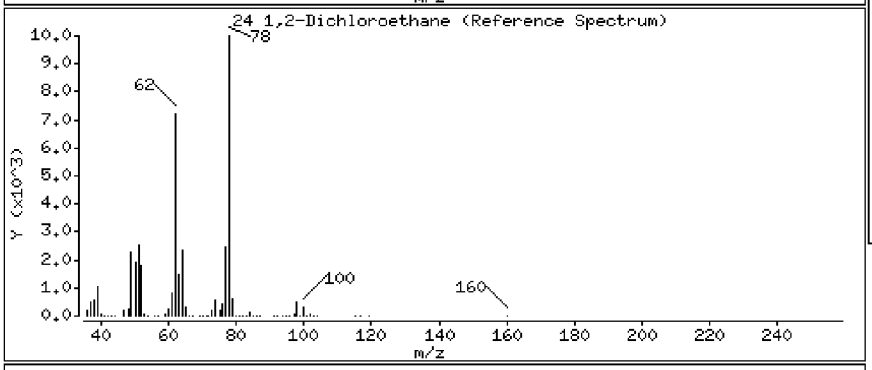
Purge Volume: 5.0 Operator: MST

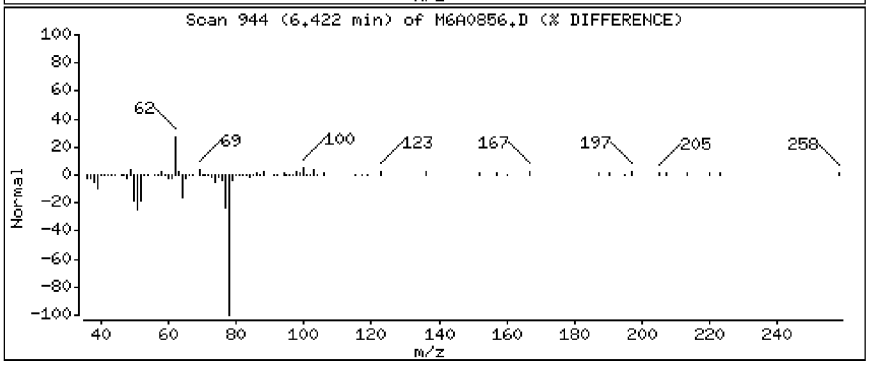
Column phase: DB-624 Column diameter: 0.18

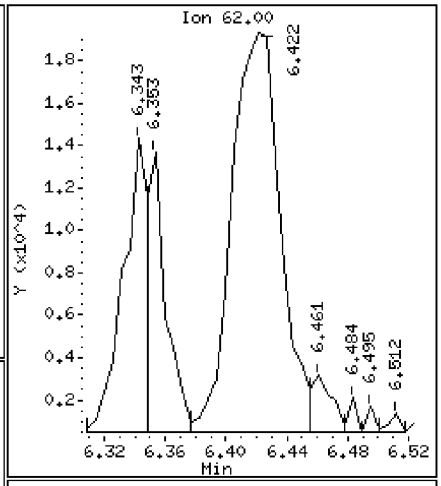
24 1,2-Dichloroethane Concentration: 1.81310 ug/L

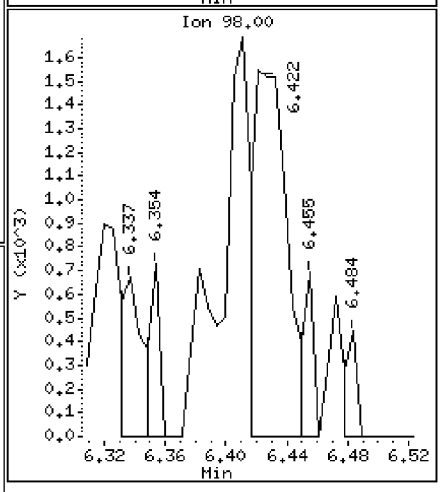


Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D



Date : 28-JUN-2012 17:36

Client ID: F5YB4

Instrument: vms06.i

Sample Info: 350638603;3506386;1;

Purge Volume: 5.0

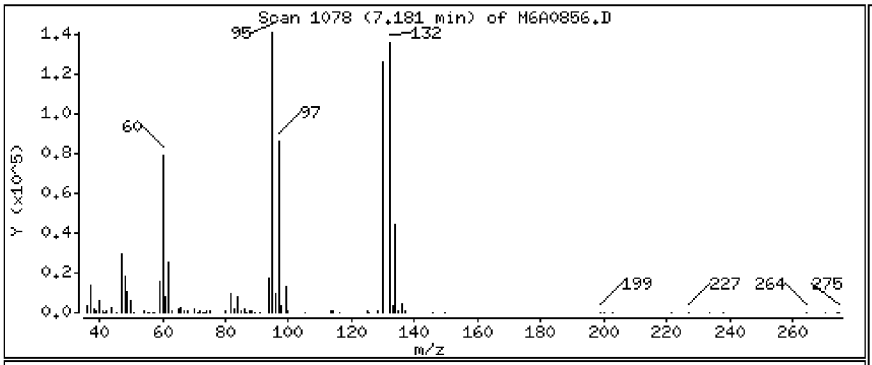
Operator: MST

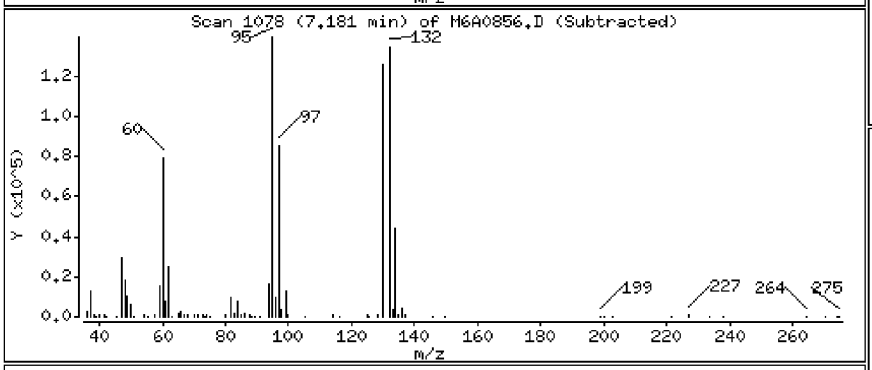
Column phase: DB-624

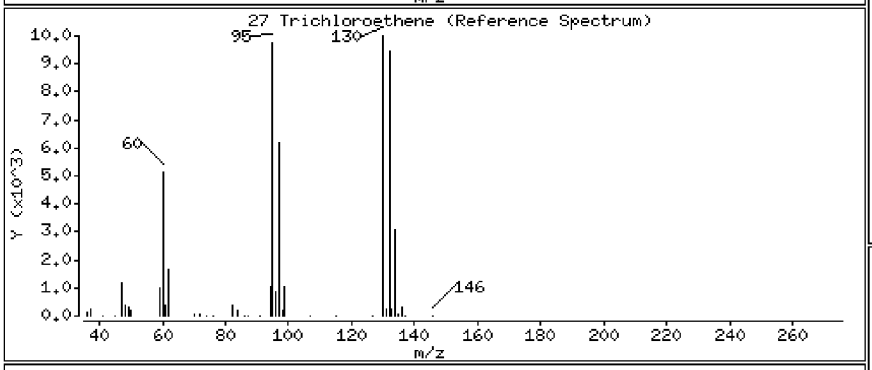
Column diameter: 0.18

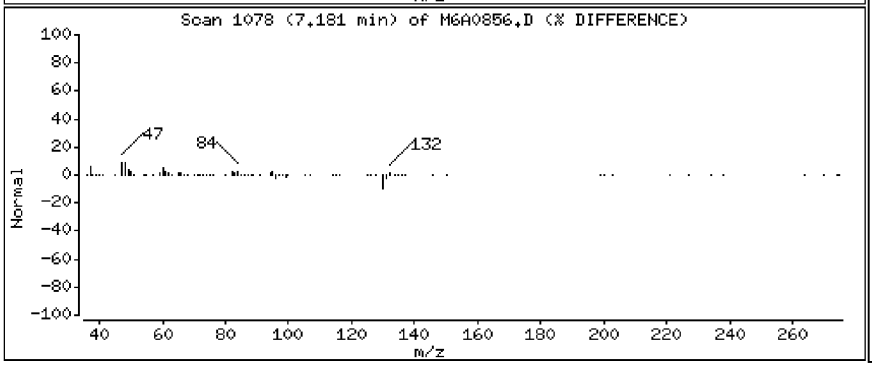
27 Trichloroethene

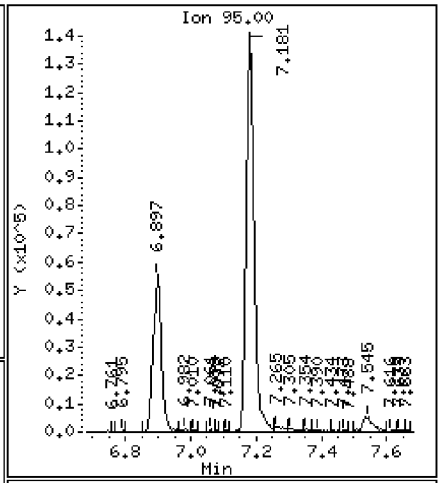
Concentration: 12.1056 ug/L

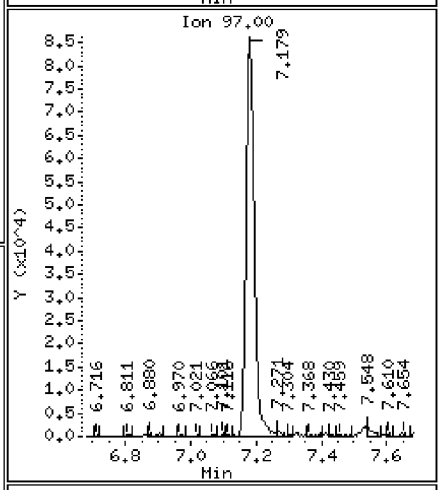


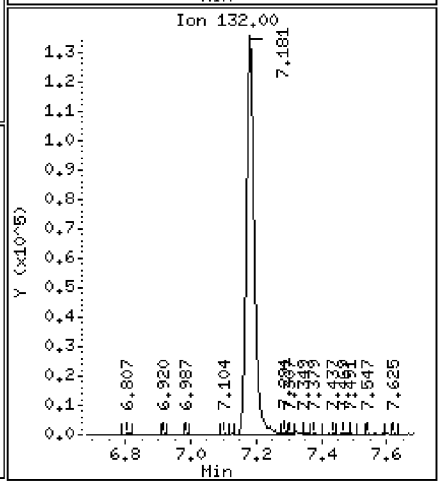



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D



Date : 28-JUN-2012 17:36

Client ID: F5YB4

Instrument: vms06.i

Sample Info: 350638603;3506386;1;

Purge Volume: 5.0

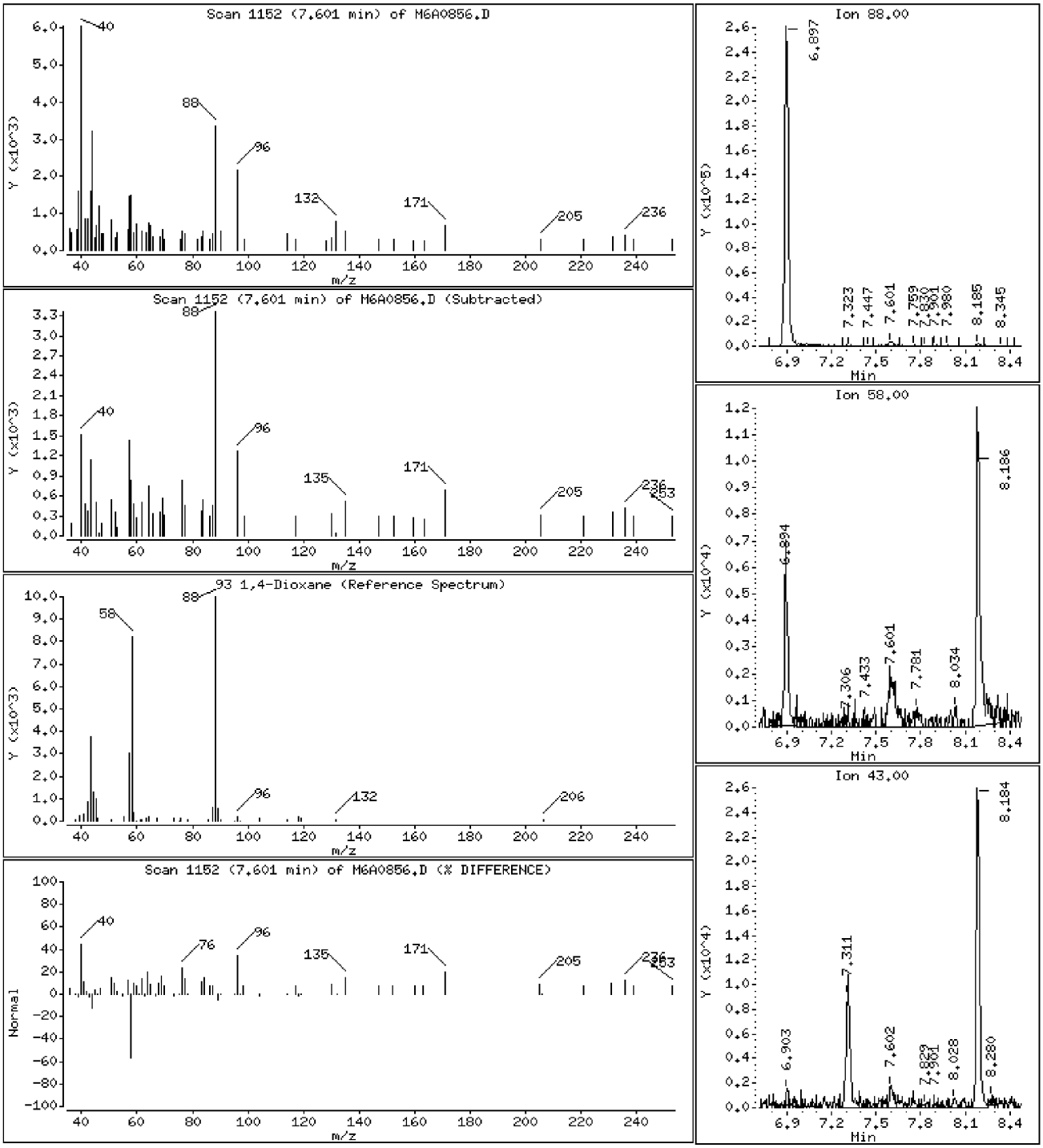
Operator: MST

Column phase: DB-624

Column diameter: 0.18

93 1,4-Dioxane

Concentration: 118.292 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0856.D



Date : 28-JUN-2012 17:36

Client ID: F5YB4

Instrument: vms06.i

Sample Info: 350638603;3506386;1;

Purge Volume: 5.0

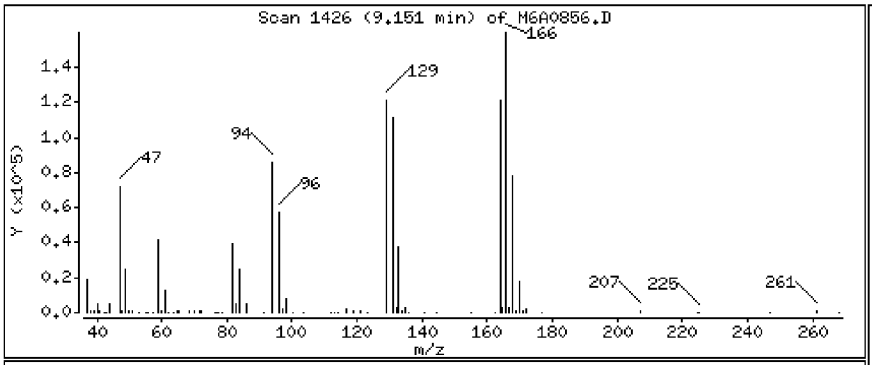
Operator: MST

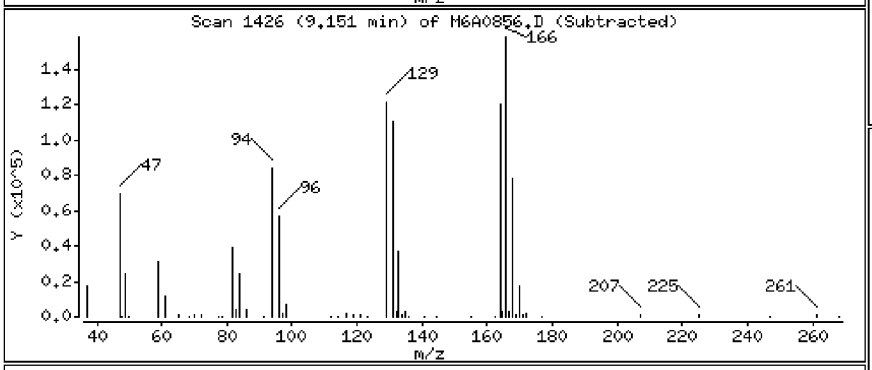
Column phase: DB-624

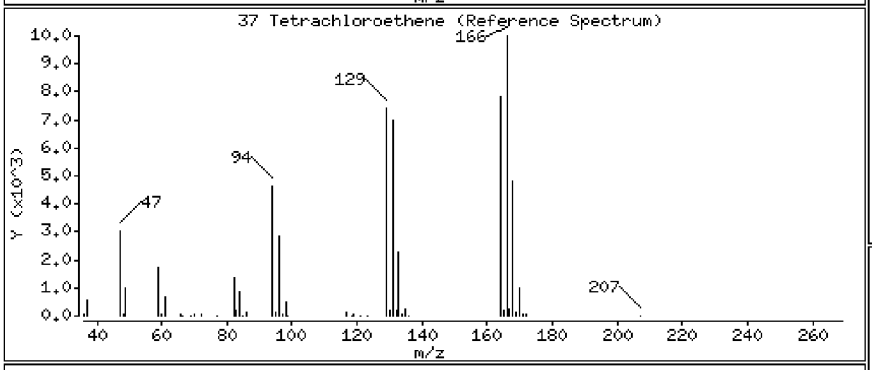
Column diameter: 0.18

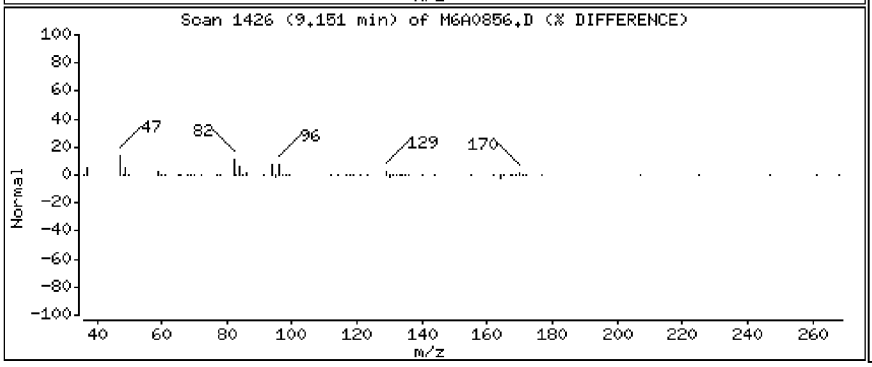
37 Tetrachloroethene

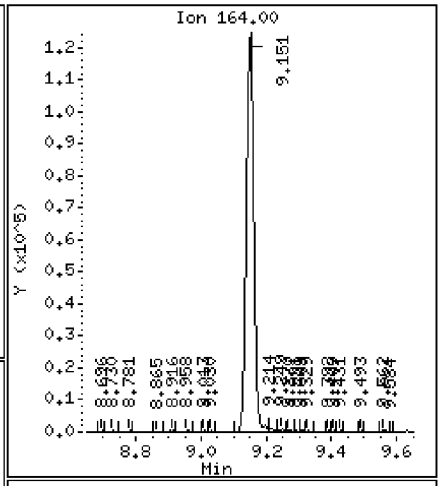
Concentration: 12.0959 ug/L

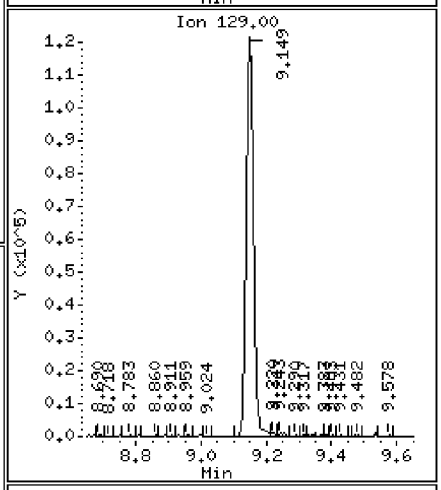


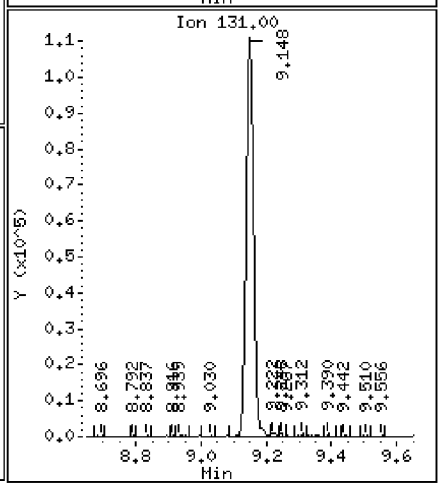



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB5

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638613
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0873.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 3.9 | J |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | J |
| 156-59-2 | cis-1,2-Dichloroethene | 2.3 | J |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 120 | |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB5

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638613

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0873.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 2.1 | J |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 2.8 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB5

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638613
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0873.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.65 | 17 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D
Lab Smp Id: 350638613  Client Smp ID: F5YB5
Inj Date  : 29-JUN-2012 00:22  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638613;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1433203 | 49.9526 | 49.9526 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1335791 | 50.1608 | 50.1608 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.689 | 2.692 | (0.390) | 1467494 | 36.5092 | 36.5092 |
| 7 1,1-Dichloroethene | 96 | 2.704 | 2.707 | (0.392) | 70498 | 3.87550 | 3.87550(QH) |
| 15 1,1-Dichloroethane | 63 | 4.365 | 4.370 | (0.633) | 172570 | 4.95596 | 4.95596 |
| $ 82 2-Butanone-d5 | 46 | 5.223 | 5.228 | (0.757) | 188215 | 89.8932 | 89.8932 |
| 17 cis-1,2-Dichloroethene | 96 | 5.254 | 5.248 | (0.762) | 40334 | 2.28493 | 2.28493 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1586430 | 48.5747 | 48.5747(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 879699 | 52.5798 | 52.5798 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3642138 | 51.8081 | 51.8081 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2796802 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.184 | 7.181 | (0.720) | 41618 | 2.13077 | 2.13077 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1032722 | 51.9783 | 51.9783 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.533 | 7.539 | (1.092) | 63685 | 1160.69 | 1160.69(Q) |
| 93 1,4-Dioxane | 88 | 7.605 | 7.595 | (1.102) | 9193 | 121.717 | 121.716 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3472351 | 52.6409 | 52.6409 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 778885 | 52.3188 | 52.3188 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 46458 | 2.83428 | 2.83428 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 230133 | 91.9085 | 91.9085 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2367015 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 585006 | 49.7600 | 49.7600 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 956397 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 856990 | 52.3529 | 52.3529 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D
Lab Smp Id: 350638613  Client Smp ID: F5YB5
Inj Date  : 29-JUN-2012 00:22  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638613;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

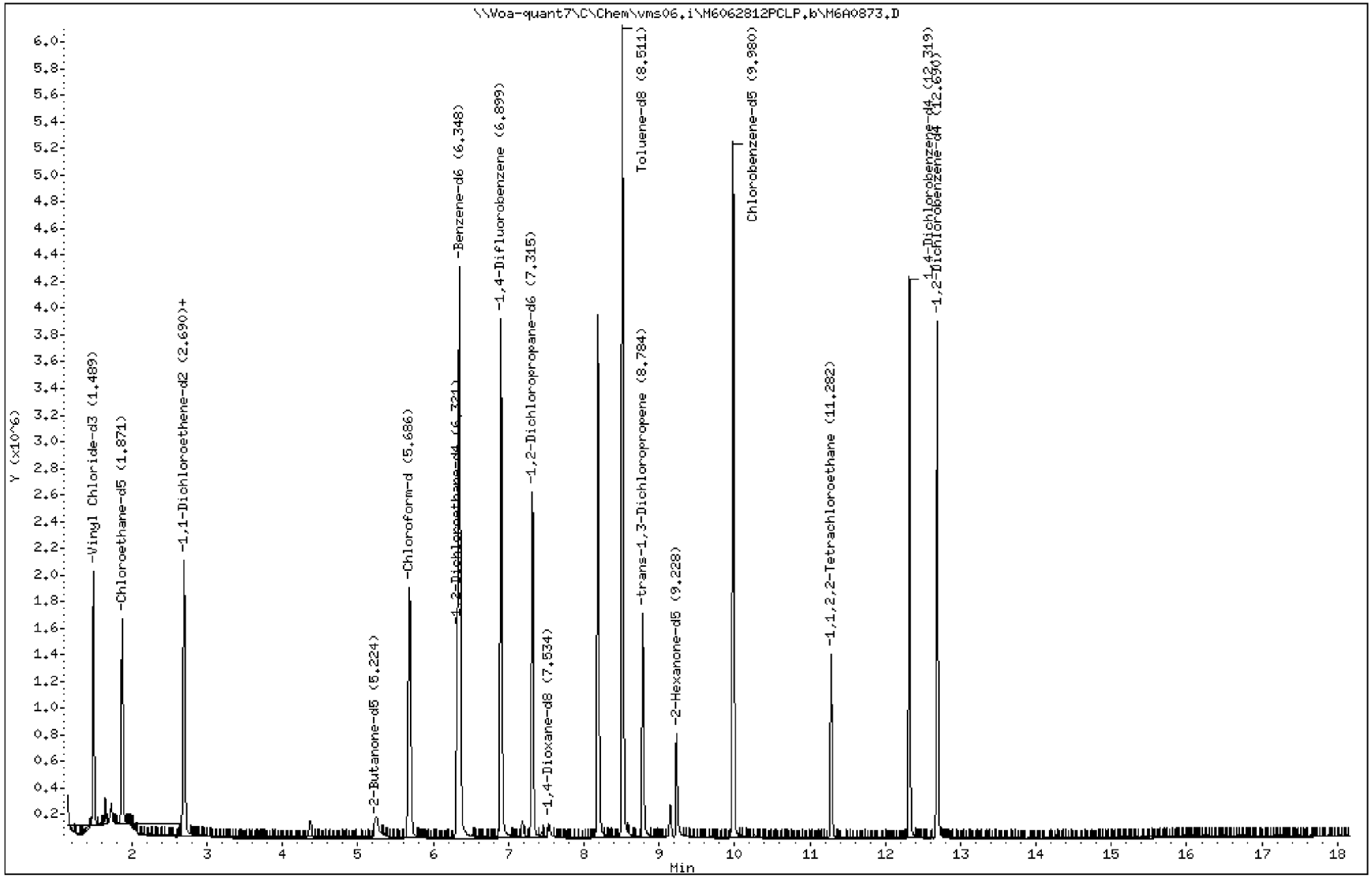
| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.899 | 9464492 | 50.000 |

| | CONCENTRATIONS | | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.650 | 3183135 | 16.8161935 | 16.8162 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D
Date : 29-JUN-2012 00:22
Client ID: F5YB5
Sample Info: 350638613;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

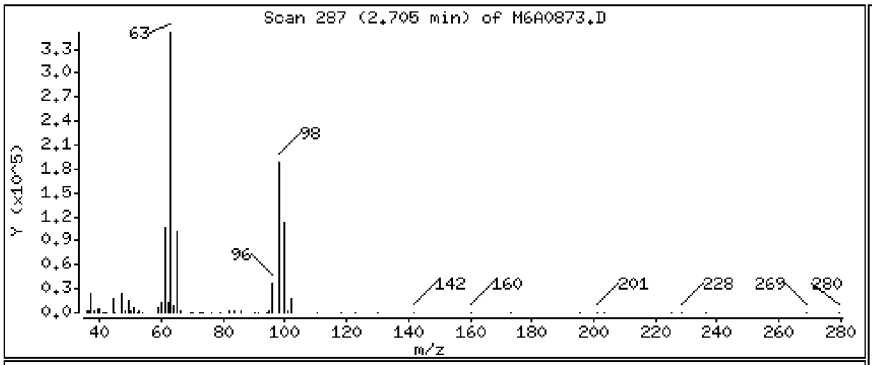
Operator: MST

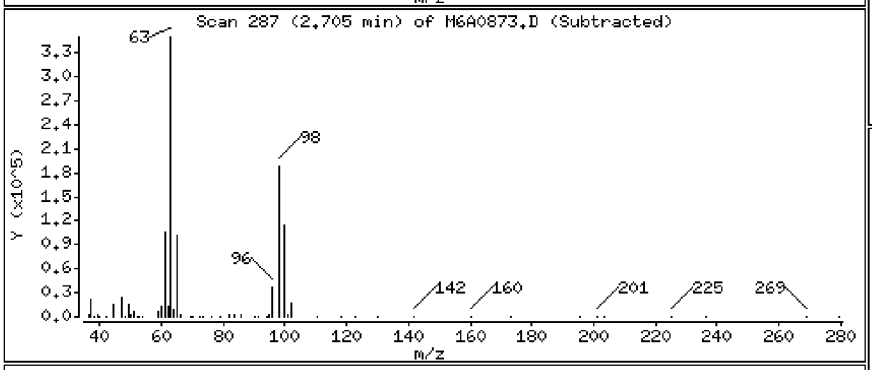
Column phase: DB-624

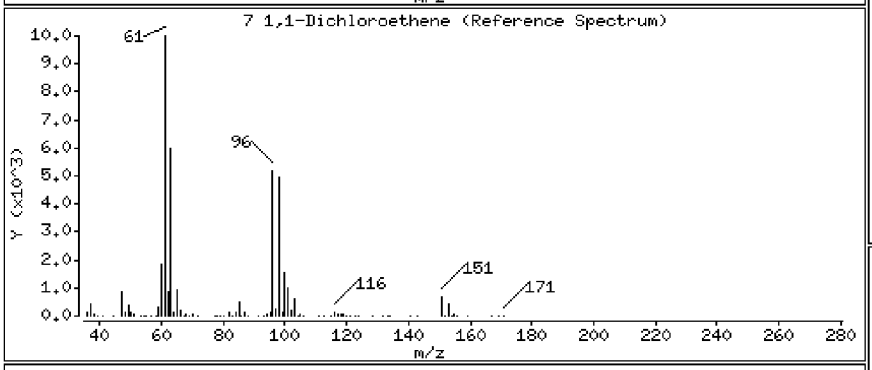
Column diameter: 0.18

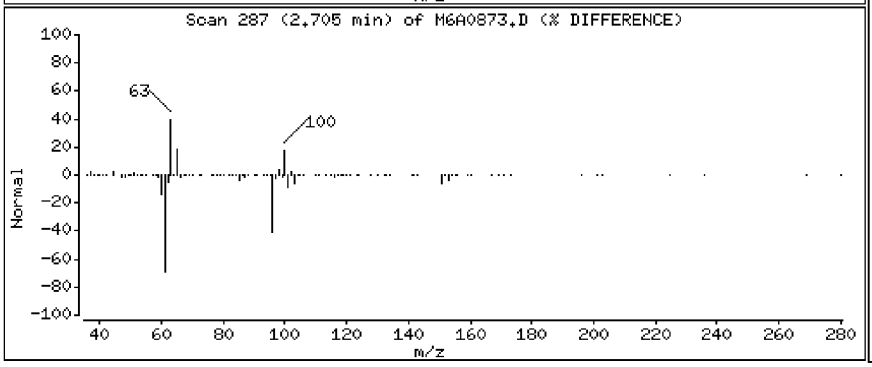
7 1,1-Dichloroethene

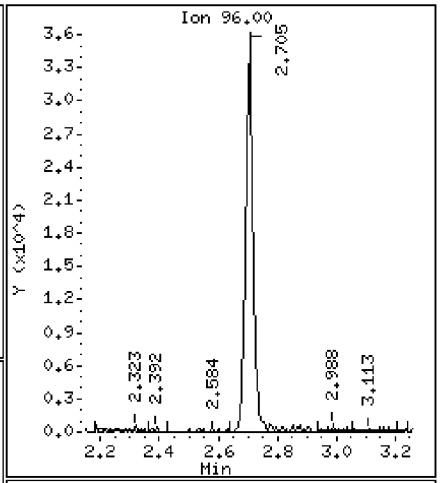
Concentration: 3.87550 ug/L

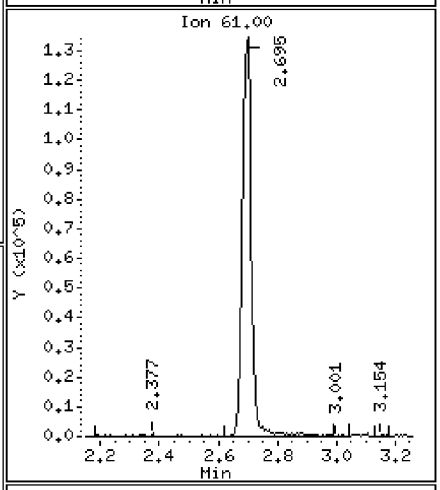


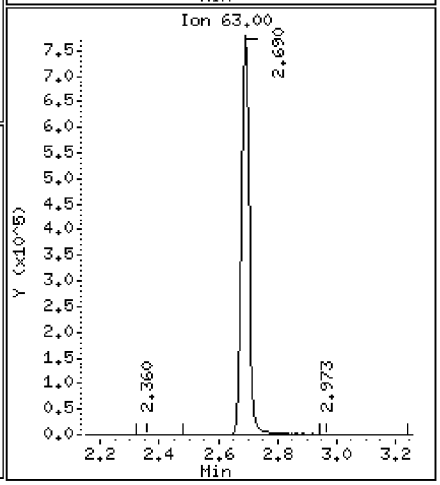



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

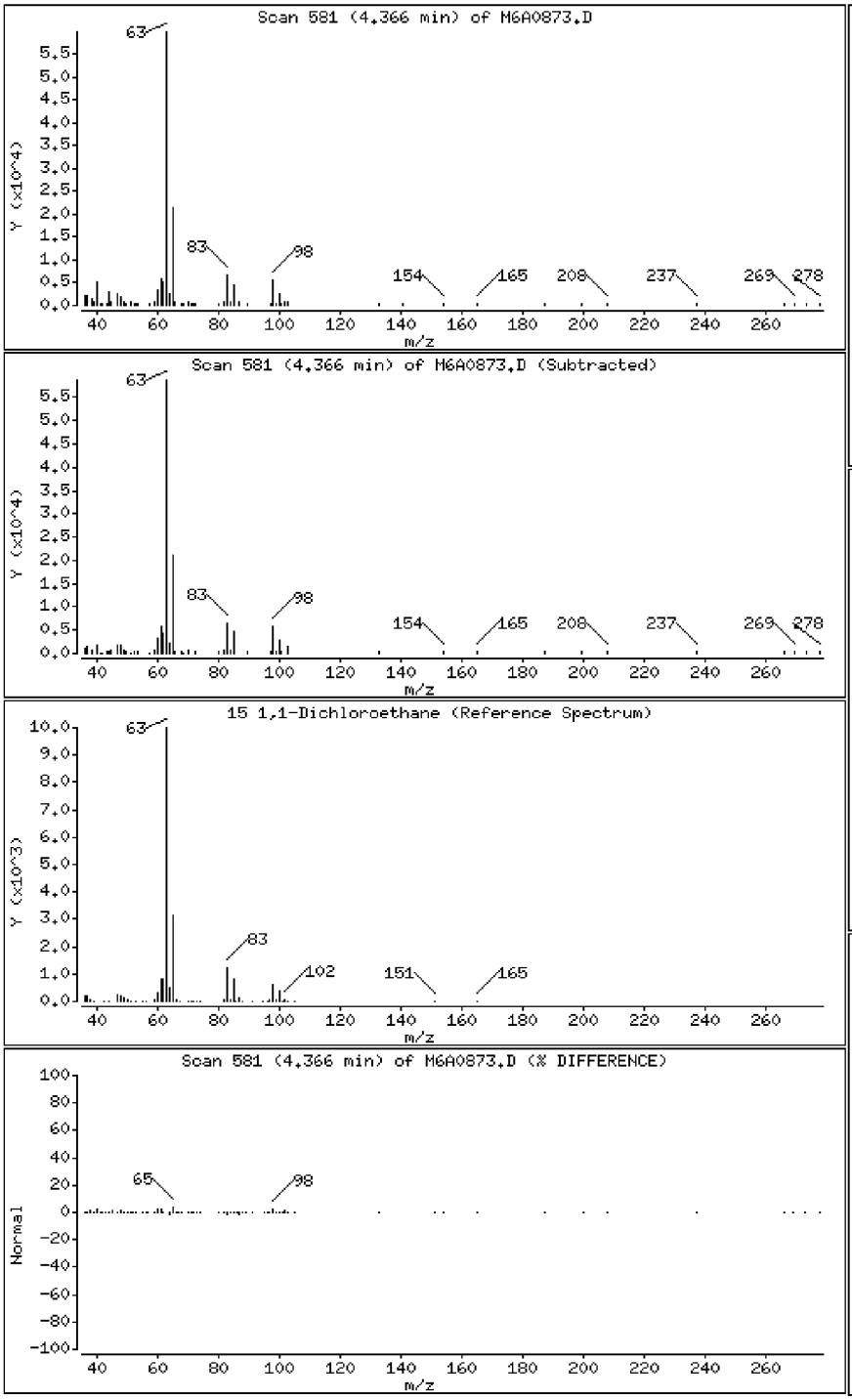
Operator: MST

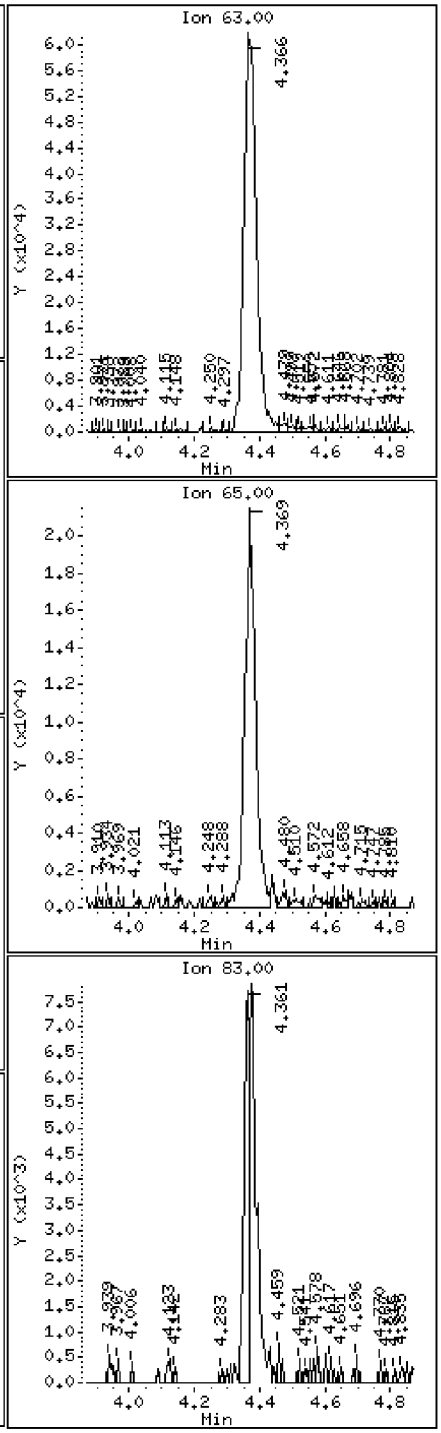
Column phase: DB-624

Column diameter: 0.18

15 1,1-Dichloroethane

Concentration: 4.95596 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

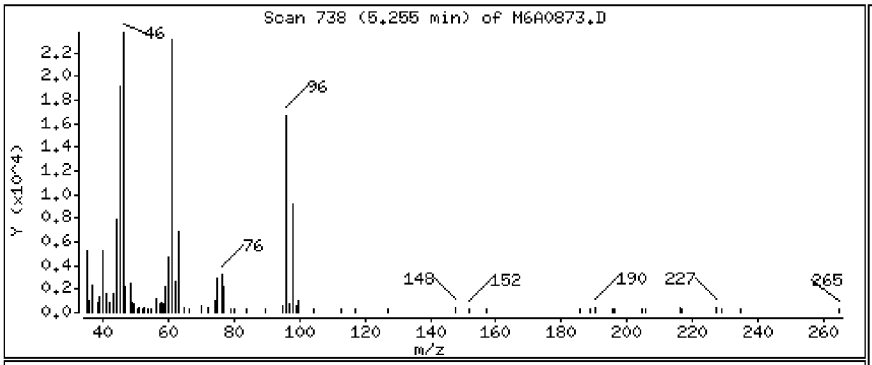
Operator: MST

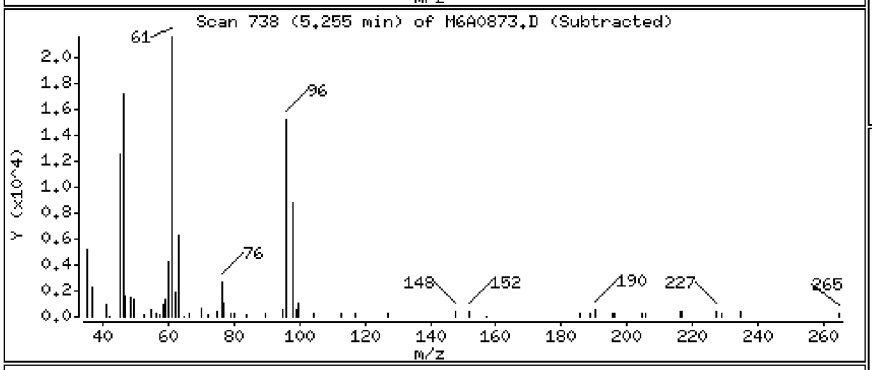
Column phase: DB-624

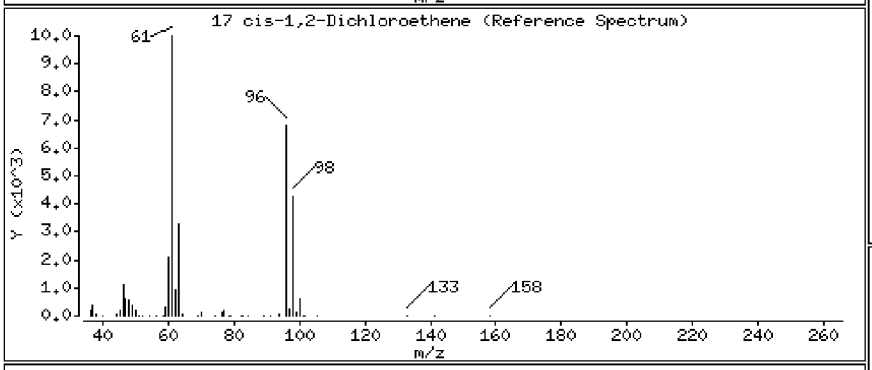
Column diameter: 0.18

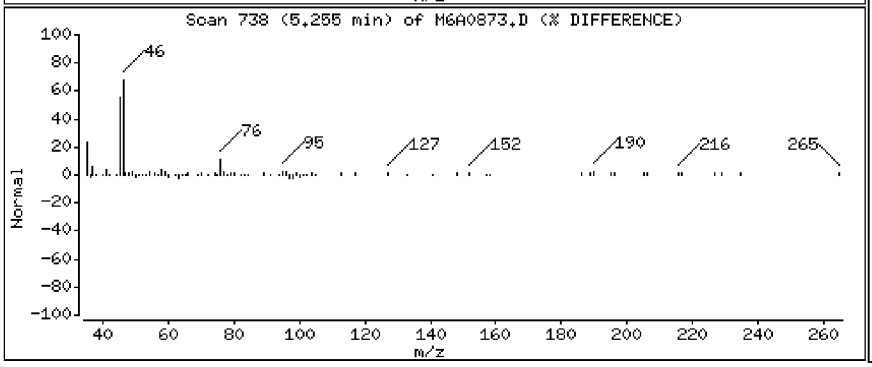
17 cis-1,2-Dichloroethene

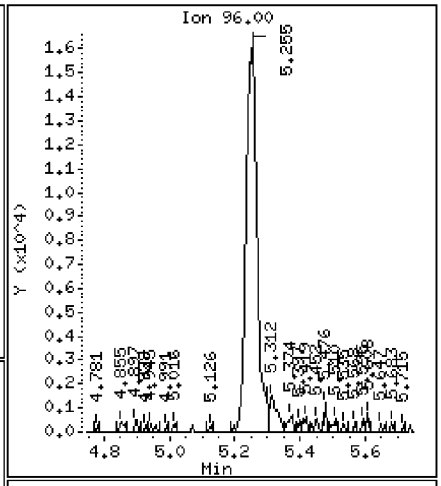
Concentration: 2.28493 ug/L

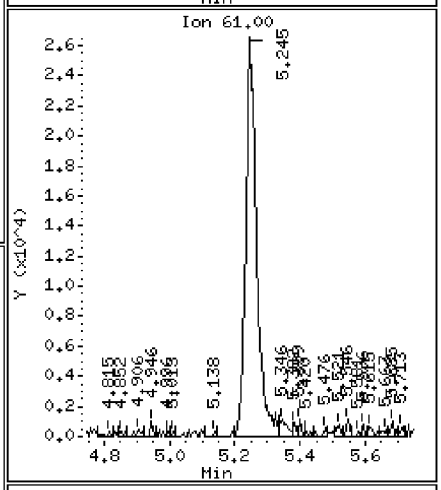


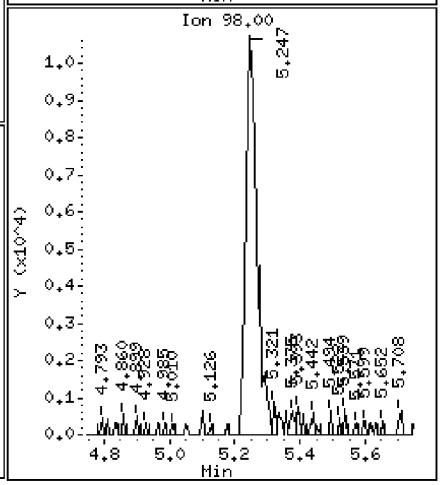



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

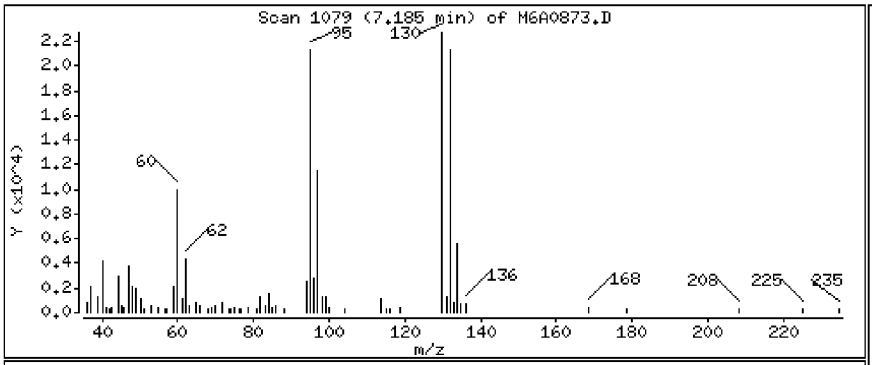
Operator: MST

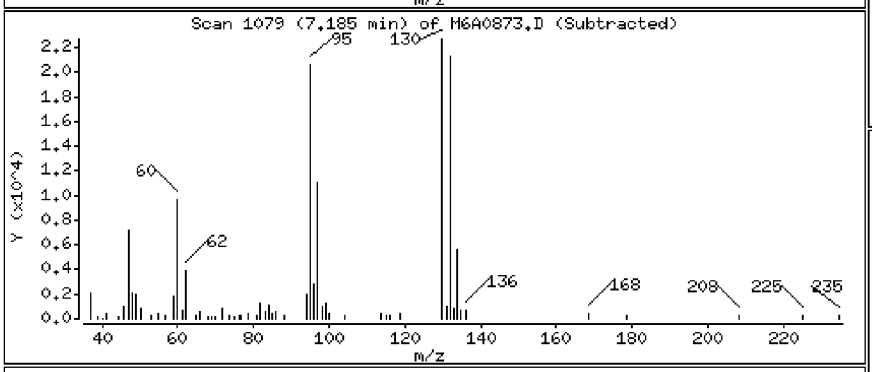
Column phase: DB-624

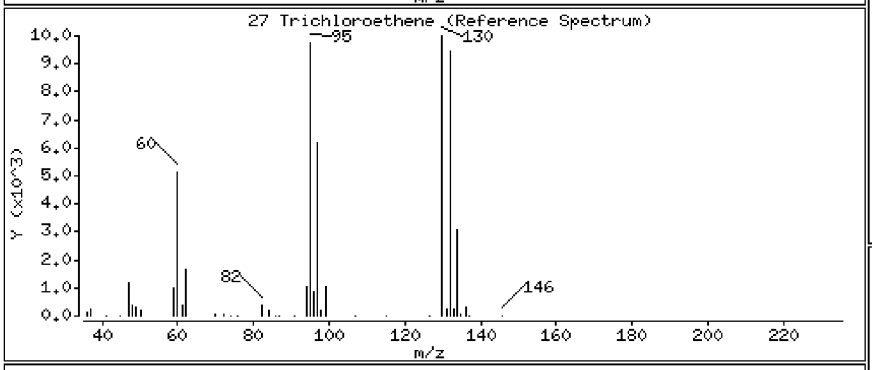
Column diameter: 0.18

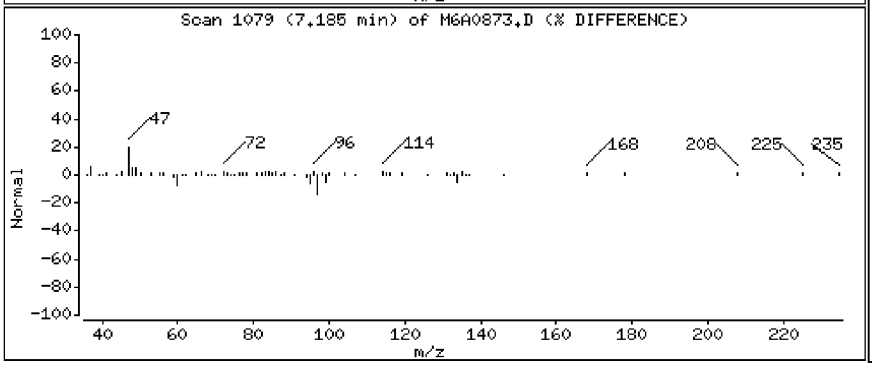
27 Trichloroethene

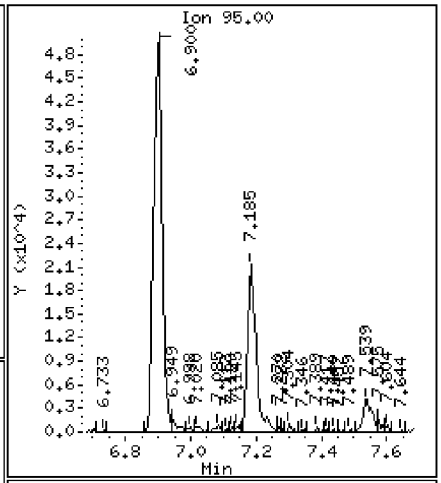
Concentration: 2.13077 ug/L

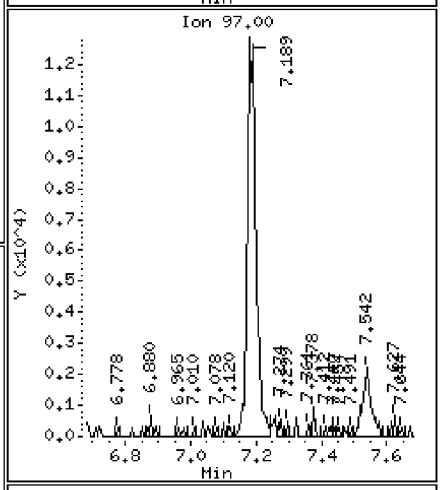


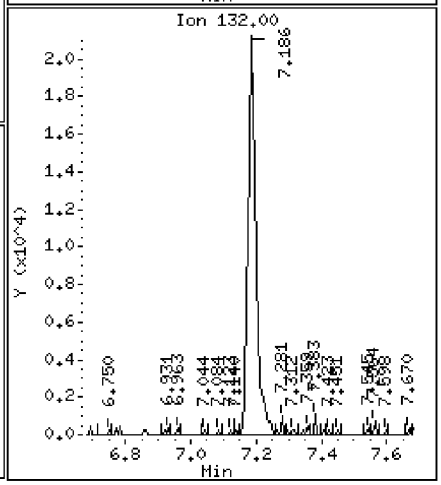



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

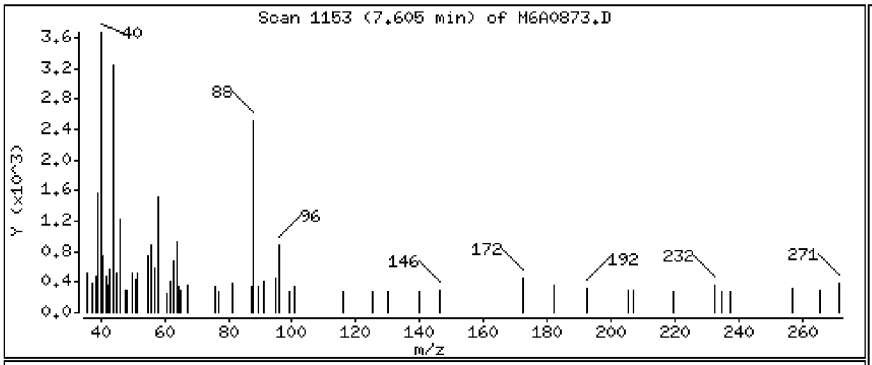
Operator: MST

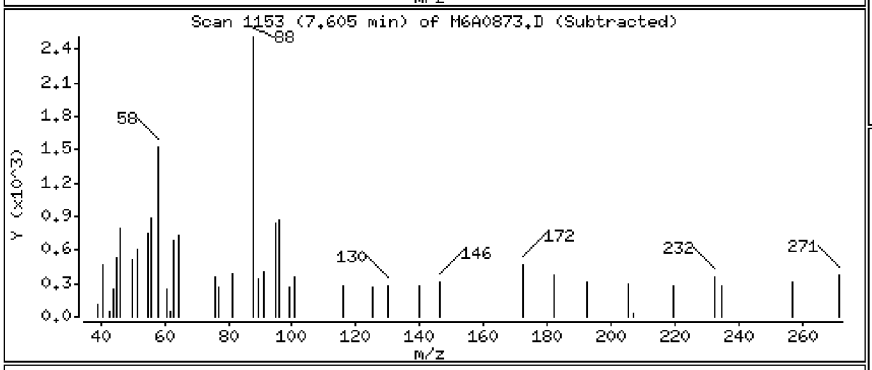
Column phase: DB-624

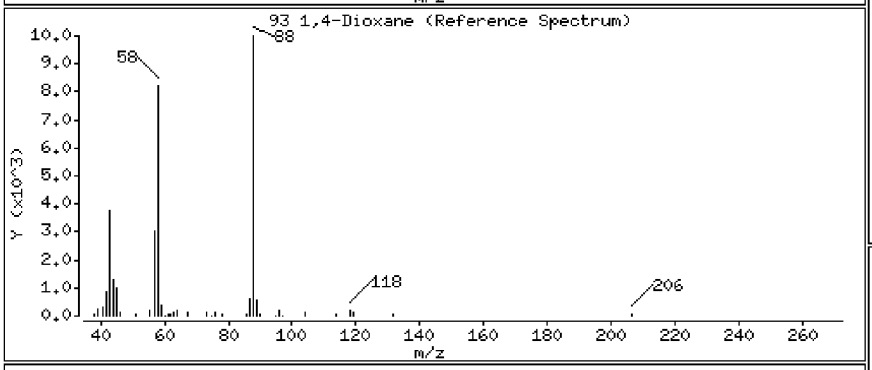
Column diameter: 0.18

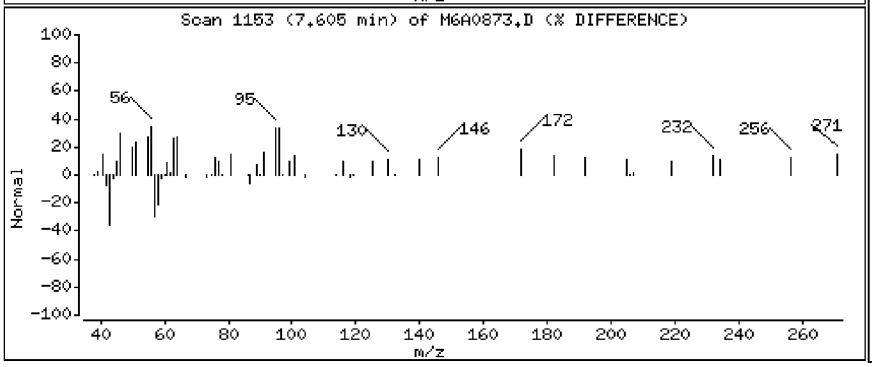
93 1,4-Dioxane

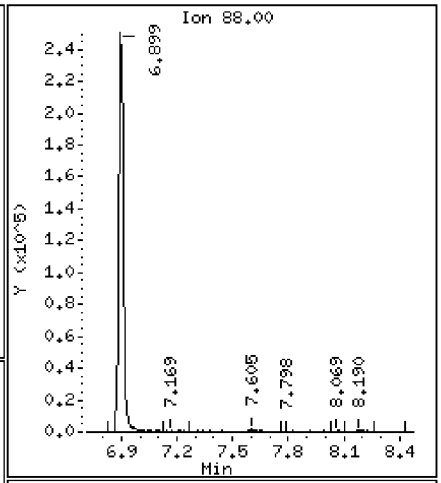
Concentration: 121.716 ug/L

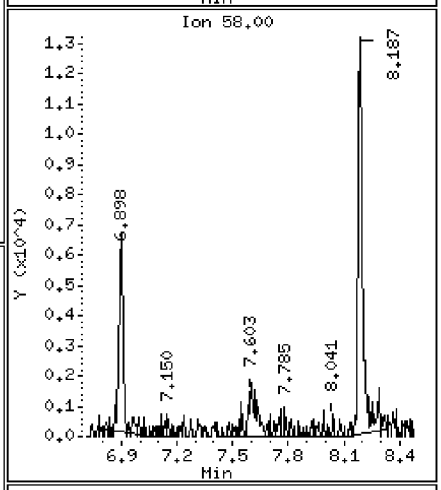


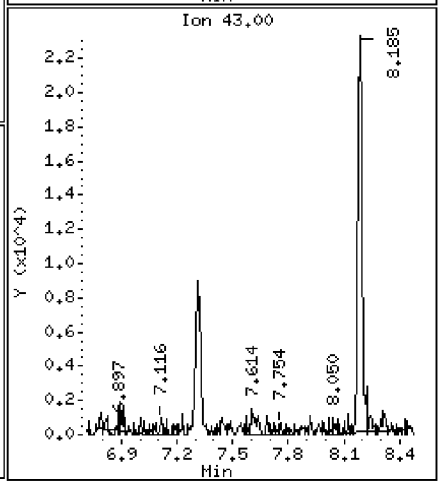



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D



Date : 29-JUN-2012 00:22

Client ID: F5YB5

Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0

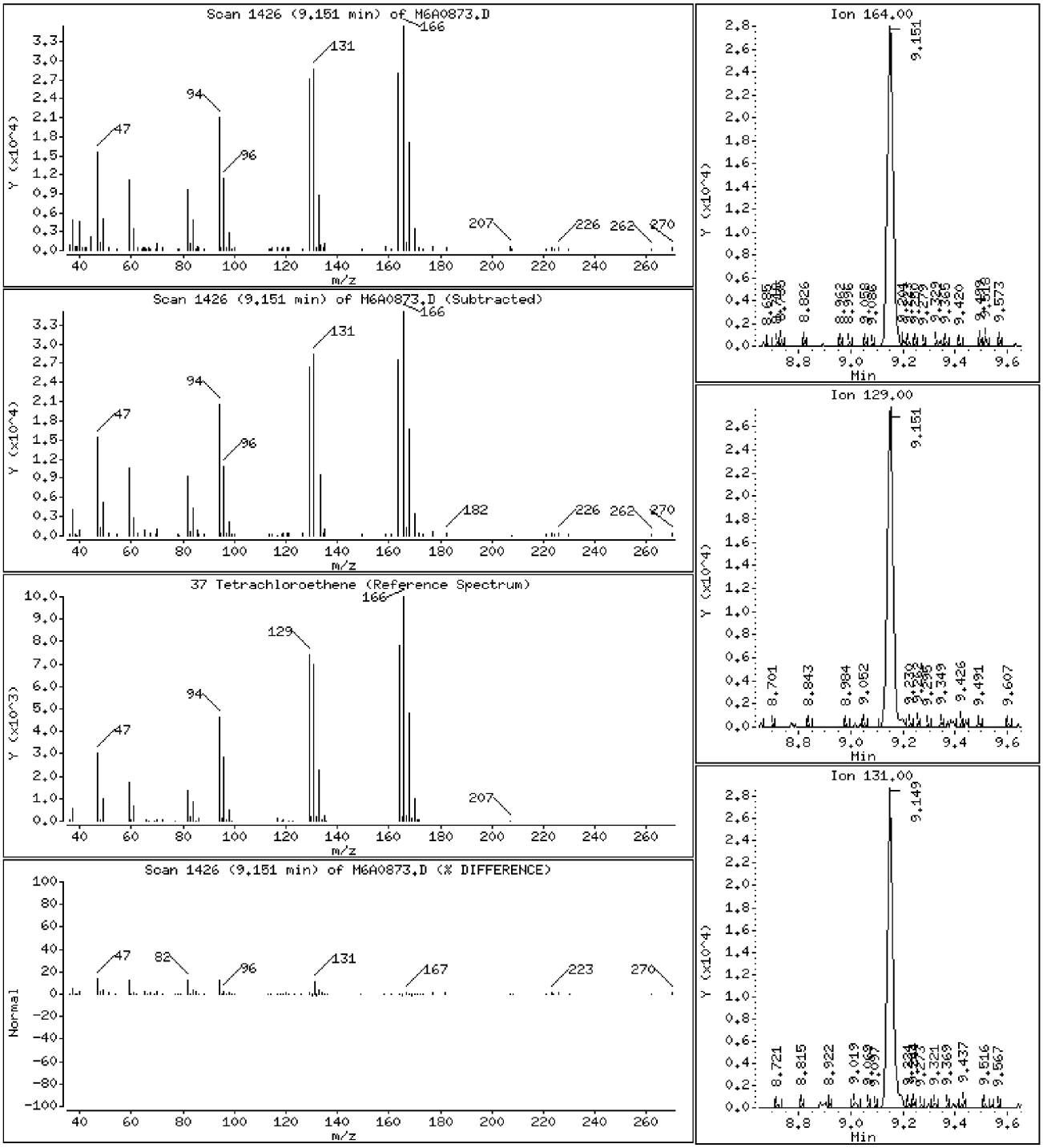
Operator: MST

Column phase: DB-624

Column diameter: 0.18

37 Tetrachloroethene

Concentration: 2.83428 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0873.D Page 11

Date : 29-JUN-2012 00:22

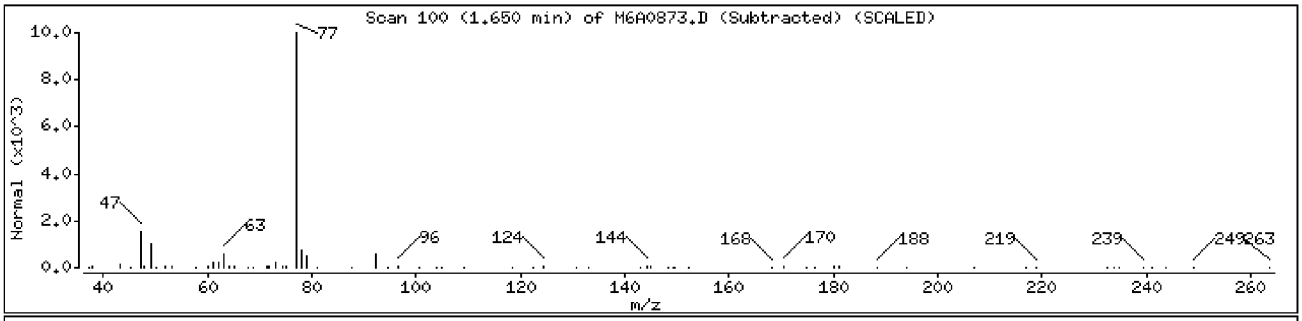
Client ID: F5YB5 Instrument: vms06.i

Sample Info: 350638613;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB6

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638614
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0874.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.1 | J |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB6

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638614

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0874.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 2.1 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB6

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638614
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0874.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.65 | 20 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D
Lab Smp Id: 350638614  Client Smp ID: F5YB6
Inj Date  : 29-JUN-2012 00:47  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638614;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1393926 | 48.3598 | 48.3598 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1327726 | 49.6282 | 49.6282 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1430355 | 35.4213 | 35.4213 |
| 7 1,1-Dichloroethene | 96 | 2.697 | 2.707 | (0.391) | 19432 | 1.06332 | 1.06332(Q) |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.228 | (0.758) | 164556 | 78.2314 | 78.2314 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1611259 | 49.1076 | 49.1076(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.319 | 6.323 | (0.916) | 880007 | 52.3559 | 52.3559 |
| $ 84 Benzene-d6 | 84 | 6.347 | 6.349 | (0.636) | 3690314 | 52.5250 | 52.5250 |
| * 26 1,4-Difluorobenzene | 114 | 6.898 | 6.899 | (1.000) | 2809745 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1060412 | 53.4042 | 53.4042 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.535 | 7.539 | (1.092) | 64922 | 1177.78 | 1177.78 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3530843 | 53.5599 | 53.5599 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 774210 | 52.0361 | 52.0361 |
| 37 Tetrachloroethene | 164 | 9.152 | 9.150 | (0.917) | 34935 | 2.13258 | 2.13258(H) |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 205411 | 82.0847 | 82.0847 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2365588 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 563981 | 48.0006 | 48.0006 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 961448 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 870492 | 52.8984 | 52.8984 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D
Lab Smp Id: 350638614  Client Smp ID: F5YB6
Inj Date  : 29-JUN-2012 00:47  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638614;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

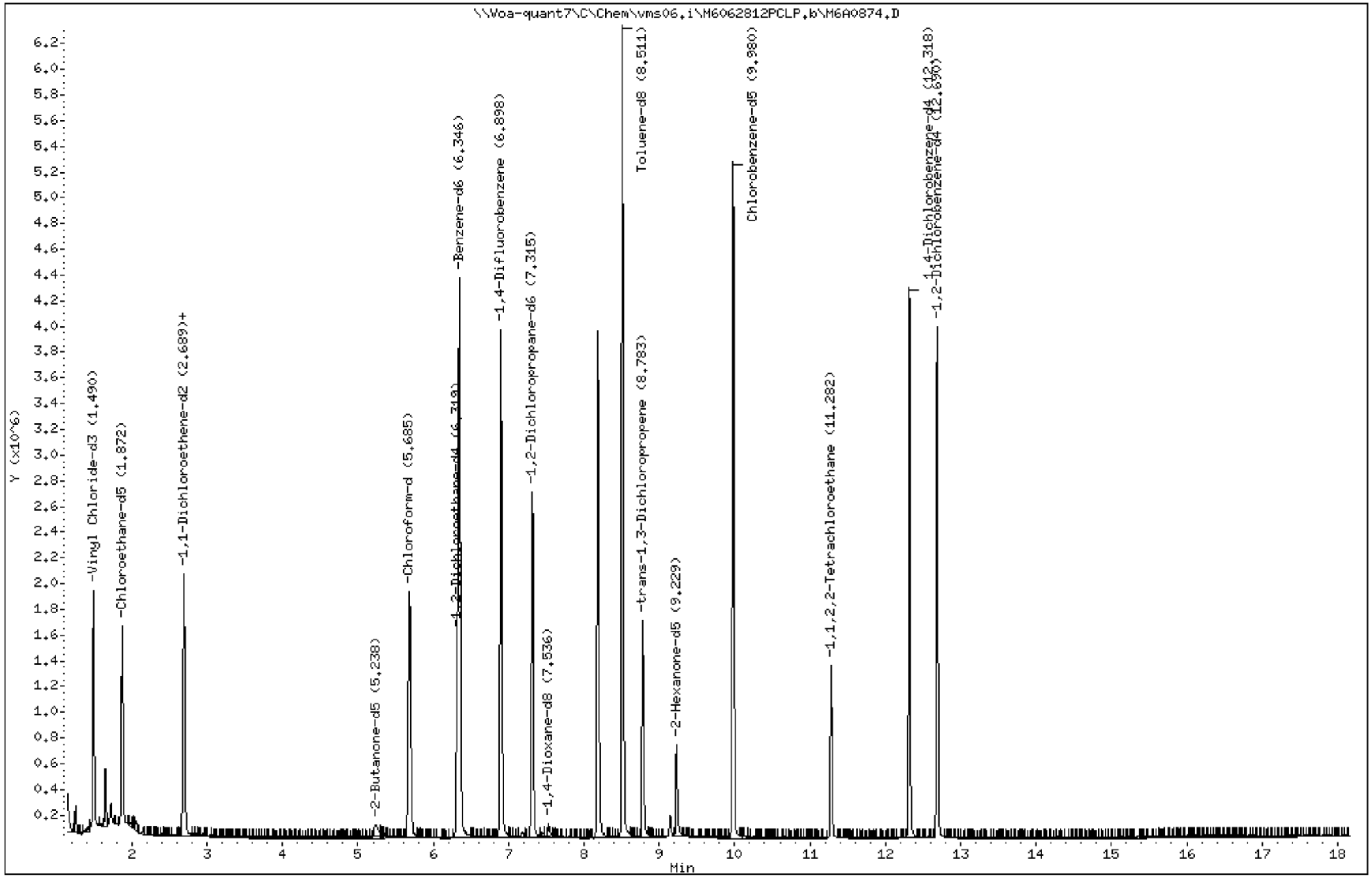
| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.899 | 9307629 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.650 | 3762825 | 20.2136587 | 20.2136 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D
Date : 29-JUN-2012 00:47
Client ID: F5YB6
Sample Info: 350638614;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D



Date : 29-JUN-2012 00:47

Client ID: F5YB6

Instrument: vms06.i

Sample Info: 350638614;3506386;1;

Purge Volume: 5.0

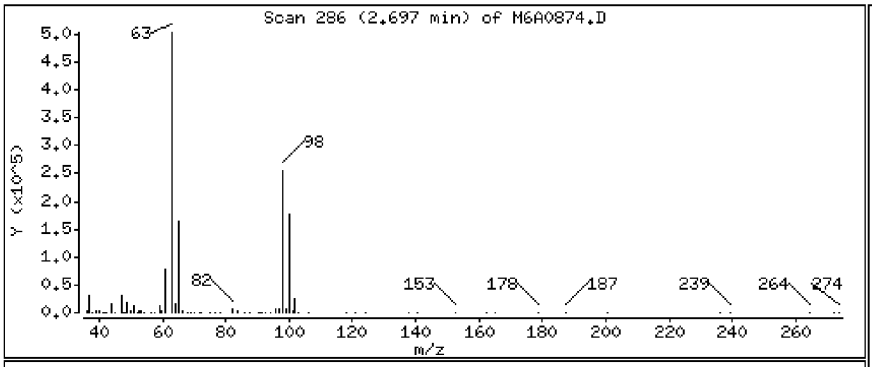
Operator: MST

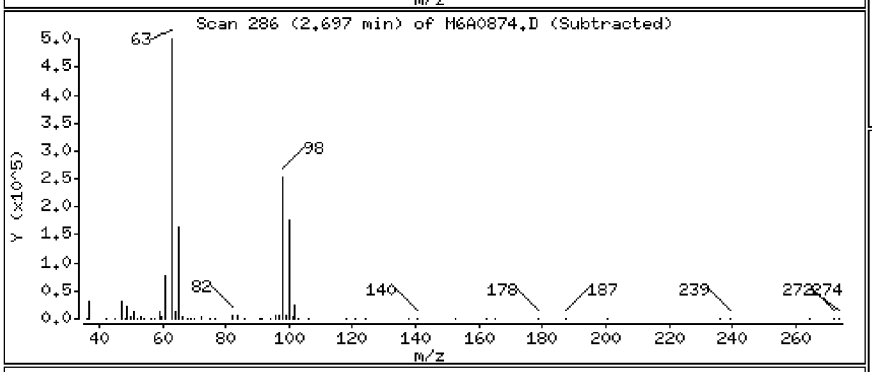
Column phase: DB-624

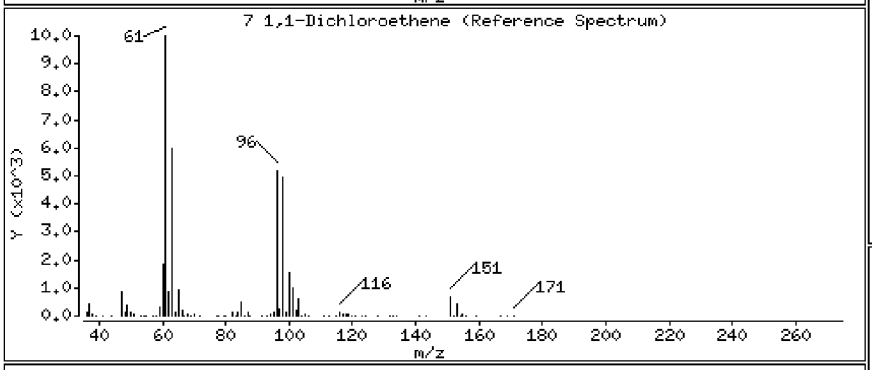
Column diameter: 0.18

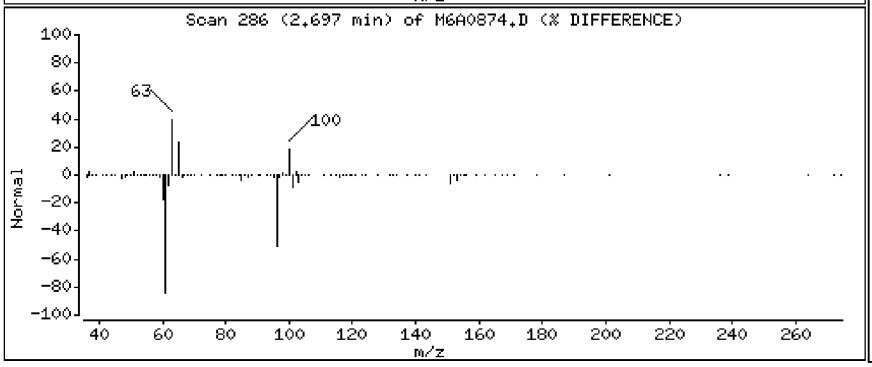
7 1,1-Dichloroethene

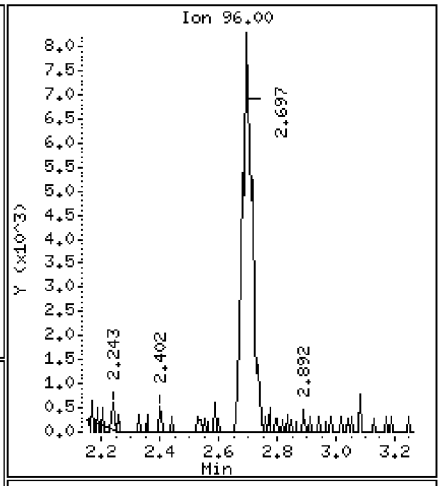
Concentration: 1.06332 ug/L

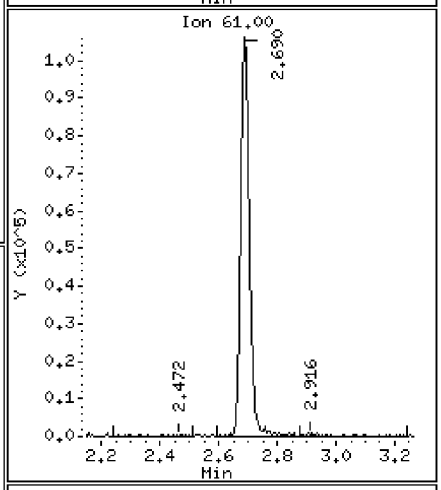


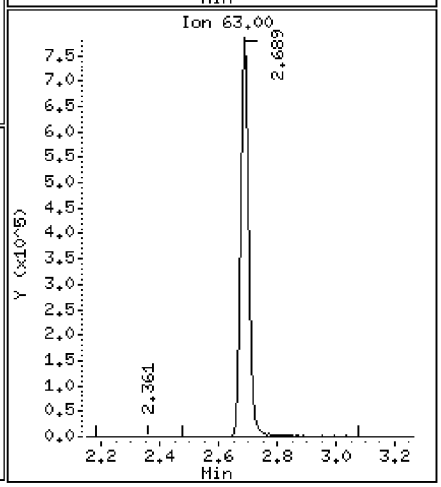



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D 

Date : 29-JUN-2012 00:47

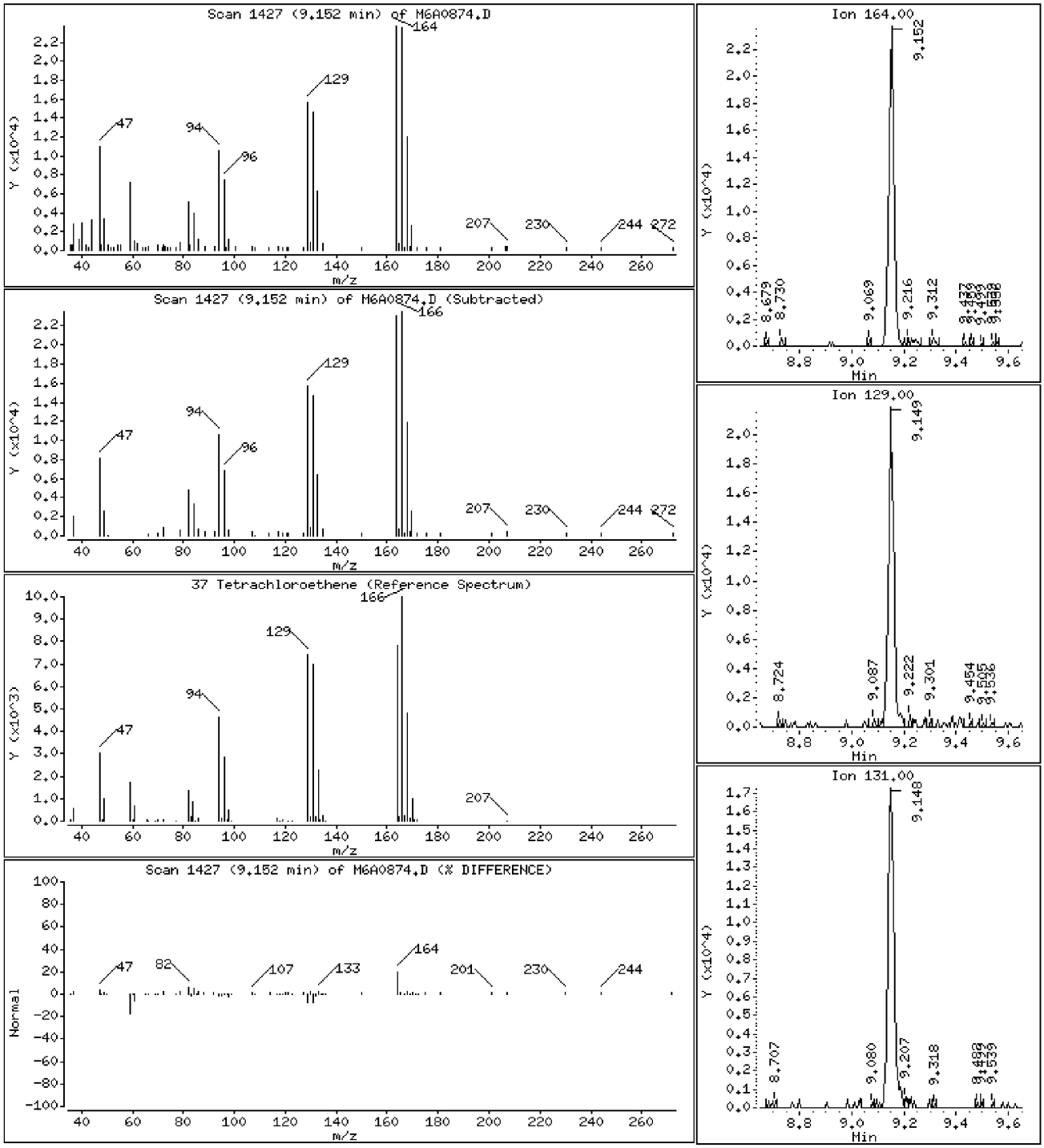
Client ID: F5YB6 Instrument: vms06.i

Sample Info: 350638614;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

37 Tetrachloroethene Concentration: 2.13258 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0874.D Page 7

Date : 29-JUN-2012 00:47

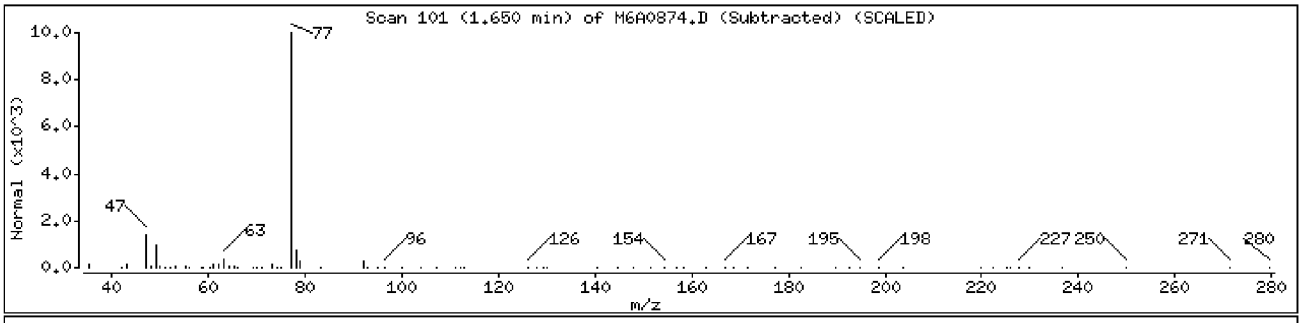
Client ID: F5YB6 Instrument: vms06.i

Sample Info: 350638614;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB7

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638615
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0875.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YB7

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638615

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0875.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.0 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YB7

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638615
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0875.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0875.D
Lab Smp Id: 350638615  Client Smp ID: F5YB7
Inj Date : 29-JUN-2012 01:12  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638615;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1429604 | 48.9463 | 48.9463 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1325659 | 48.9003 | 48.9003 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1448854 | 35.4082 | 35.4082 |
| $ 82 2-Butanone-d5 | 46 | 5.231 | 5.228 | (0.758) | 176055 | 82.5991 | 82.5991 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1611827 | 48.4799 | 48.4799(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 885360 | 51.9827 | 51.9827 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3700214 | 51.1035 | 51.1035 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2847131 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1064753 | 52.0320 | 52.0320 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.537 | 7.539 | (1.092) | 66099 | 1183.39 | 1183.39 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3575344 | 52.6260 | 52.6260 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 786975 | 51.3249 | 51.3249 |
| 37 Tetrachloroethene | 164 | 9.151 | 9.150 | (0.917) | 17102 | 1.01301 | 1.01301 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 215051 | 83.3876 | 83.3876 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2437912 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 574006 | 47.4045 | 47.4045 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 980530 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 859267 | 51.2001 | 51.2001 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

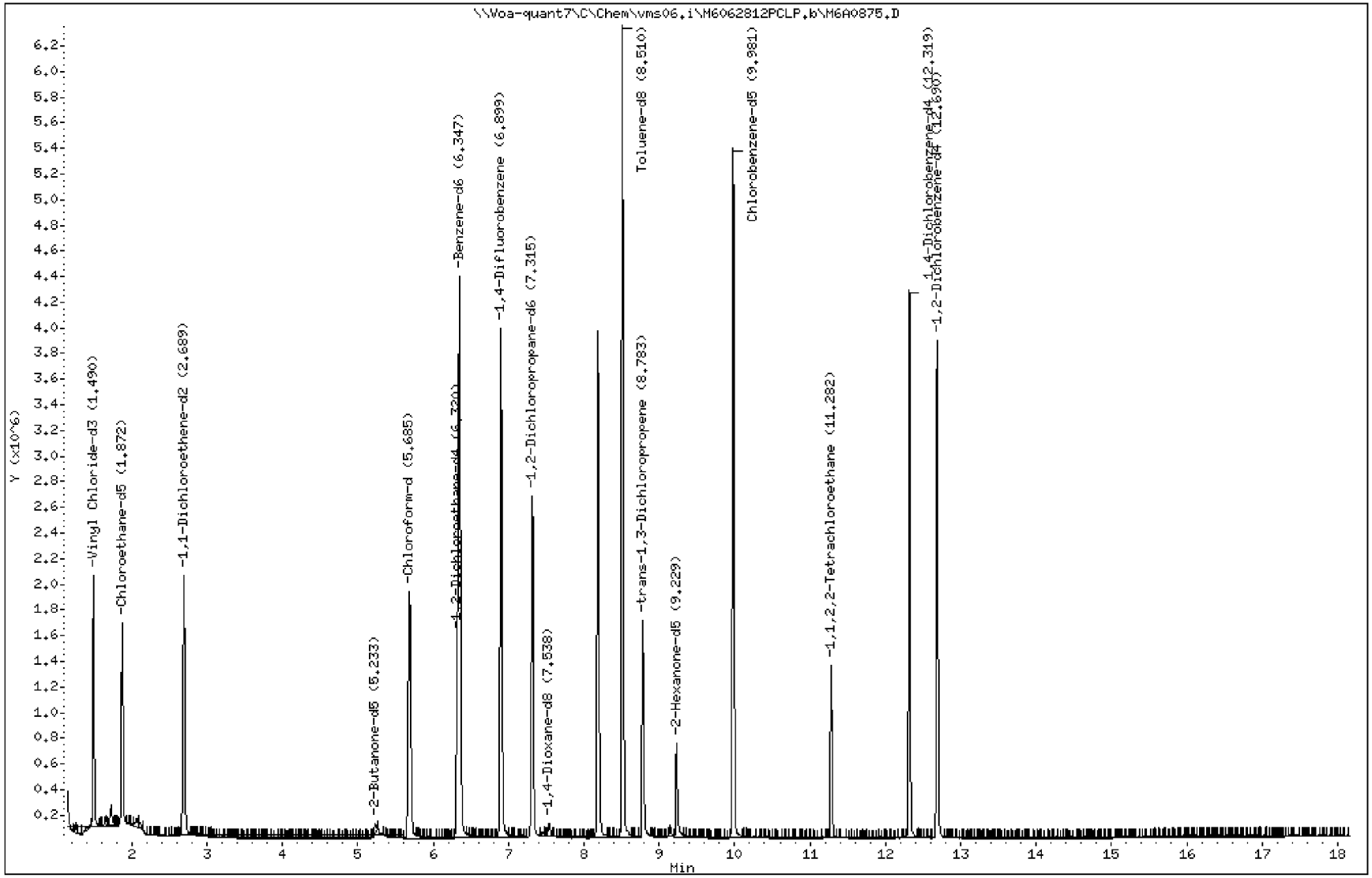
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0875.D
Lab Smp Id: 350638615  Client Smp ID: F5YB7
Inj Date  : 29-JUN-2012 01:12  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638615;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0875.D
Date : 29-JUN-2012 01:12
Client ID: F5YB7
Sample Info: 350638615;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0875.D



Date : 29-JUN-2012 01:12

Client ID: F5YB7

Instrument: vms06.i

Sample Info: 350638615;3506386;1;

Purge Volume: 5.0

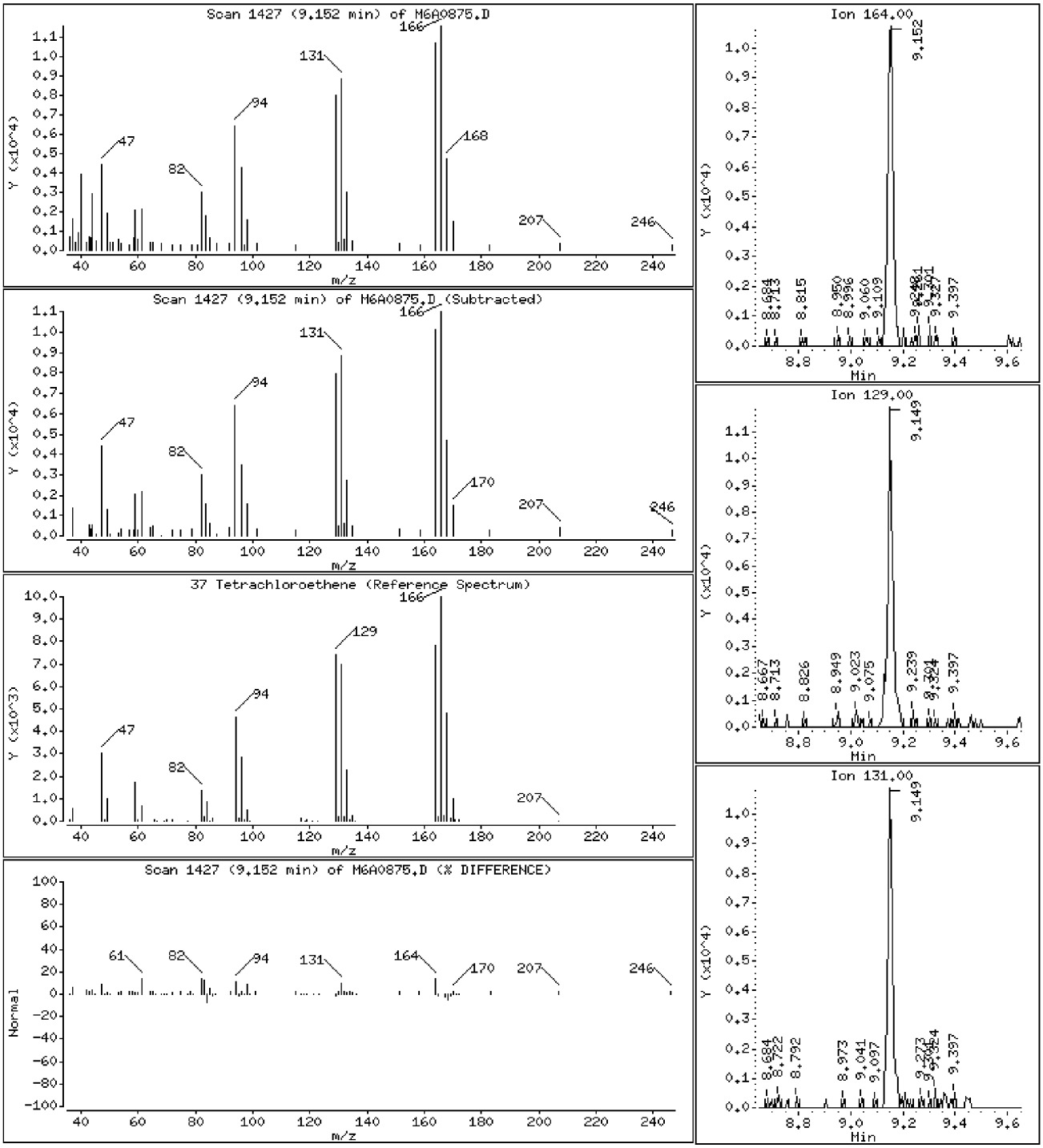
Operator: MST

Column phase: DB-624

Column diameter: 0.18

37 Tetrachloroethene

Concentration: 1.01301 ug/L



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC4

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638604

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0857.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.3 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 6.8 | |
| 156-59-2 | cis-1,2-Dichloroethene | 4.9 | J |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC4

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638604

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0857.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.1 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 6.2 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YC4

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638604
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0857.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.646 | 5.8 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D
Lab Smp Id: 350638604  Client Smp ID: F5YC4
Inj Date  : 28-JUN-2012 18:02  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638604;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.485 | 1.489 | (0.215) | 1536545 | 53.3927 | 53.3926 |
| $ 80 Chloroethane-d5 | 69 | 1.866 | 1.869 | (0.271) | 1404572 | 52.5842 | 52.5842 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.685 | 2.692 | (0.389) | 1489715 | 36.9500 | 36.9500 |
| 7 1,1-Dichloroethene | 96 | 2.701 | 2.707 | (0.392) | 96807 | 5.30571 | 5.30571(Q) |
| 15 1,1-Dichloroethane | 63 | 4.364 | 4.370 | (0.633) | 237966 | 6.81339 | 6.81338 |
| $ 82 2-Butanone-d5 | 46 | 5.217 | 5.228 | (0.756) | 265219 | 126.288 | 126.288 |
| 17 cis-1,2-Dichloroethene | 96 | 5.244 | 5.248 | (0.760) | 86779 | 4.90121 | 4.90120 |
| $ 83 Chloroform-d | 84 | 5.684 | 5.689 | (0.824) | 1578794 | 48.1948 | 48.1948(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.318 | 6.323 | (0.916) | 908149 | 54.1163 | 54.1163 |
| $ 84 Benzene-d6 | 84 | 6.346 | 6.349 | (0.636) | 3694571 | 52.2349 | 52.2349 |
| * 26 1,4-Difluorobenzene | 114 | 6.897 | 6.899 | (1.000) | 2805277 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.719) | 100723 | 5.12554 | 5.12554 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1022874 | 51.1701 | 51.1701 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.532 | 7.539 | (1.092) | 79850 | 1450.91 | 1450.91(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3511640 | 52.9133 | 52.9133 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 760574 | 50.7787 | 50.7787 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.150 | (0.917) | 102379 | 6.20796 | 6.20796 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 265970 | 105.576 | 105.576 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2381472 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 635111 | 53.6939 | 53.6939 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 970627 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 873793 | 52.5968 | 52.5968 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D
Lab Smp Id: 350638604  Client Smp ID: F5YC4
Inj Date  : 28-JUN-2012 18:02  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638604;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

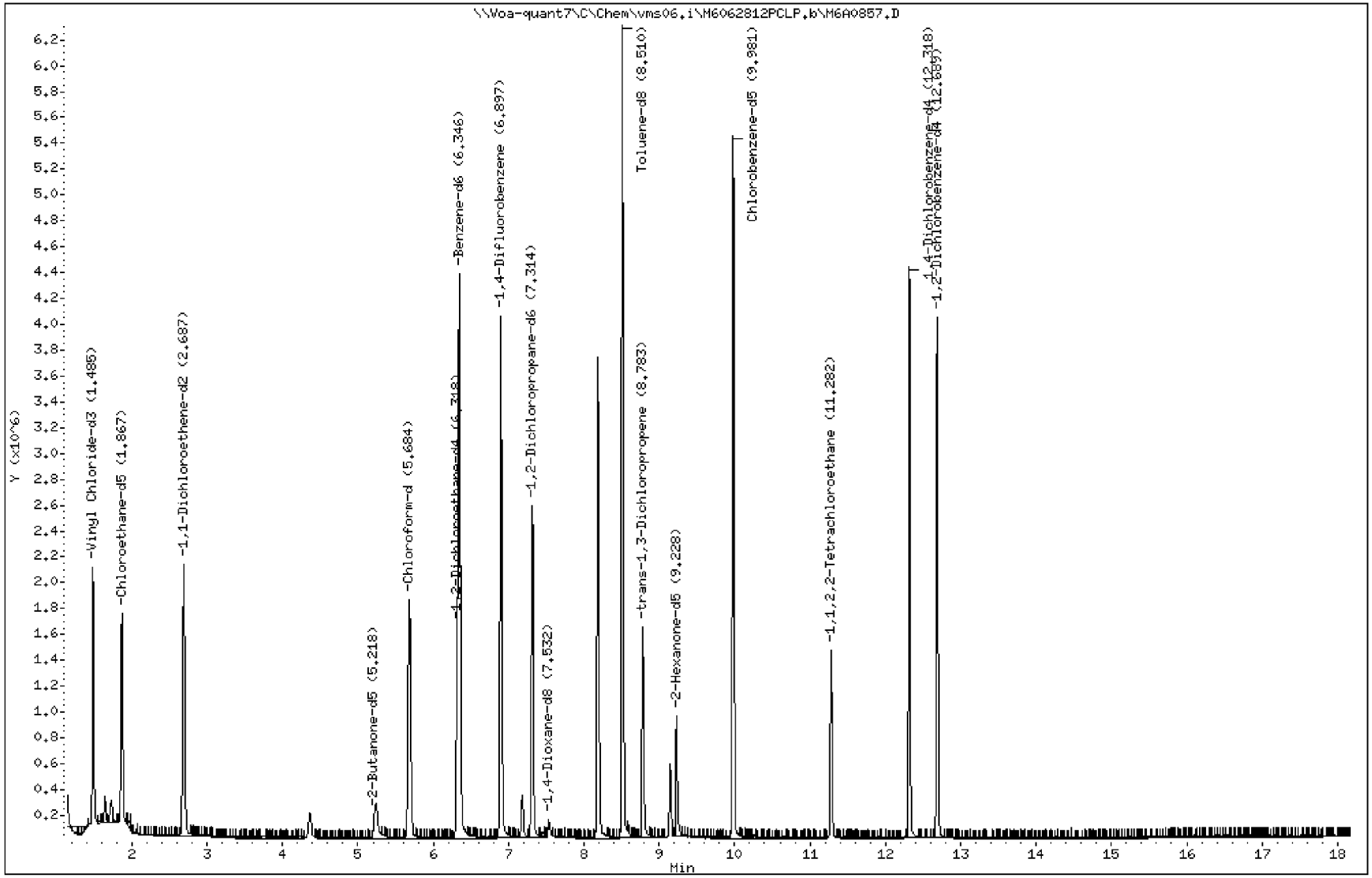
| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.898 | 7111194 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.646 | 818975 | 5.75834860 | 5.75835 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D
Date : 28-JUN-2012 18:02
Client ID: F5YC4
Sample Info: 350638604;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D



Date : 28-JUN-2012 18:02

Client ID: F5YC4

Instrument: vms06.i

Sample Info: 350638604;3506386;1;

Purge Volume: 5.0

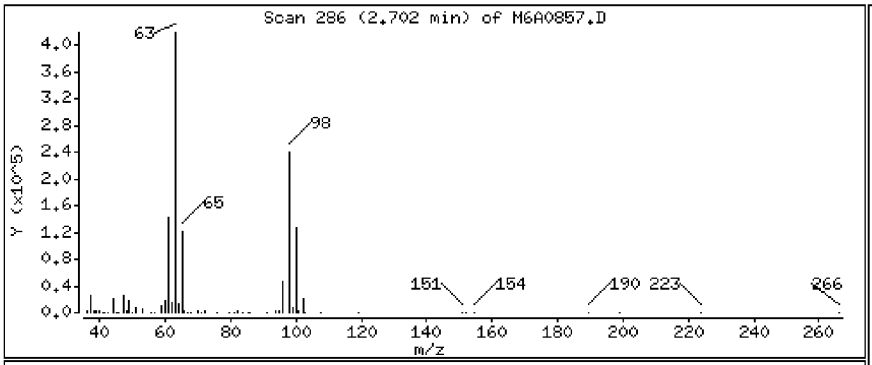
Operator: MST

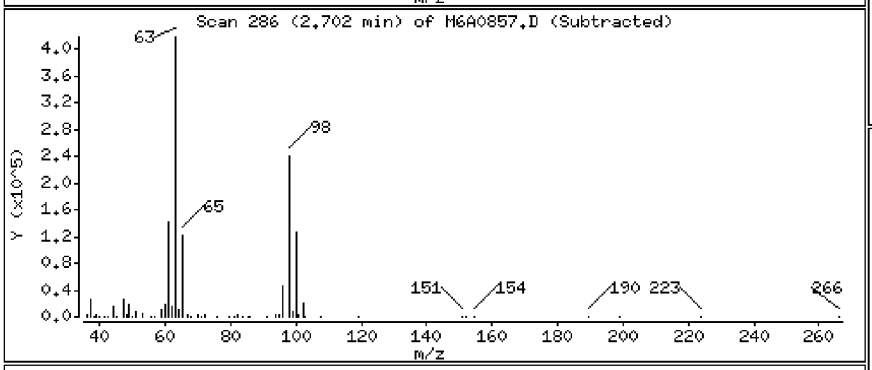
Column phase: DB-624

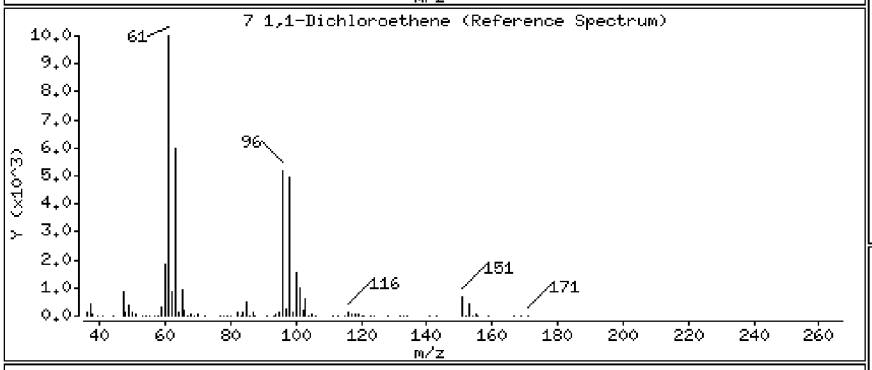
Column diameter: 0.18

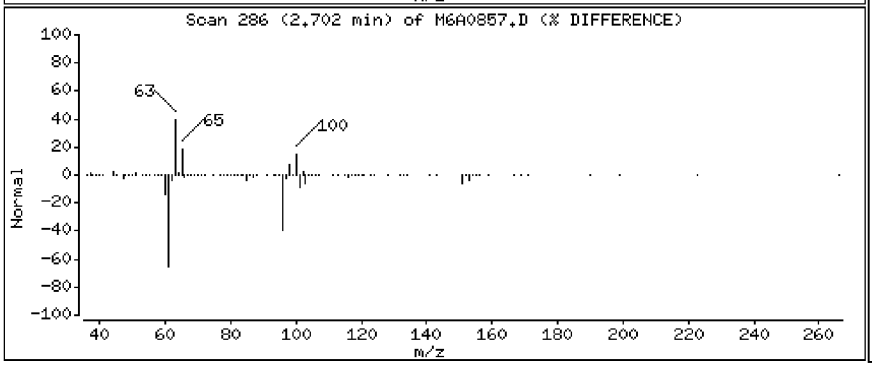
7 1,1-Dichloroethene

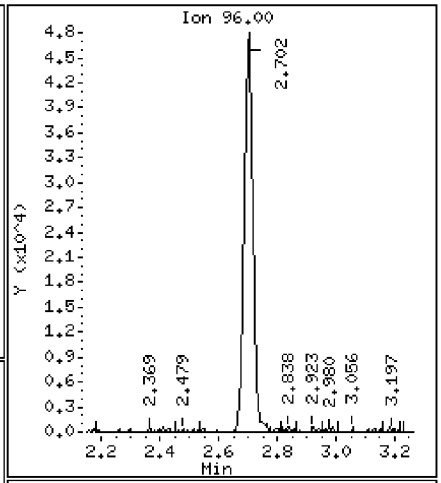
Concentration: 5.30571 ug/L

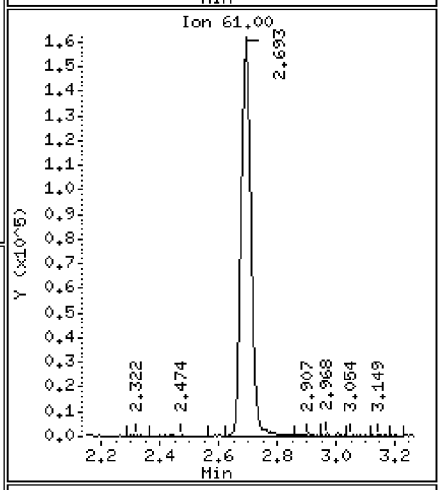


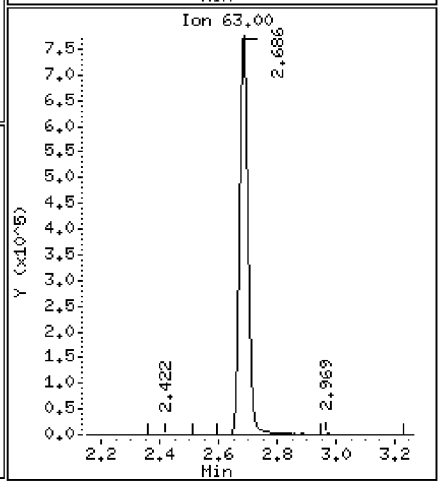



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D



Date : 28-JUN-2012 18:02

Client ID: F5YC4

Instrument: vms06.i

Sample Info: 350638604;3506386;1;

Purge Volume: 5.0

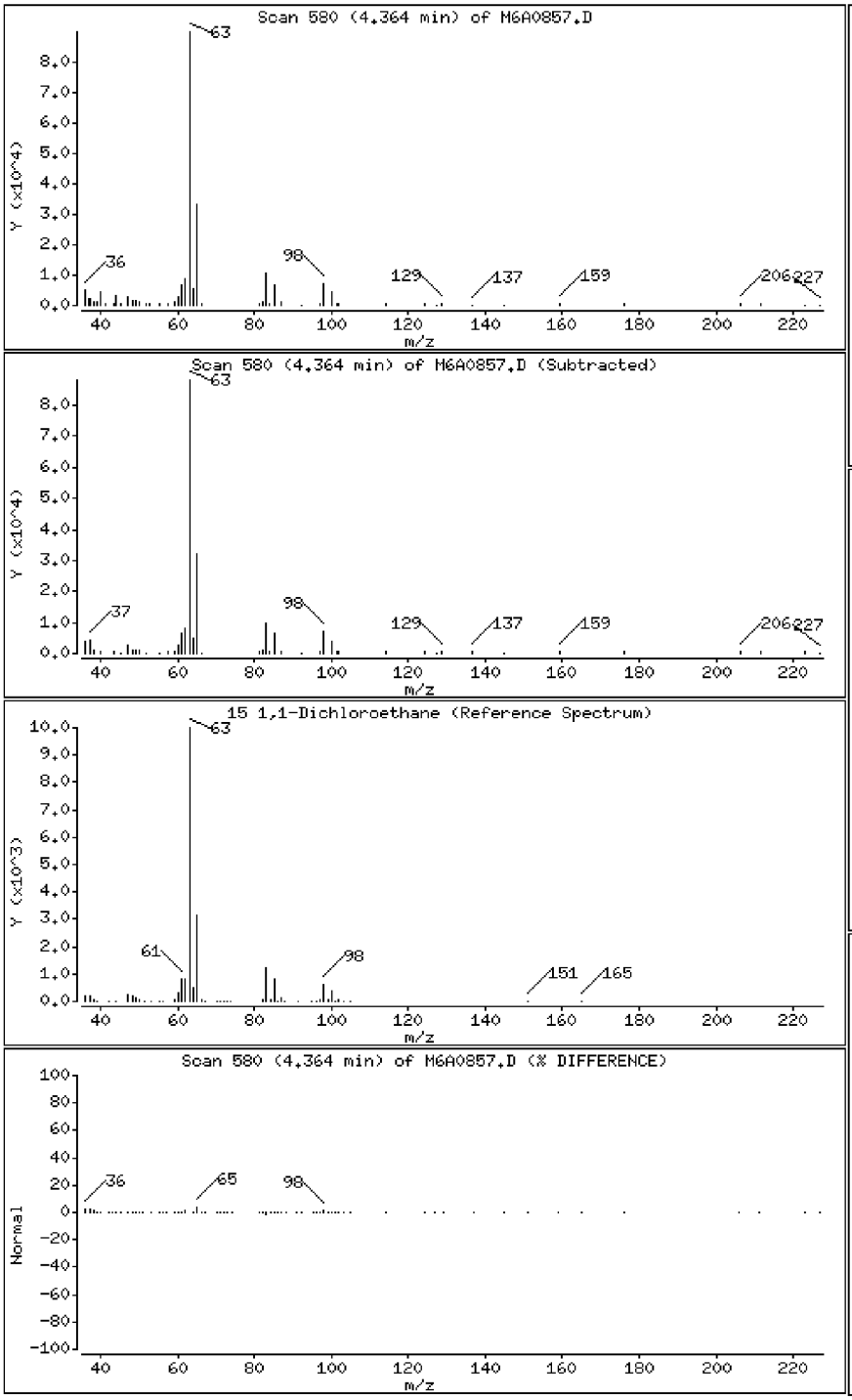
Operator: MST

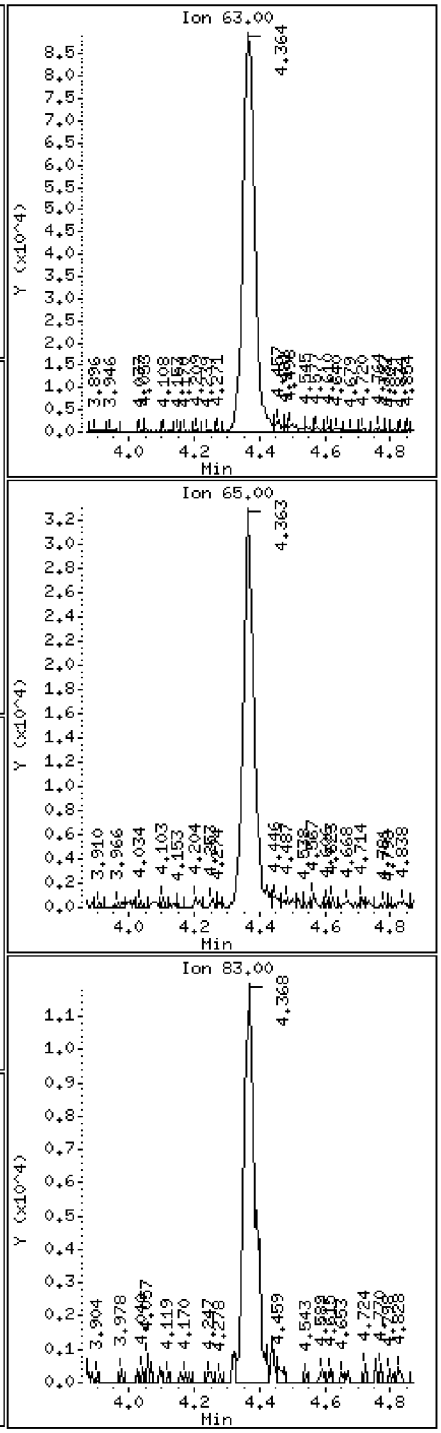
Column phase: DB-624

Column diameter: 0.18

15 1,1-Dichloroethane

Concentration: 6.81338 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D



Date : 28-JUN-2012 18:02

Client ID: F5YC4

Instrument: vms06.i

Sample Info: 350638604;3506386;1;

Purge Volume: 5.0

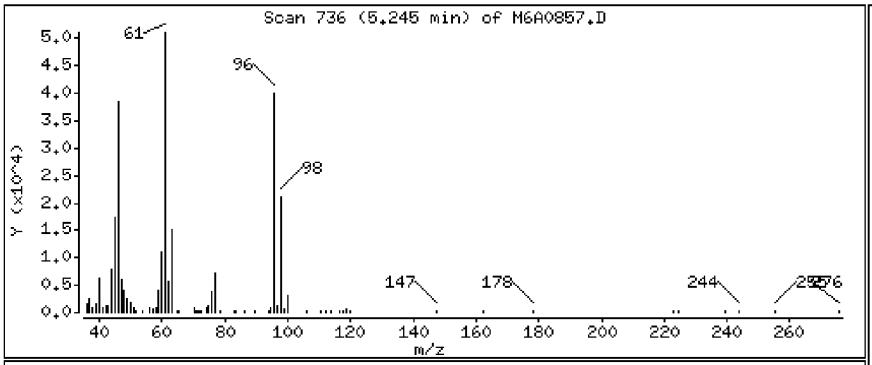
Operator: MST

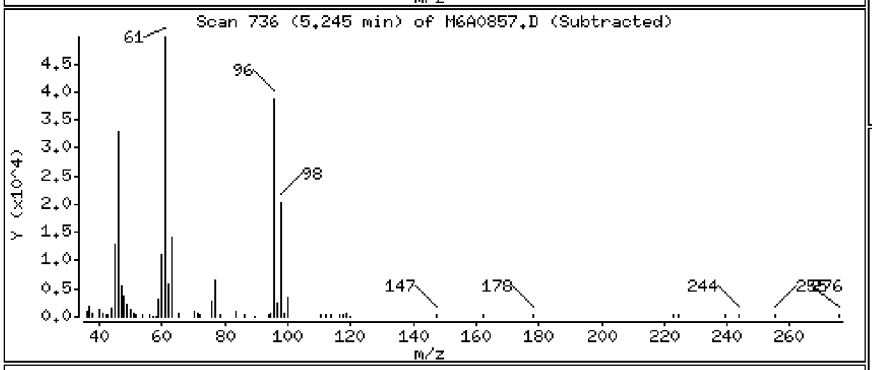
Column phase: DB-624

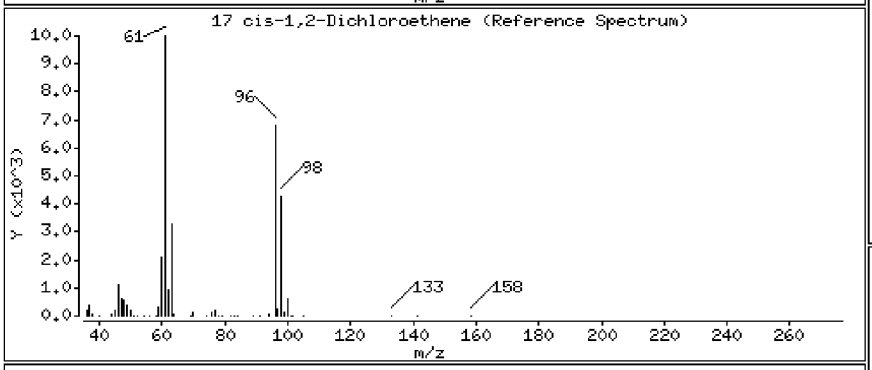
Column diameter: 0.18

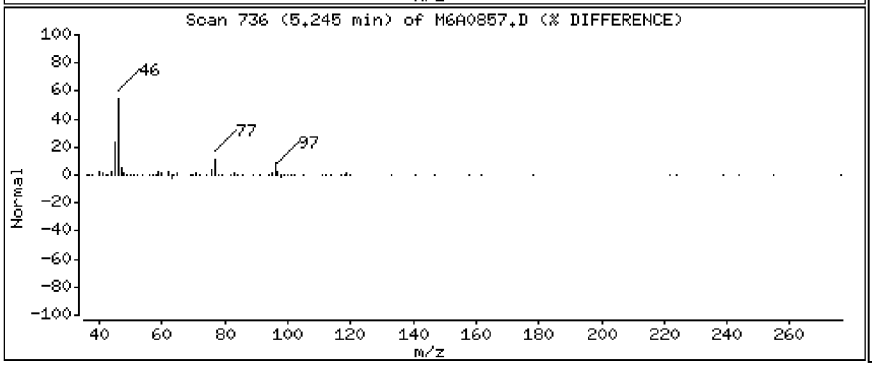
17 cis-1,2-Dichloroethene

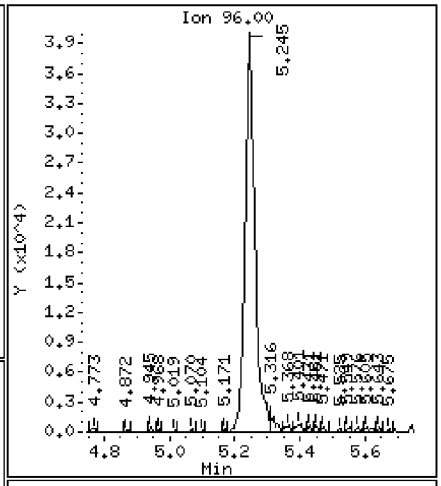
Concentration: 4.90120 ug/L

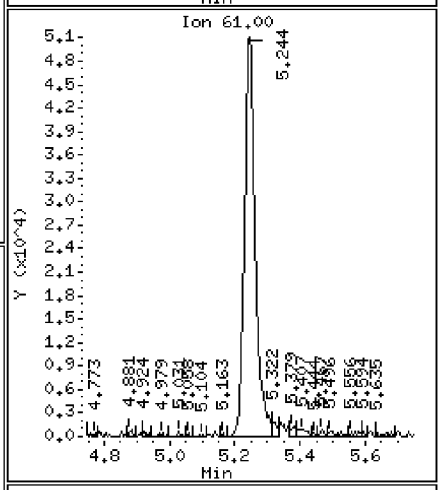


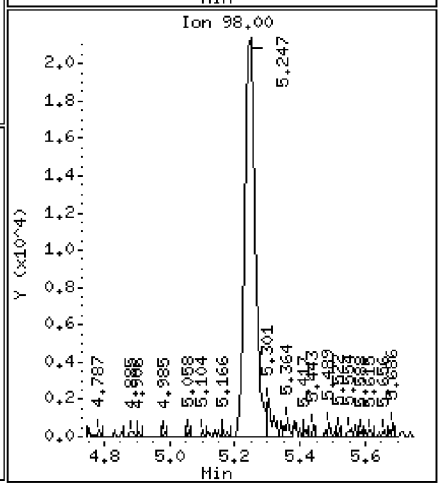



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D 

Date : 28-JUN-2012 18:02

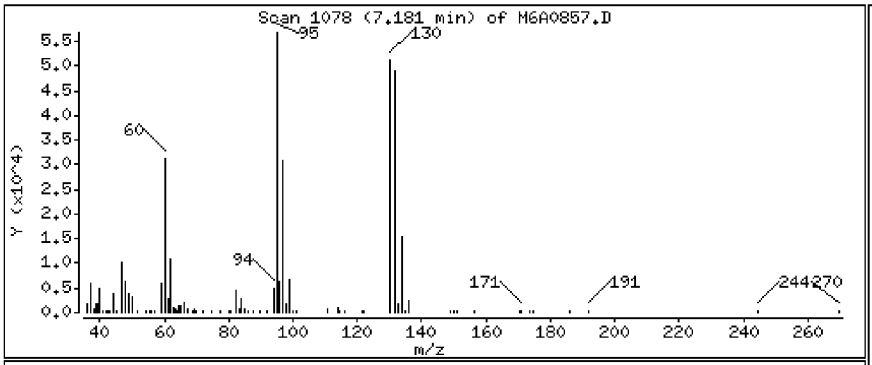
Client ID: F5YC4 Instrument: vms06.i

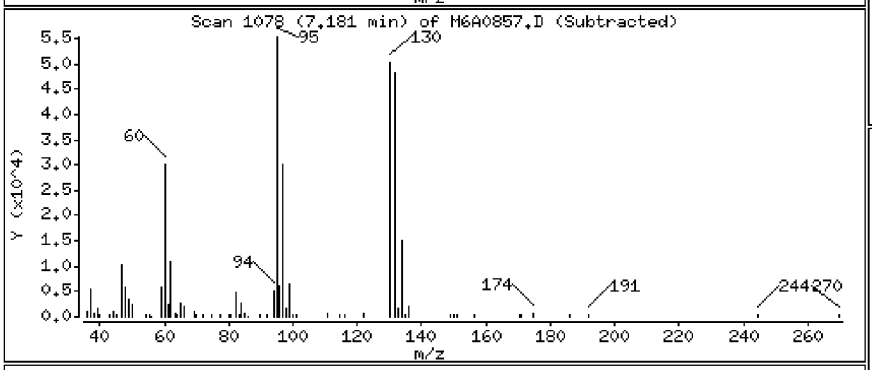
Sample Info: 350638604;3506386;1;

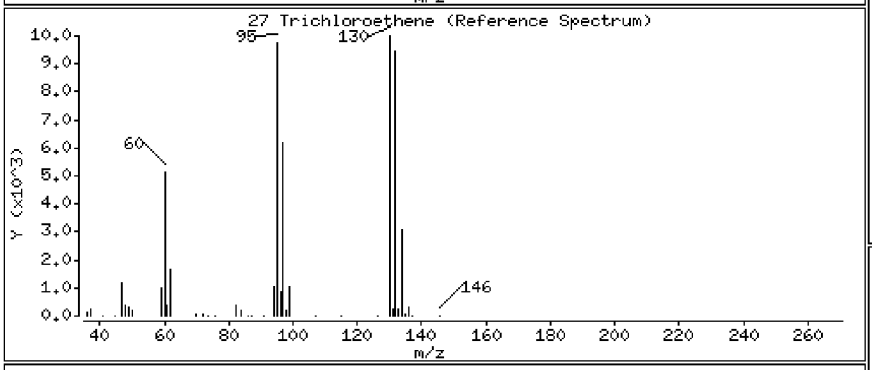
Purge Volume: 5.0 Operator: MST

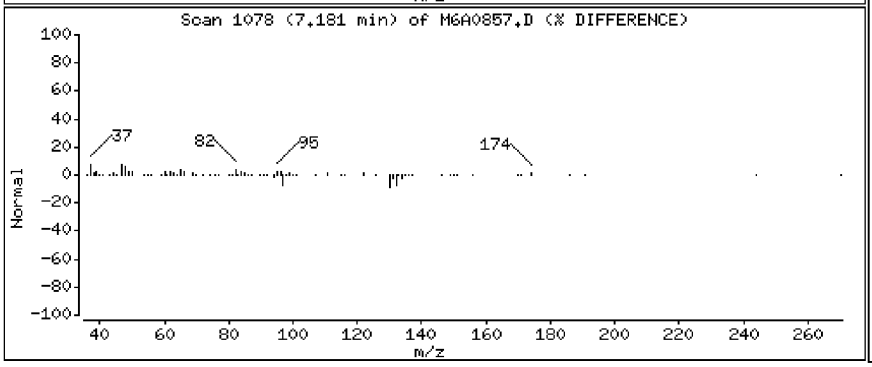
Column phase: DB-624 Column diameter: 0.18

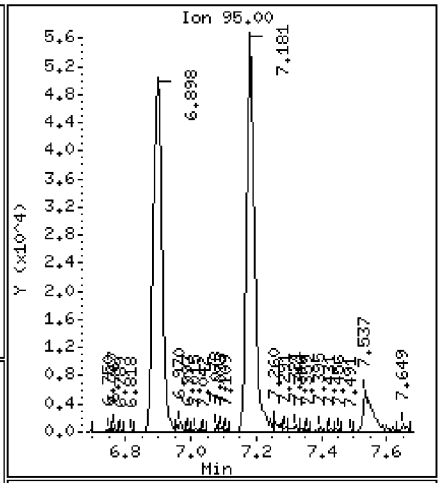
27 Trichloroethene Concentration: 5.12554 ug/L

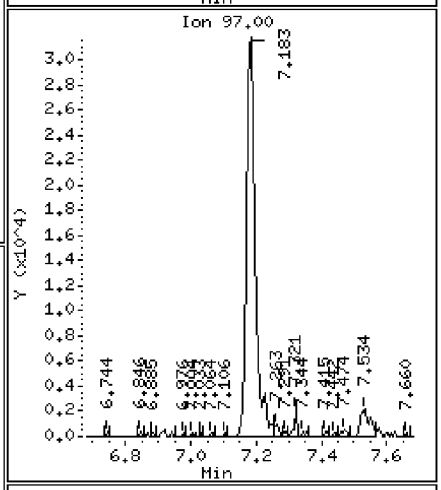


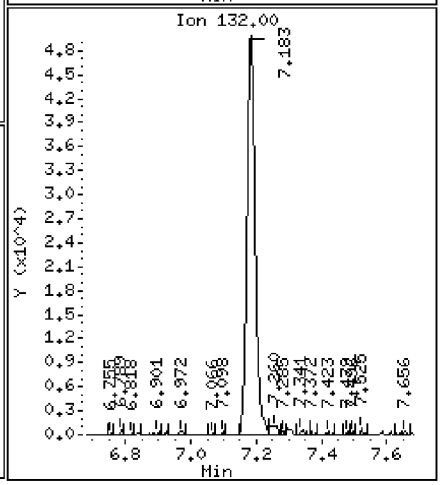



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D



Date : 28-JUN-2012 18:02

Client ID: F5YC4

Instrument: vms06.i

Sample Info: 350638604;3506386;1;

Purge Volume: 5.0

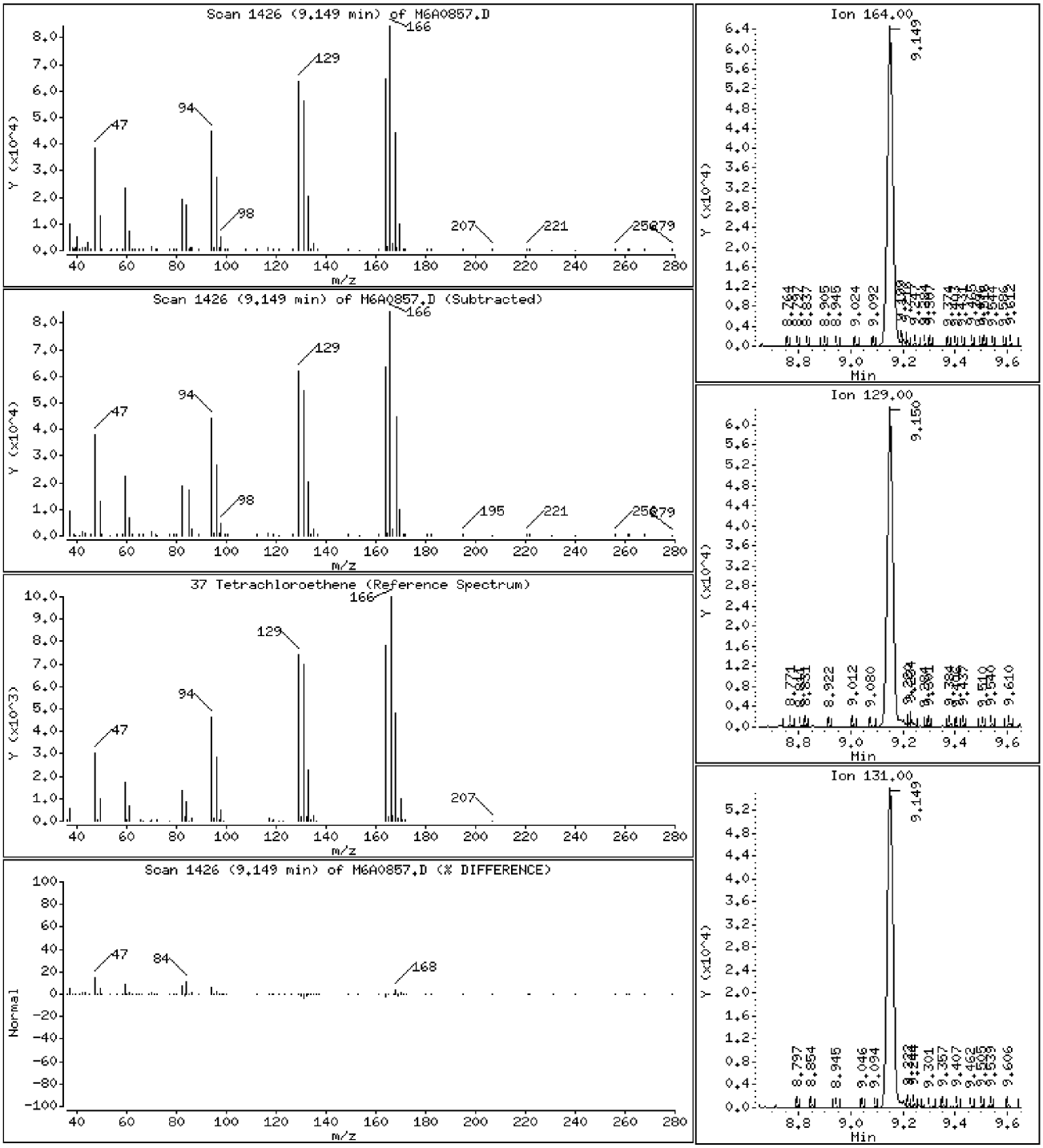
Operator: MST

Column phase: DB-624

Column diameter: 0.18

37 Tetrachloroethene

Concentration: 6.20796 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0857.D Page 10

Date : 28-JUN-2012 18:02

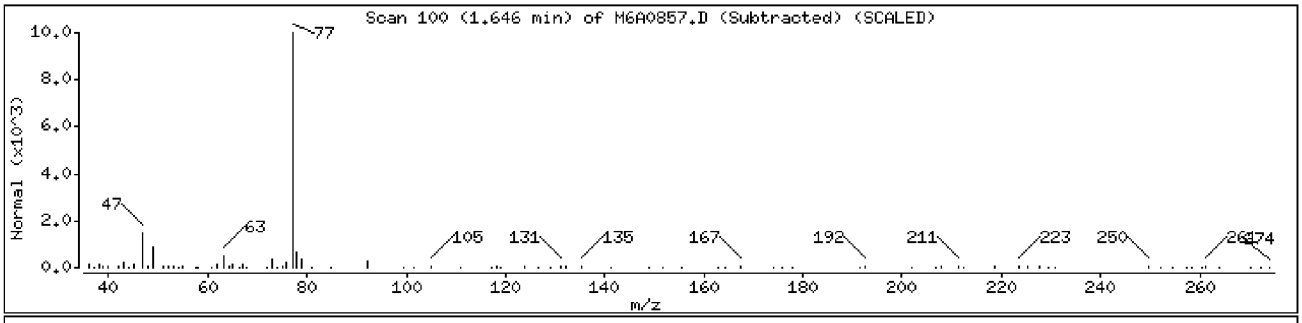
Client ID: F5YC4 Instrument: vms06.i

Sample Info: 350638604;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC5

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638616

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0876.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC5

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638616

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0876.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.1 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YC5

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638616
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0876.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0876.D
Lab Smp Id: 350638616  Client Smp ID: F5YC5
Inj Date  : 29-JUN-2012 01:38  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638616;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1417382 | 50.1467 | 50.1467 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1335404 | 50.9031 | 50.9030 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1410469 | 35.6201 | 35.6200 |
| $ 82 2-Butanone-d5 | 46 | 5.229 | 5.228 | (0.758) | 167475 | 81.1948 | 81.1948 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1560551 | 48.5034 | 48.5034(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 849839 | 51.5617 | 51.5617 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3582109 | 52.0647 | 52.0647 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2755219 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1003448 | 51.6056 | 51.6056 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.537 | 7.539 | (1.093) | 64444 | 1192.25 | 1192.25 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3423409 | 53.0300 | 53.0300 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 744014 | 51.0656 | 51.0656 |
| 37 Tetrachloroethene | 164 | 9.152 | 9.150 | (0.917) | 17252 | 1.07544 | 1.07544 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 222676 | 90.8686 | 90.8686 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2316528 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 577109 | 50.1581 | 50.1581 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 922245 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 849624 | 53.8250 | 53.8250 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

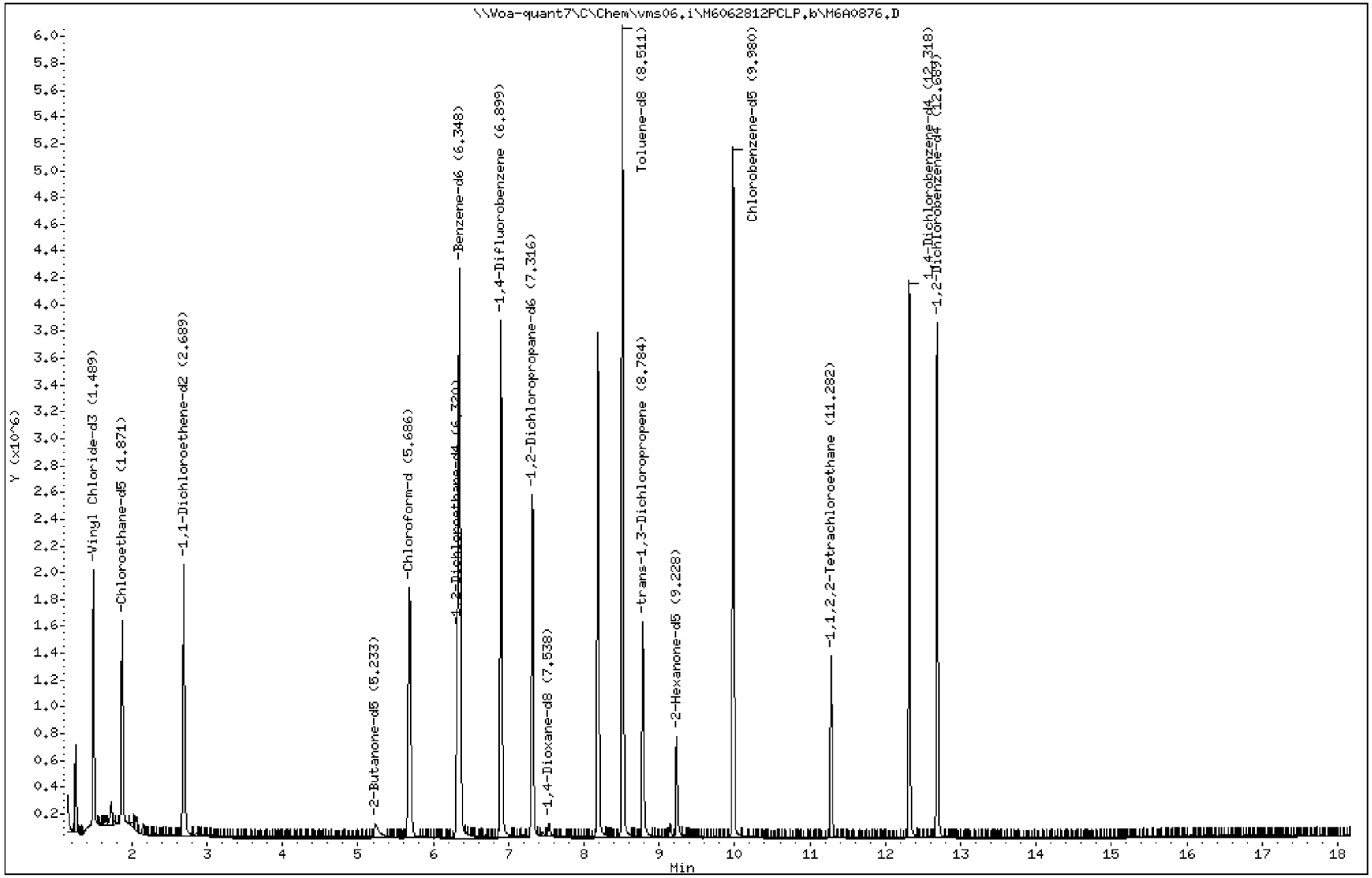
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0876.D
Lab Smp Id: 350638616  Client Smp ID: F5YC5
Inj Date  : 29-JUN-2012 01:38  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638616;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0876.D
Date : 29-JUN-2012 01:38
Client ID: F5YC5
Sample Info: 350638616;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0876.D



Date : 29-JUN-2012 01:38

Client ID: F5YC5

Instrument: vms06.i

Sample Info: 350638616;3506386;1;

Purge Volume: 5.0

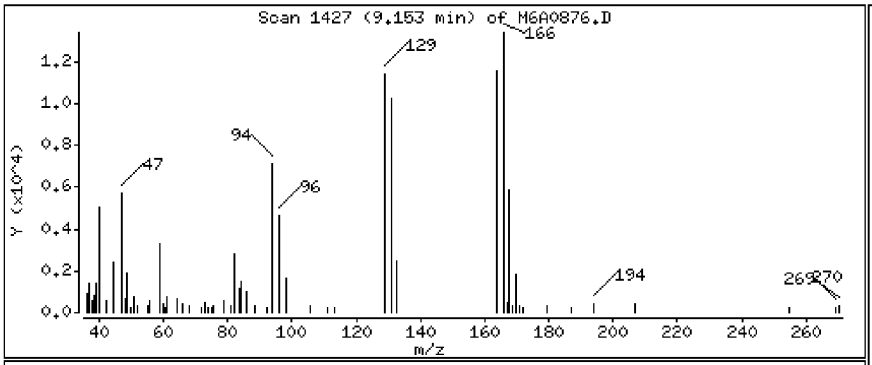
Operator: MST

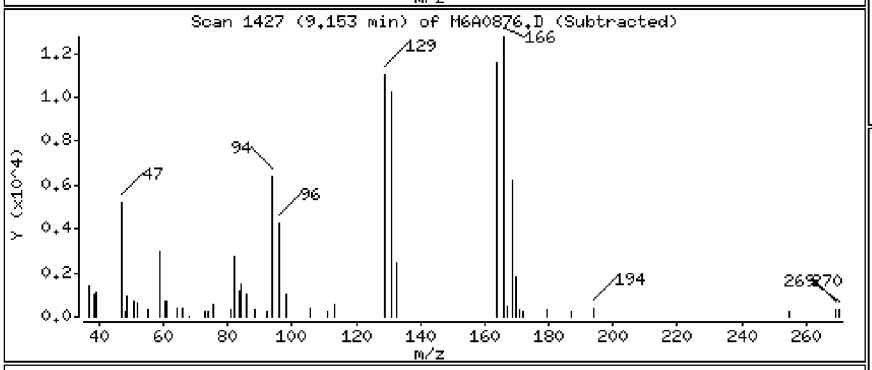
Column phase: DB-624

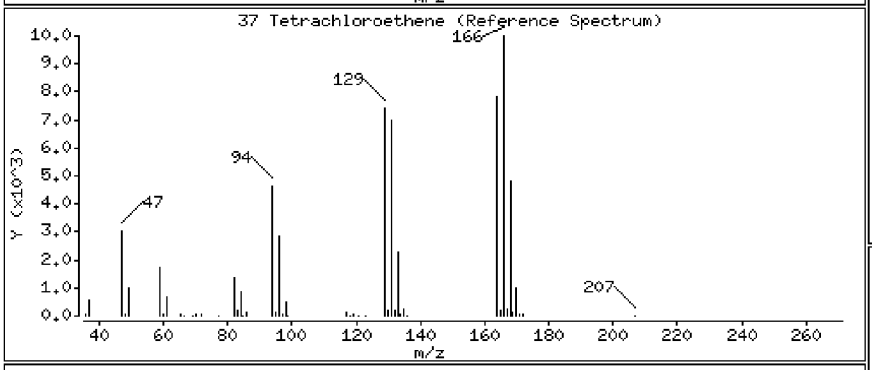
Column diameter: 0.18

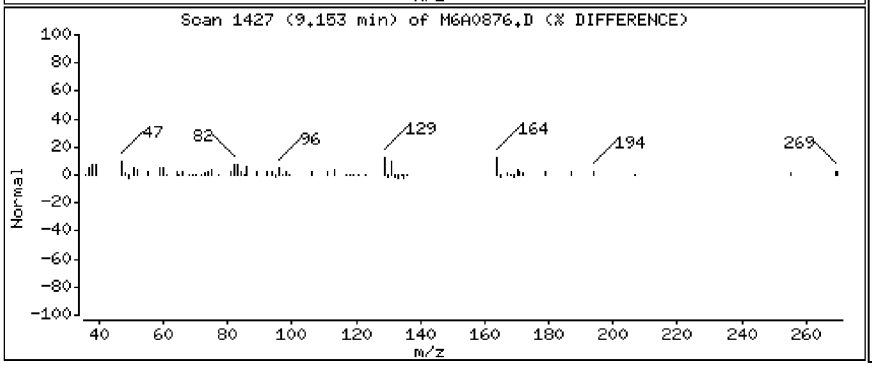
37 Tetrachloroethene

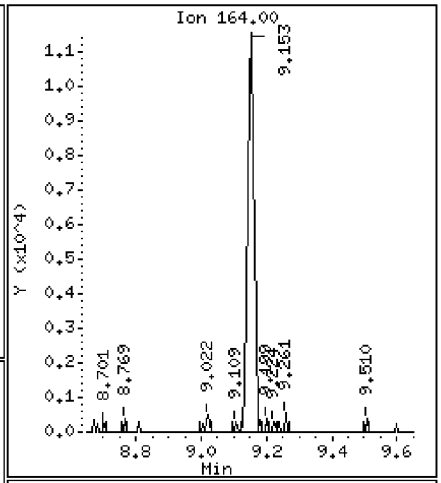
Concentration: 1.07544 ug/L

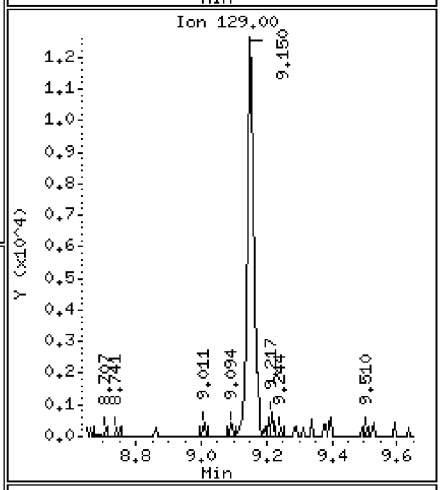


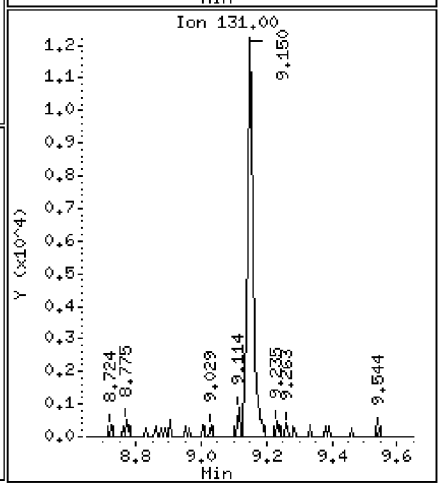



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC6

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638617
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0877.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC6

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638617

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0877.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.4 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
F5YC6

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638617
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0877.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.65 | 13 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0877.D
Lab Smp Id: 350638617  Client Smp ID: F5YC6
Inj Date  : 29-JUN-2012 02:03  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638617;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1450688 | 48.7589 | 48.7589 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.869 | (0.271) | 1370120 | 49.6151 | 49.6151 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1429565 | 34.2973 | 34.2973 |
| $ 82 2-Butanone-d5 | 46 | 5.223 | 5.228 | (0.757) | 178555 | 82.2384 | 82.2384 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1661564 | 49.0610 | 49.0610(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 905280 | 52.1793 | 52.1793 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3750031 | 51.1951 | 51.1951 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2900225 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1094285 | 52.8593 | 52.8593 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.539 | (1.092) | 66559 | 1169.81 | 1169.81 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3599048 | 52.3649 | 52.3649 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 808867 | 52.1452 | 52.1452 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 23721 | 1.38889 | 1.38889 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 230966 | 88.5274 | 88.5274 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2466313 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 593257 | 48.4301 | 48.4301 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1011327 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 902064 | 52.1134 | 52.1134 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0877.D
Lab Smp Id: 350638617  Client Smp ID: F5YC6
Inj Date  : 29-JUN-2012 02:03  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638617;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

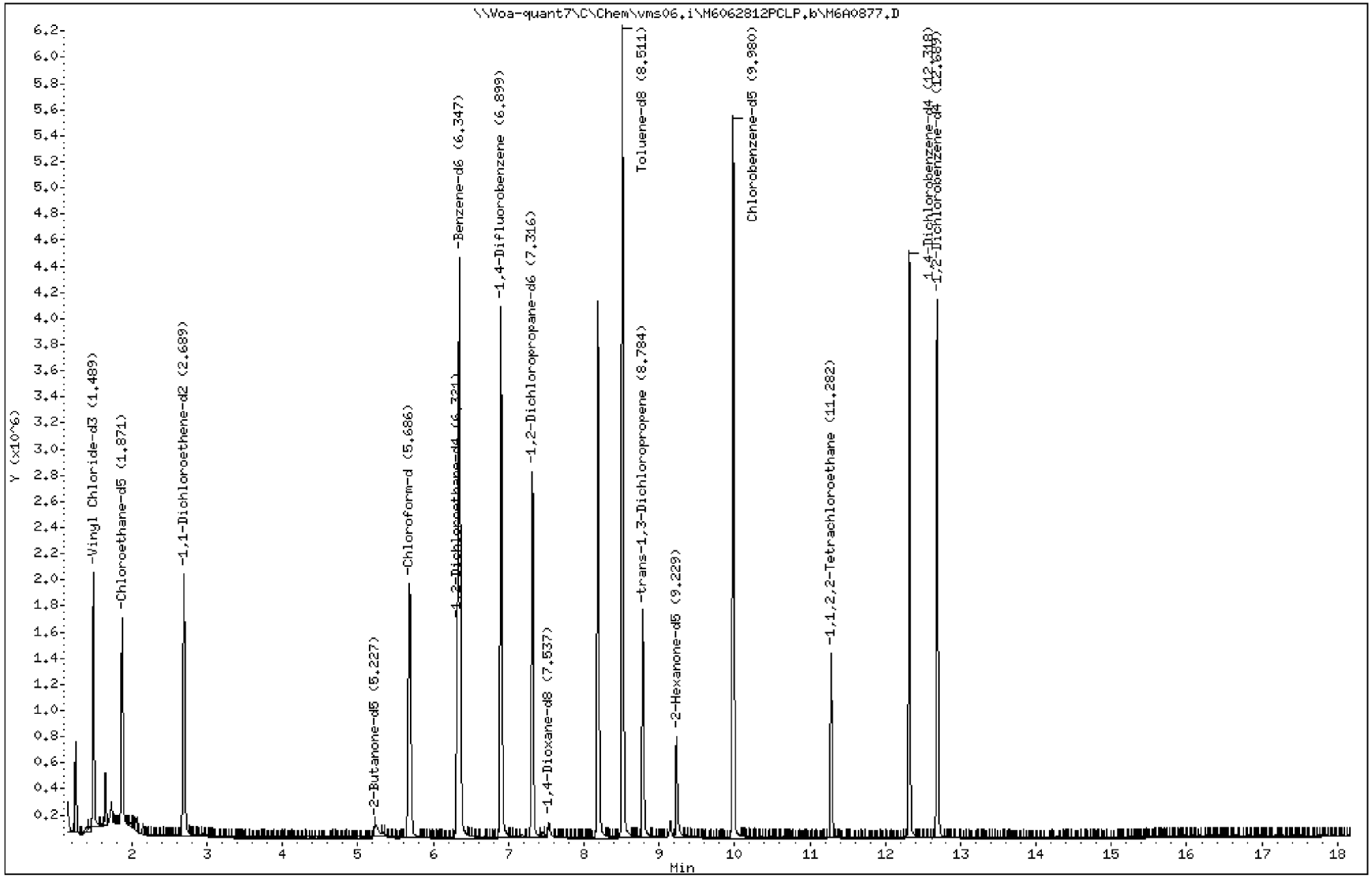
| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.899 | 11644520 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.650 | 3089560 | 13.2661524 | 13.2662 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0877.D
Date : 29-JUN-2012 02:03
Client ID: F5YC6
Sample Info: 350638617;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0877.D



Date : 29-JUN-2012 02:03

Client ID: F5YC6

Instrument: vms06.i

Sample Info: 350638617;3506386;1;

Purge Volume: 5.0

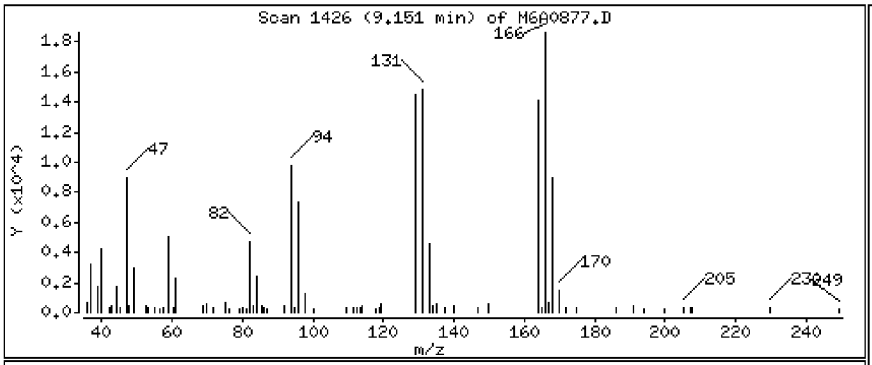
Operator: MST

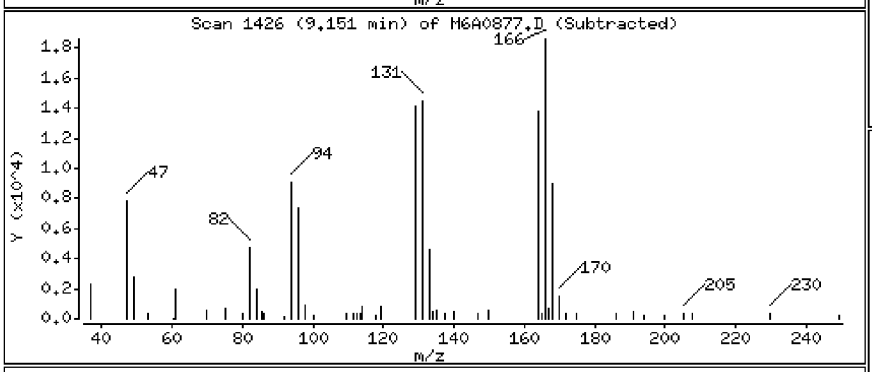
Column phase: DB-624

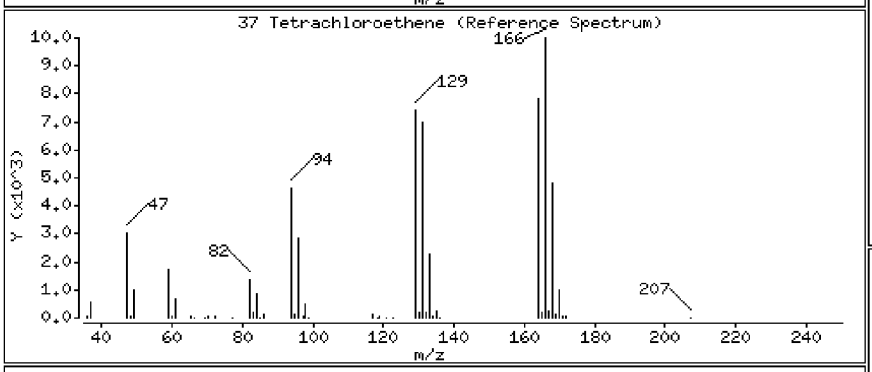
Column diameter: 0.18

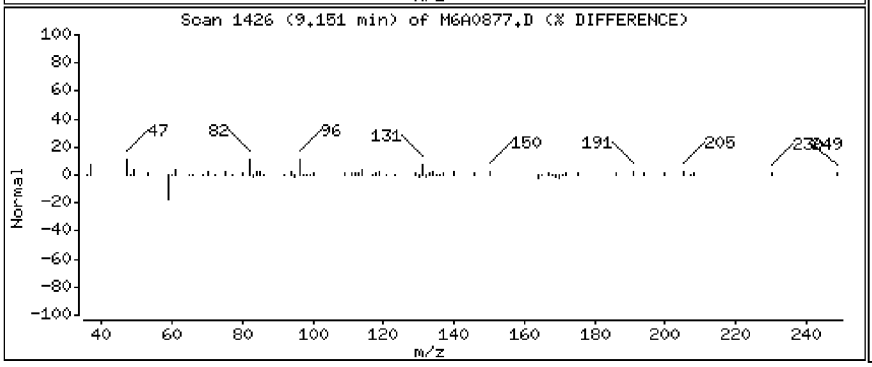
37 Tetrachloroethene

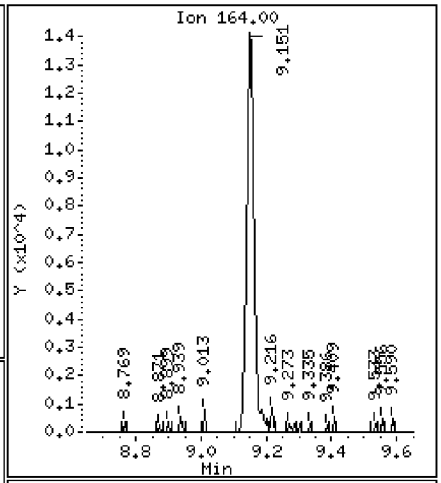
Concentration: 1.38889 ug/L

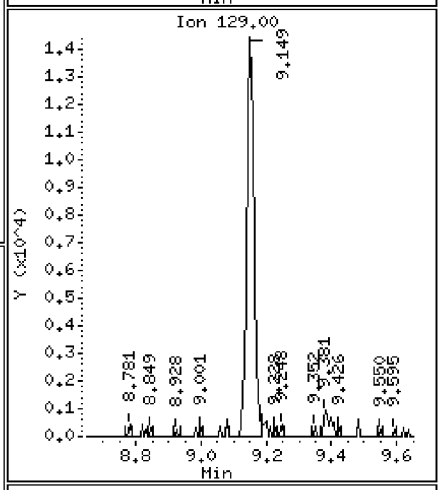


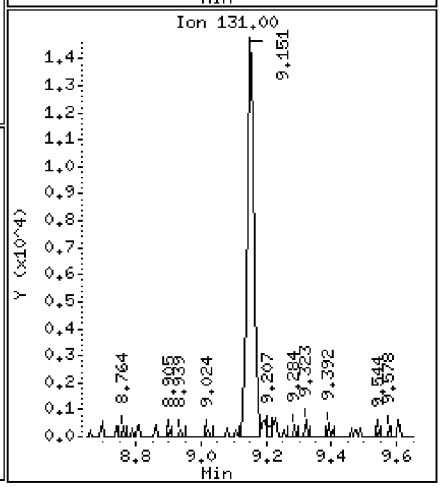



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0877.D 

Date : 29-JUN-2012 02:03

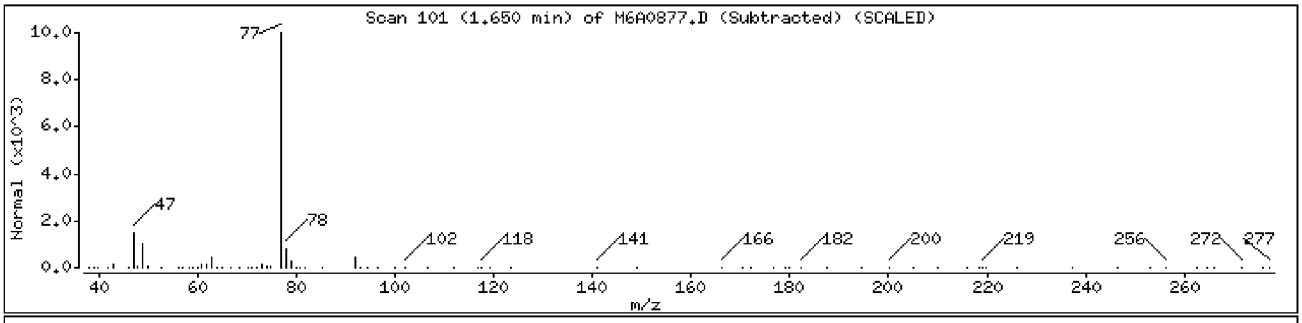
Client ID: F5YC6 Instrument: vms06.i

Sample Info: 350638617;3506386;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC7

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638618

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0924.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/30/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 170 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 0.53 | JB |
| 156-60-5 | trans-1,2-Dichloroethene | 5.1 | |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 40 | |
| 156-59-2 | cis-1,2-Dichloroethene | 350 | E |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 1.8 | J |
| 123-91-1 | 1,4-Dioxane | 160 | |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC7

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638618

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0924.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/30/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 130 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 2.2 | J |
| 127-18-4 | Tetrachloroethene | 50 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YC7

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638618
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0924.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/30/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | 1127-76-0 | Naphthalene, 1-ethyl- | 15.85 | 11 | NJ |
| 02 | 581-42-0 | Naphthalene, 2,6-dimethyl- | 15.904 | 16 | NJ |
| 03 | 581-40-8 | Naphthalene, 2,3-dimethyl- | 16.033 | 12 | NJ |
| 04 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D
Lab Smp Id: 350638618  Client Smp ID: F5YC7
Inj Date : 30-JUN-2012 00:38  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638618;3506391;1;
Misc Info :
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1437670 | 36.9551 | 36.9551 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.870 | (0.271) | 1459437 | 40.4181 | 40.4181 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.702 | 2.693 | (0.392) | 4311284 | 79.1038 | 79.1038(R) |
| 7 1,1-Dichloroethene | 96 | 2.708 | 2.707 | (0.393) | 4309320 | 174.713 | 174.713(QH) |
| 12 Methylene Chloride | 84 | 3.330 | 3.323 | (0.483) | 12188 | 0.52738 | 0.527384(QH) |
| 13 trans-1,2-Dichloroethene | 96 | 3.724 | 3.718 | (0.540) | 126697 | 5.12999 | 5.12999 |
| 15 1,1-Dichloroethane | 63 | 4.368 | 4.369 | (0.633) | 1908751 | 40.4275 | 40.4275 |
| $ 82 2-Butanone-d5 | 46 | 5.220 | 5.226 | (0.757) | 287051 | 101.111 | 101.111 |
| 17 cis-1,2-Dichloroethene | 96 | 5.244 | 5.247 | (0.760) | 8394004 | 350.701 | 350.701(A) |
| $ 83 Chloroform-d | 84 | 5.686 | 5.687 | (0.824) | 2065233 | 46.6362 | 46.6362(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.319 | 6.321 | (0.916) | 1132061 | 49.9022 | 49.9022 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 4789866 | 51.2793 | 51.2793 |
| 24 1,2-Dichloroethane | 62 | 6.416 | 6.415 | (0.930) | 56433 | 1.84392 | 1.84392 |
| * 26 1,4-Difluorobenzene | 114 | 6.898 | 6.899 | (1.000) | 3792247 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.180 | 7.181 | (0.719) | 3290761 | 126.803 | 126.803 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1370965 | 51.9329 | 51.9329 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.535 | 7.536 | (1.092) | 90401 | 1215.12 | 1215.12(Q) |
| 93 1,4-Dioxane | 88 | 7.603 | 7.594 | (1.102) | 15942 | 155.668 | 155.668(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 4560657 | 52.0361 | 52.0361 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.783 | (0.880) | 996031 | 50.3541 | 50.3541 |
| 36 1,1,2-Trichloroethane | 97 | 8.994 | 8.991 | (0.901) | 32315 | 2.23102 | 2.23102 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.149 | (0.917) | 1080796 | 49.6253 | 49.6253 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.227 | (0.925) | 312346 | 93.8837 | 93.8837 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 3145020 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.281 | (1.130) | 757676 | 48.5044 | 48.5044 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.318 | (1.000) | 1356527 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 1185027 | 51.0391 | 51.0391 |

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D
Lab Smp Id: 350638618 Client Smp ID: F5YC7
Inj Date : 30-JUN-2012 00:38 MS Autotune Date: 27-JUN-2012 05:39
Operator : MST Inst ID: vms06.i
Smp Info : 350638618;3506391;1;
Misc Info :
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47 Cal File: M6A0796.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 78 1,4-Dichlorobenzene-d4 | 12.319 | 9522881 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Biphenyl | | | | | CAS #: 92-52-4 | | |
| 15.696 | 2061291 | 10.8228309 | 10.8228 | 93 | NIST2002.L | 25895 | 78 |
| Naphthalene, 1-ethyl- | | | | | CAS #: 1127-76-0 | | |
| 15.850 | 2034427 | 10.6817819 | 10.6818 | 93 | NIST2002.L | 27162 | 78 |
| Naphthalene, 2,6-dimethyl- | | | | | CAS #: 581-42-0 | | |
| 15.904 | 3046045 | 15.9932927 | 15.9933 | 98 | NIST2002.L | 27167 | 78 |
| Naphthalene, 2,3-dimethyl- | | | | | CAS #: 581-40-8 | | |
| 16.033 | 2254700 | 11.8383261 | 11.8383 | 97 | NIST2002.L | 27180 | 78 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D

Page 4

Date : 30-JUN-2012 00:38

Client ID: F5YC7

Instrument: vms06.i

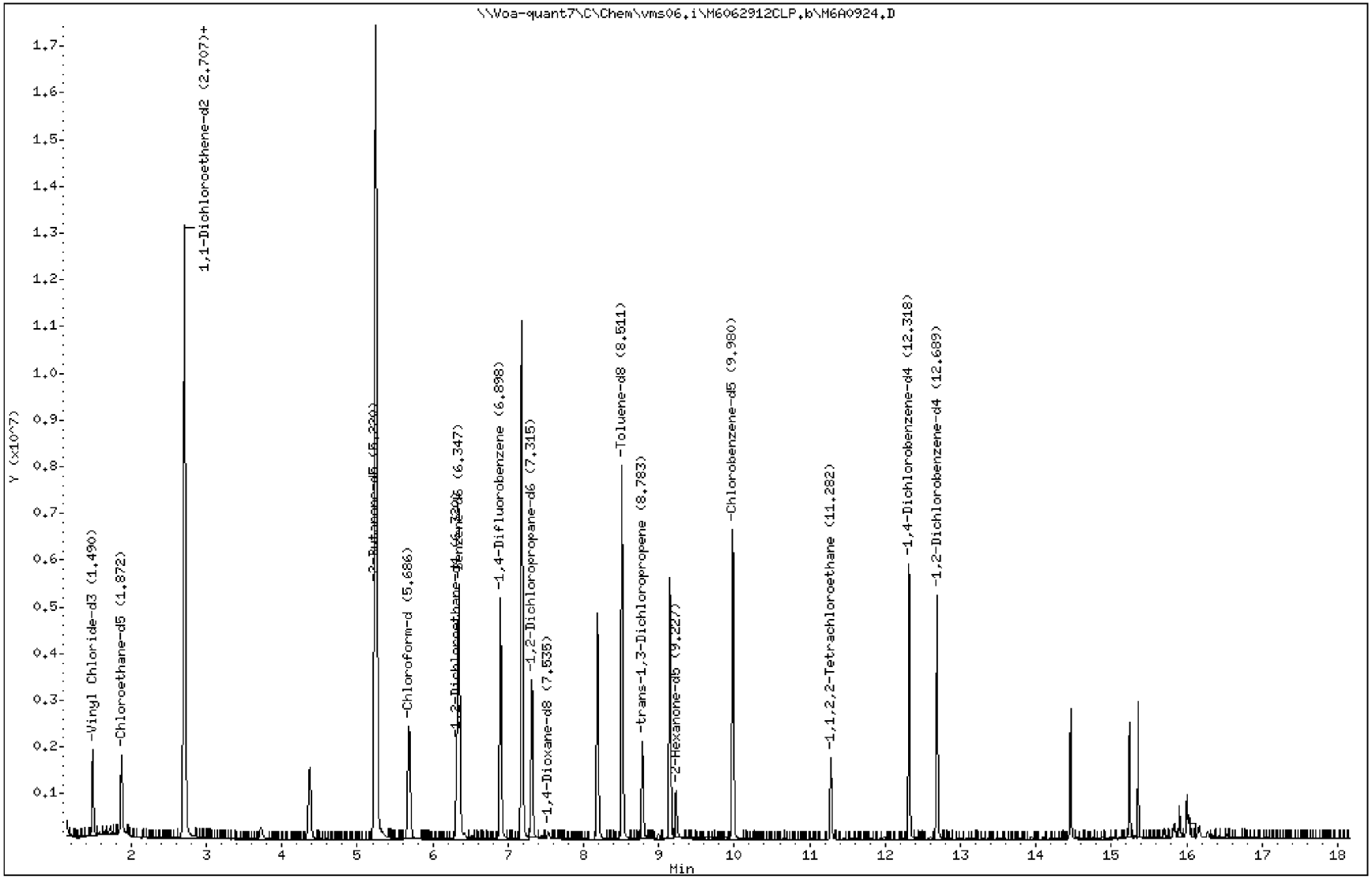
Sample Info: 350638618;3506391;1;

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



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Date : 30-JUN-2012 00:38

Client ID: F5YC7

Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0

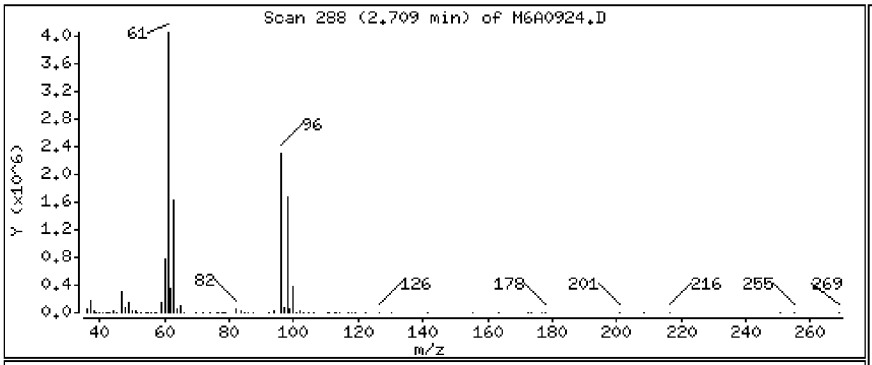
Operator: MST

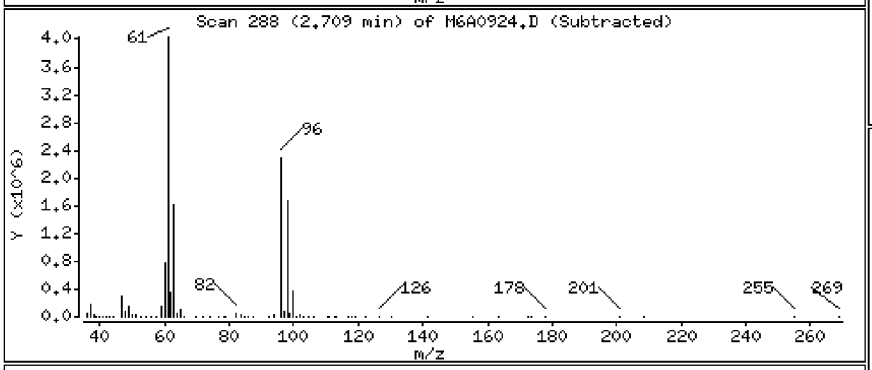
Column phase: DB-624

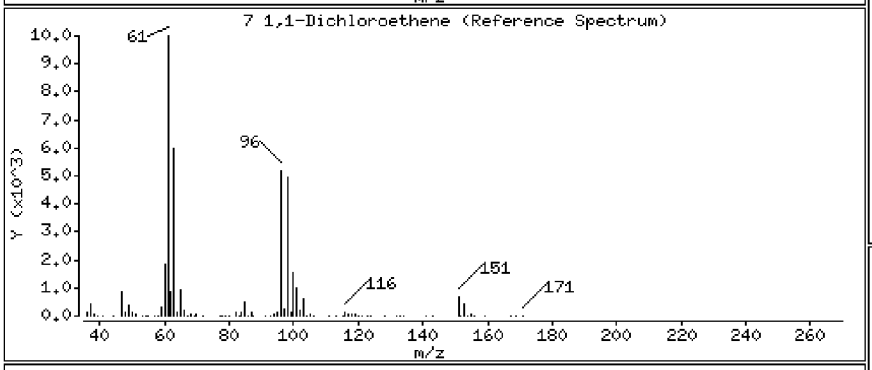
Column diameter: 0.18

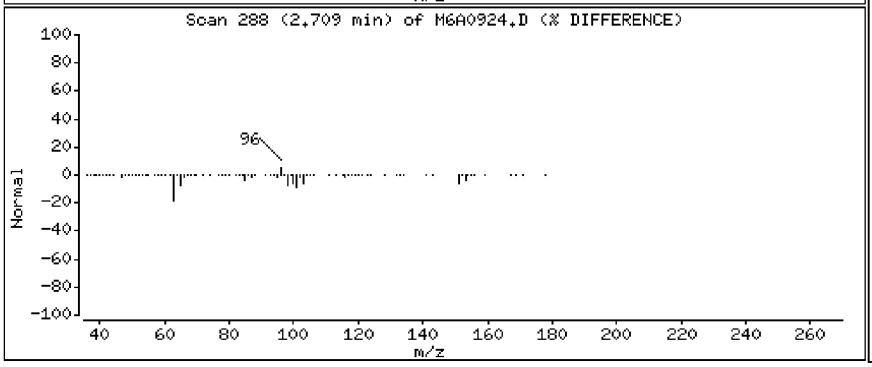
7 1,1-Dichloroethene

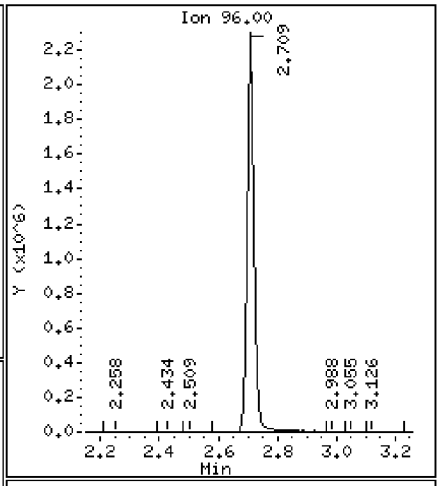
Concentration: 174.713 ug/L

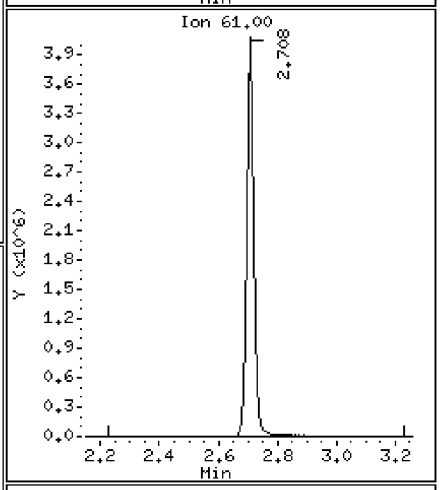


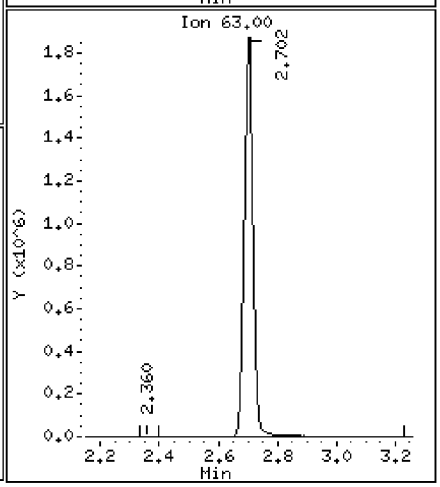



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Date : 30-JUN-2012 00:38

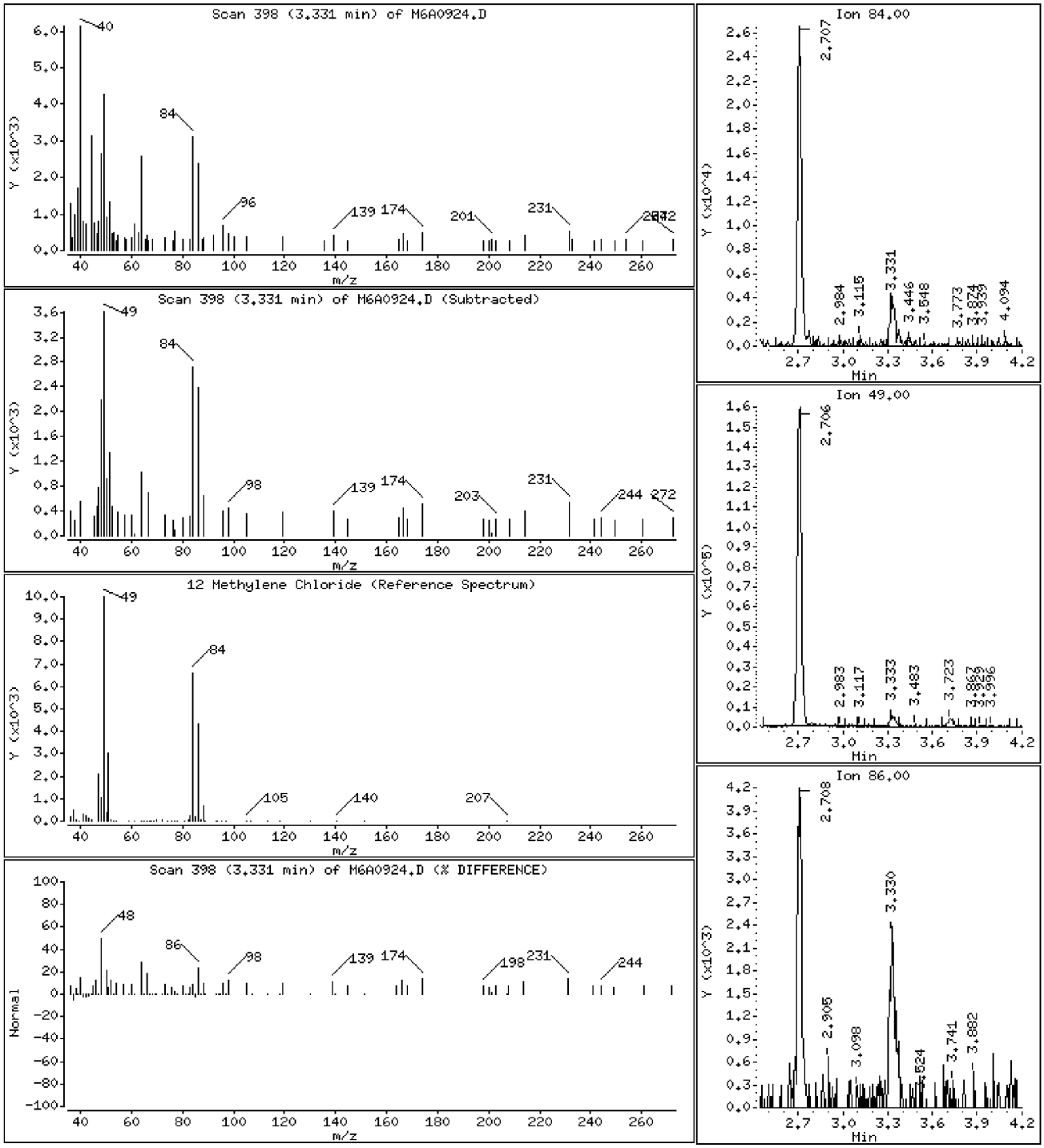
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

12 Methylene Chloride Concentration: 0.527384 ug/L



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Date : 30-JUN-2012 00:38

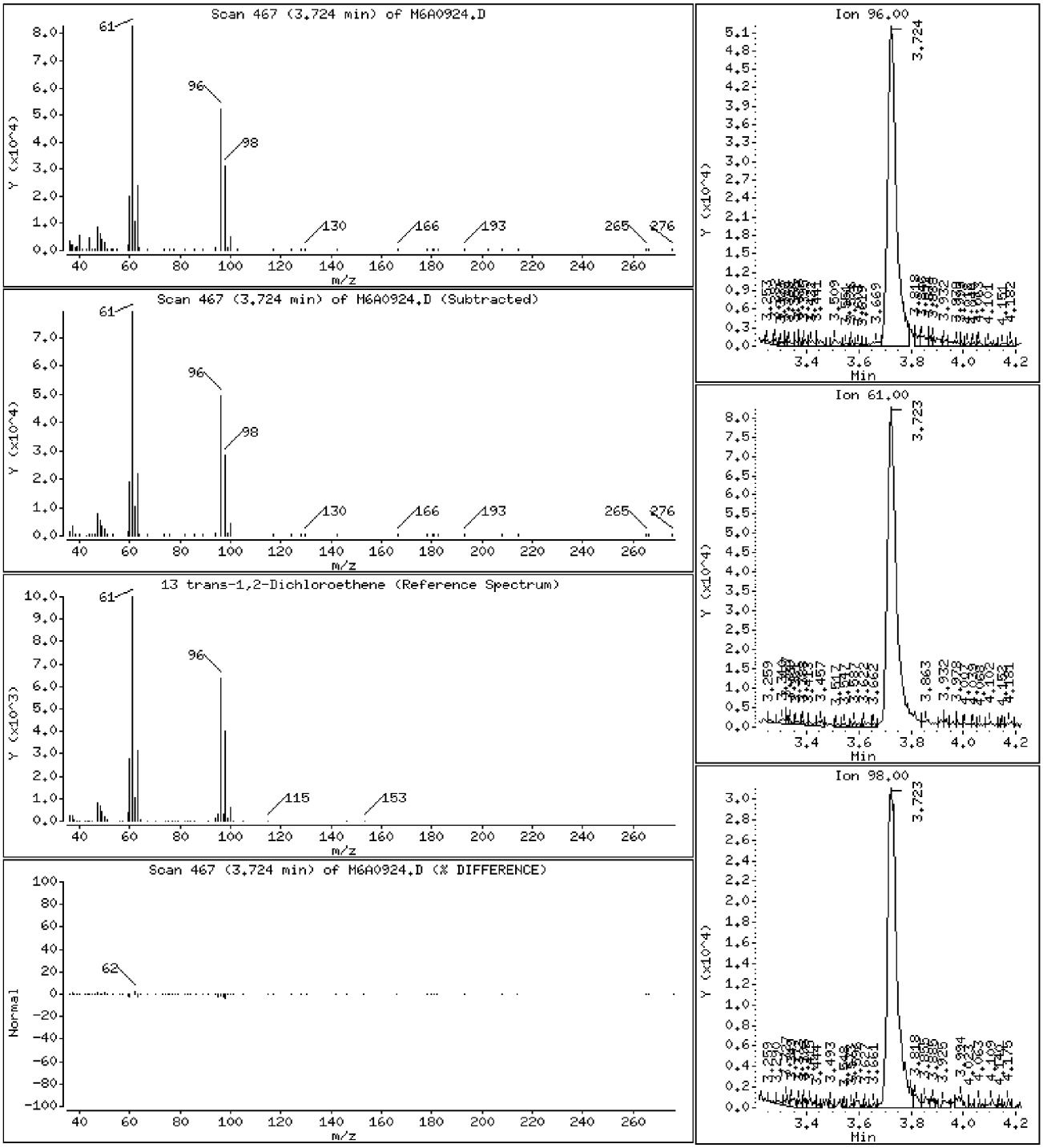
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

13 trans-1,2-Dichloroethene Concentration: 5.12999 ug/L



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Date : 30-JUN-2012 00:38

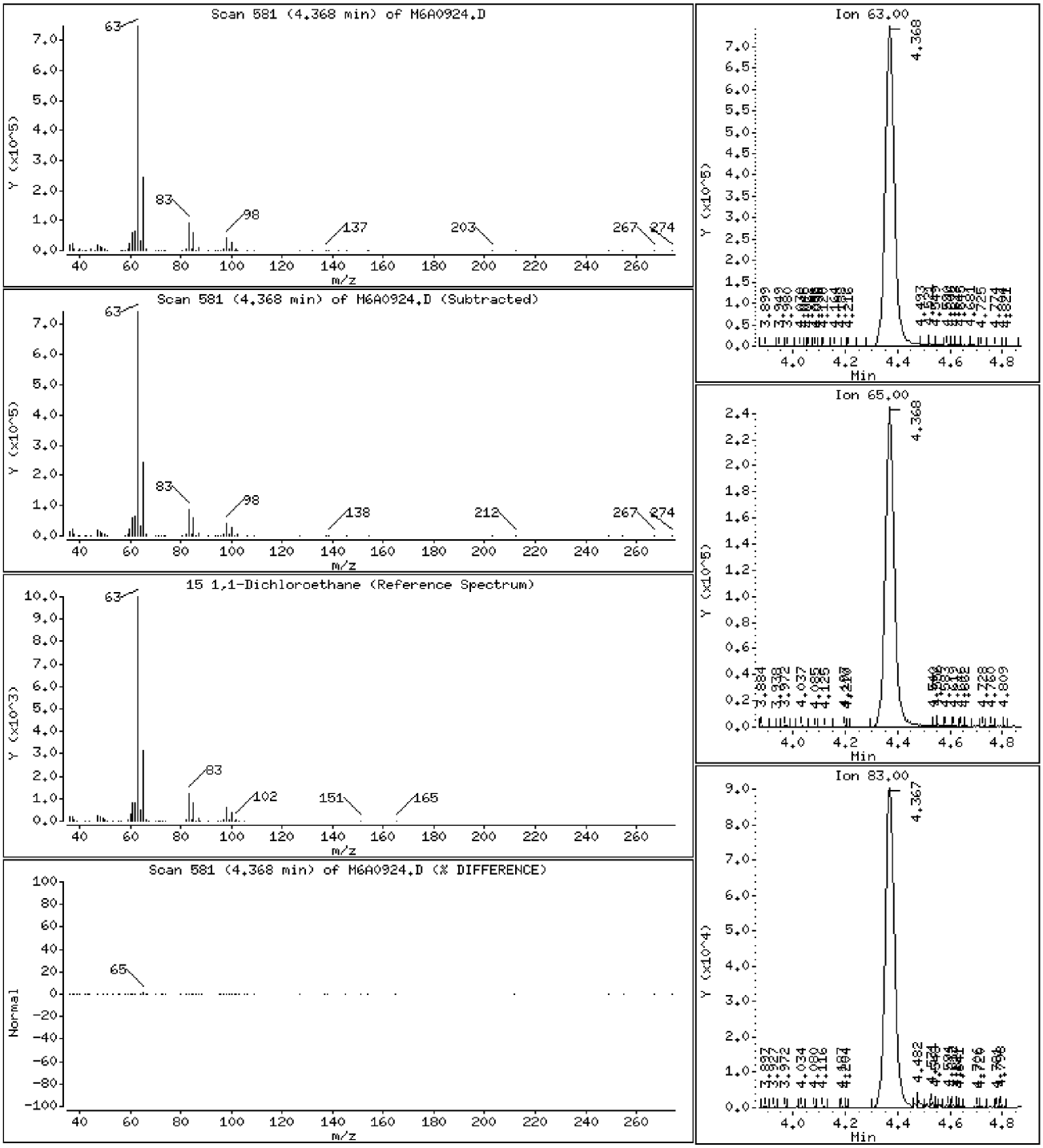
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

15 1,1-Dichloroethane Concentration: 40.4275 ug/L



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Date : 30-JUN-2012 00:38

Client ID: F5YC7

Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0

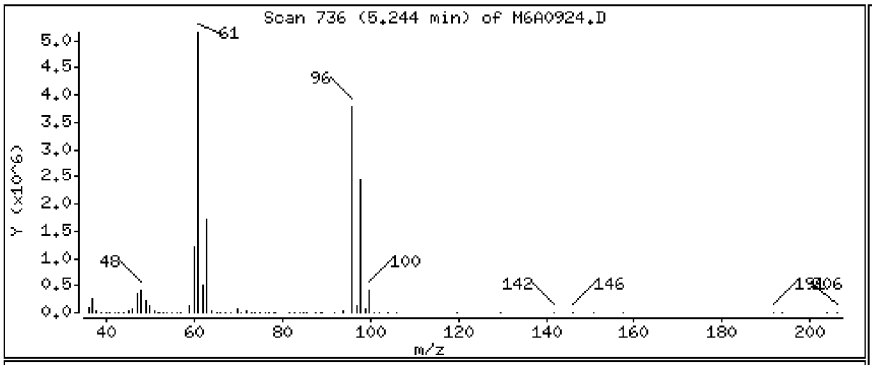
Operator: MST

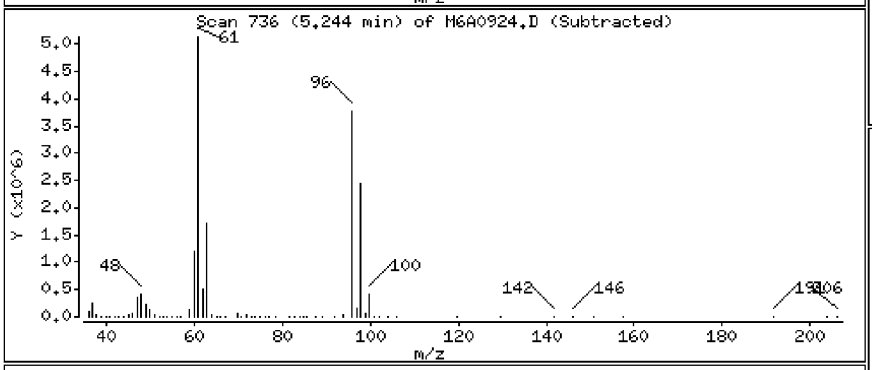
Column phase: DB-624

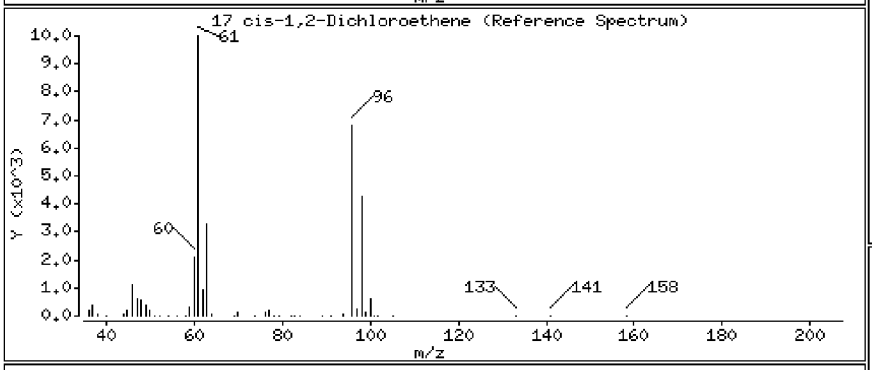
Column diameter: 0.18

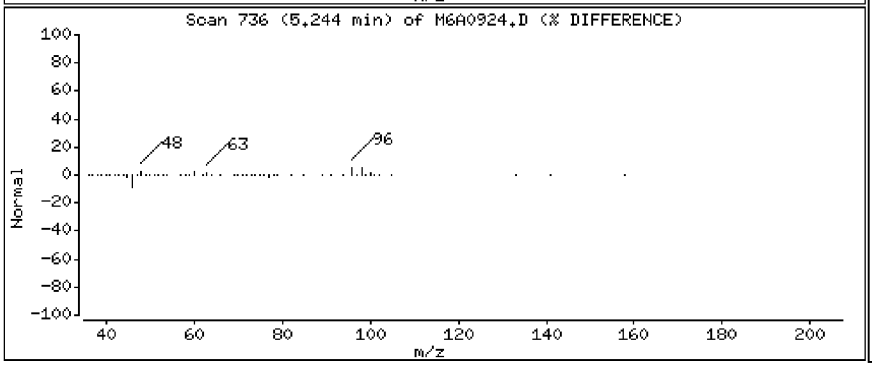
17 cis-1,2-Dichloroethene

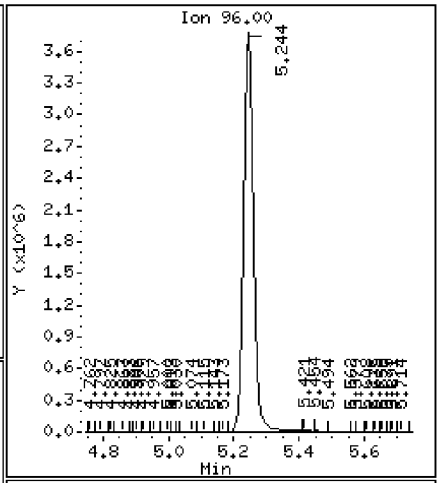
Concentration: 350.701 ug/L

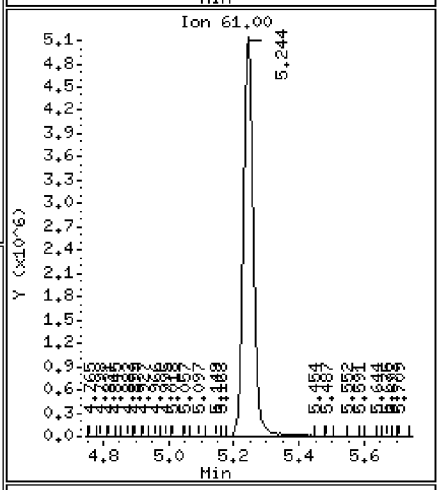


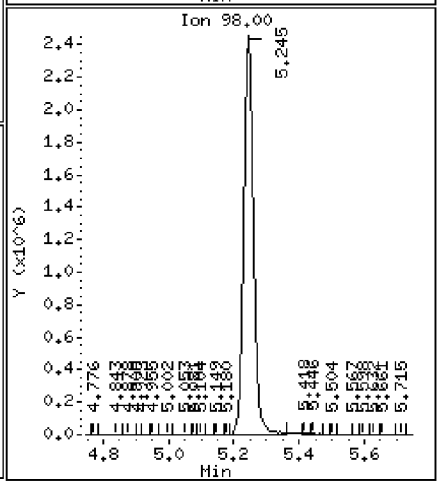



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D



Date : 30-JUN-2012 00:38

Client ID: F5YC7

Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0

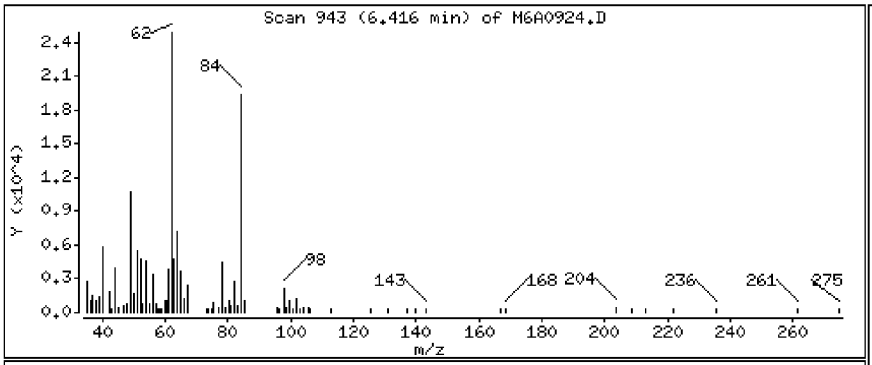
Operator: MST

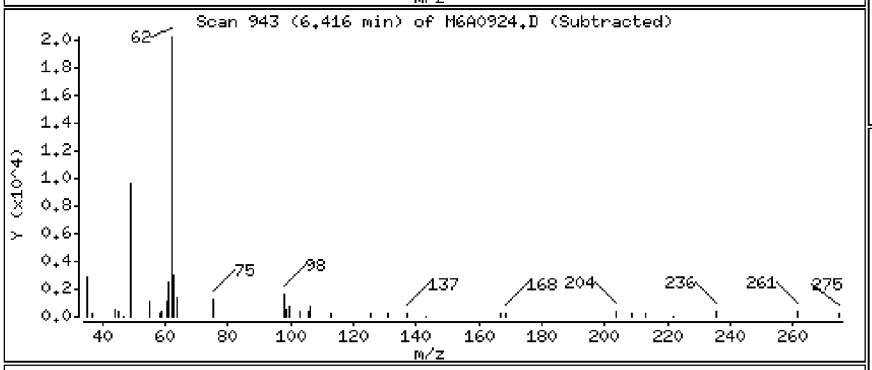
Column phase: DB-624

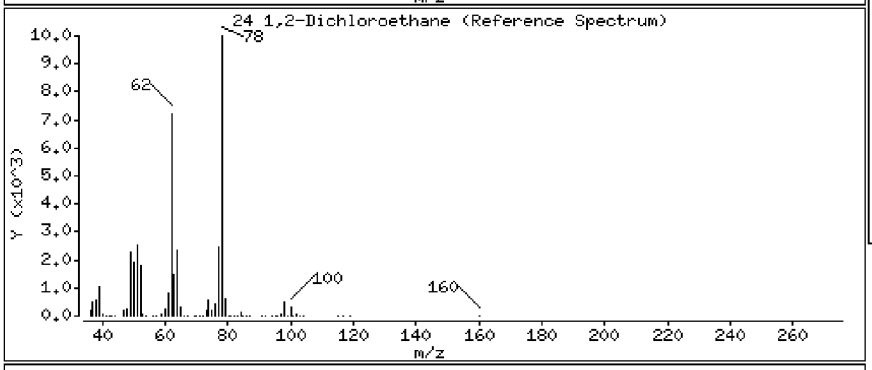
Column diameter: 0.18

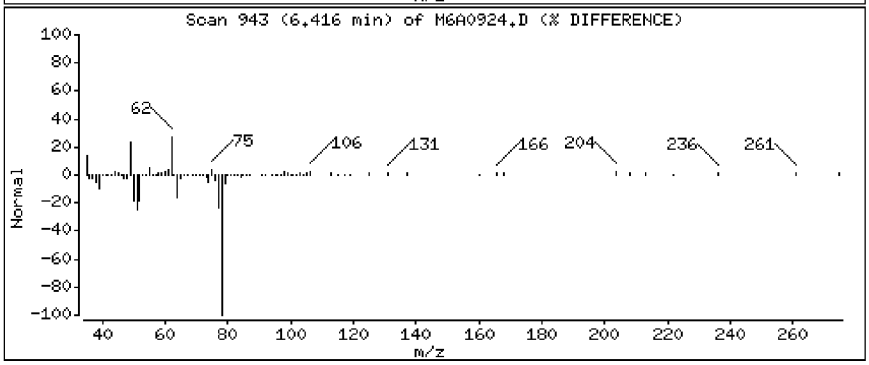
24 1,2-Dichloroethane

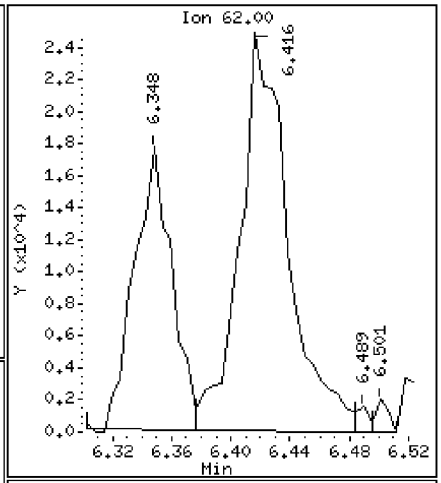
Concentration: 1.84392 ug/L

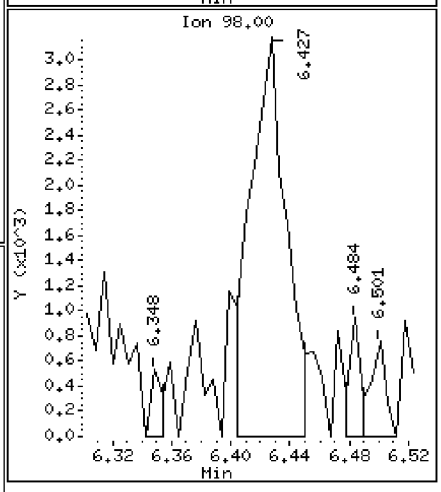


Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

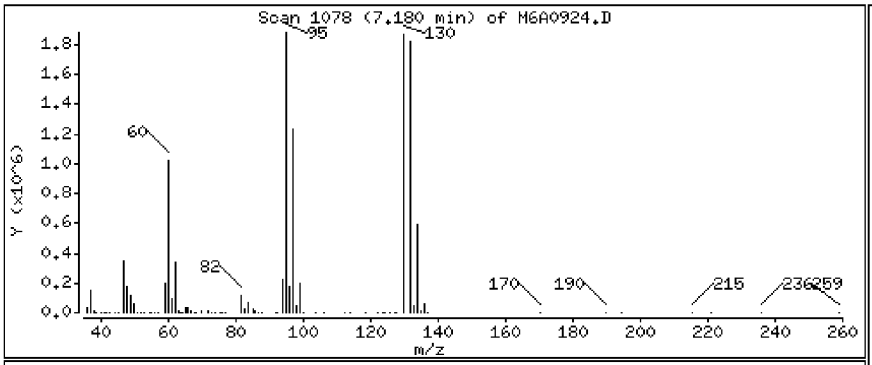
Client ID: F5YC7 Instrument: vms06.i

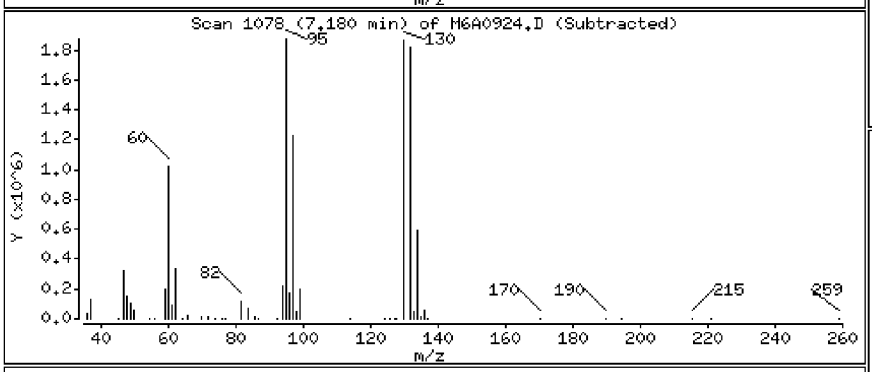
Sample Info: 350638618;3506391;1;

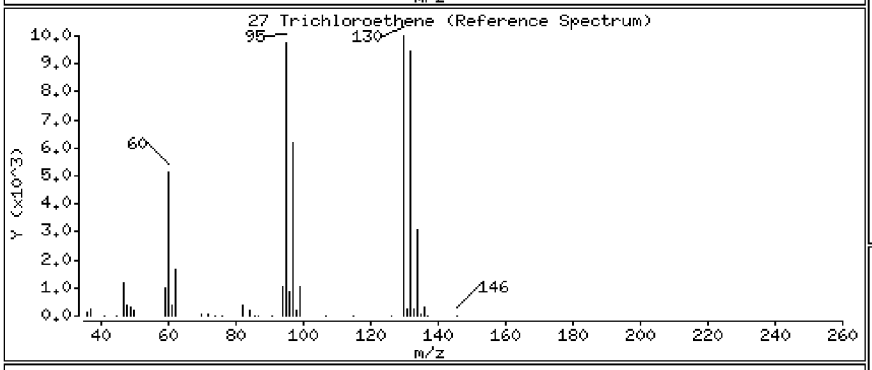
Purge Volume: 5.0 Operator: MST

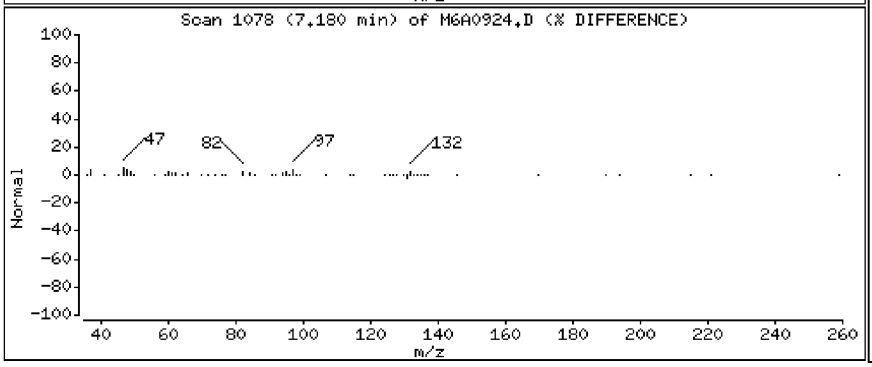
Column phase: DB-624 Column diameter: 0.18

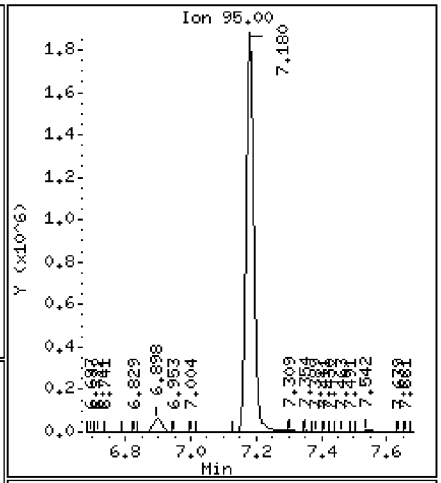
27 Trichloroethene Concentration: 126.803 ug/L

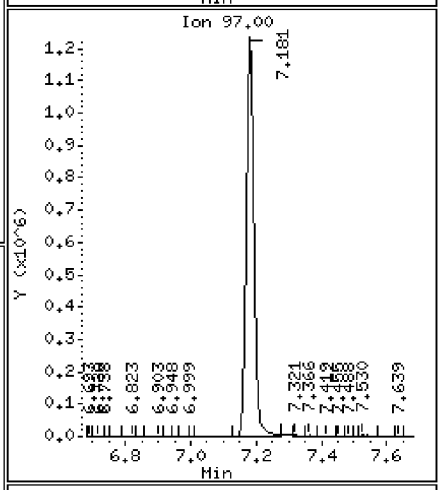


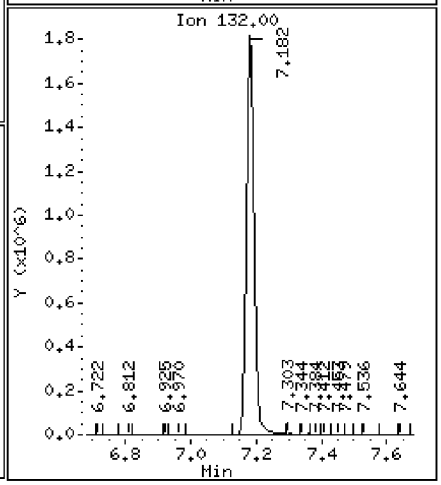



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

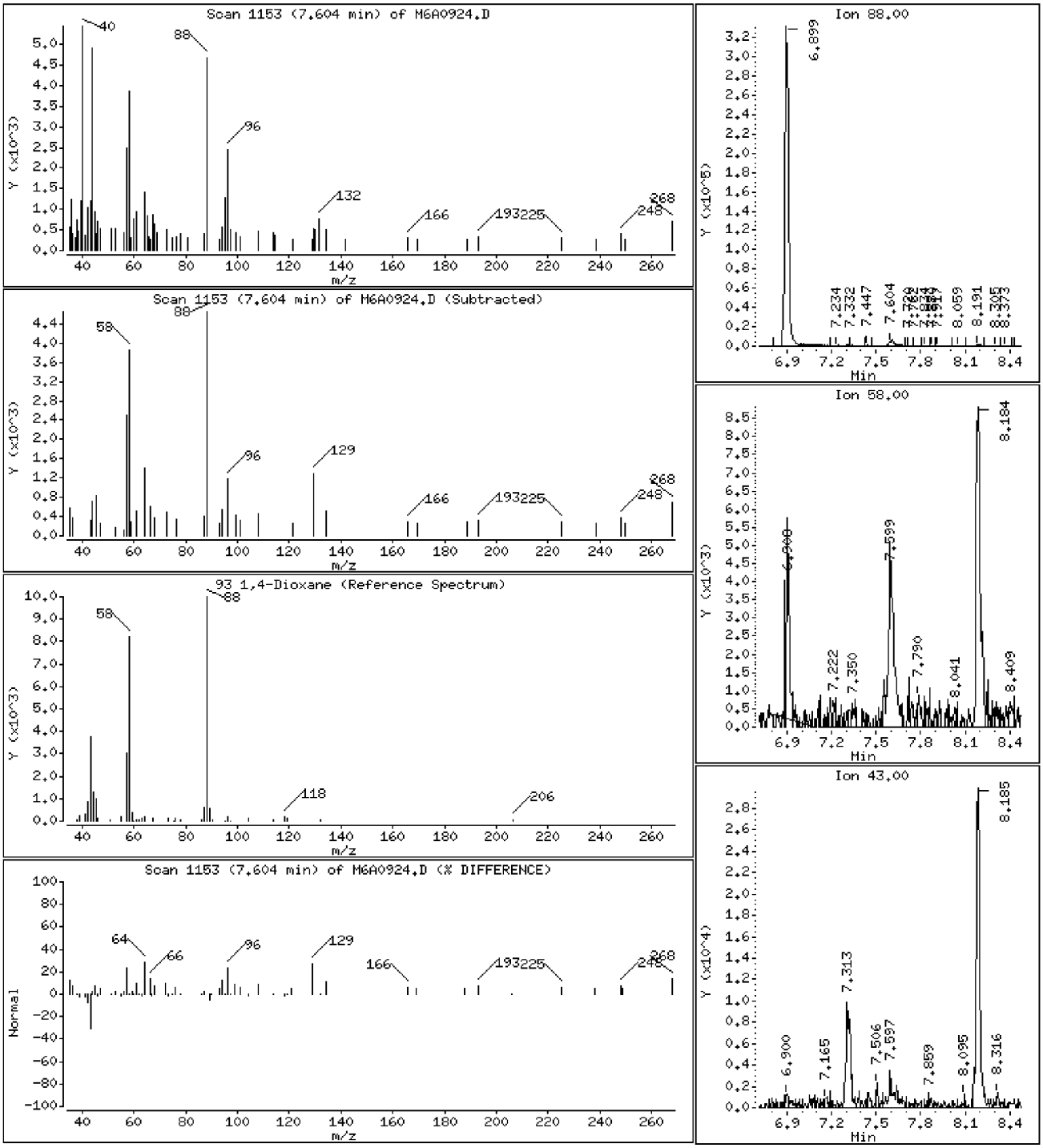
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

93 1,4-Dioxane Concentration: 155.668 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

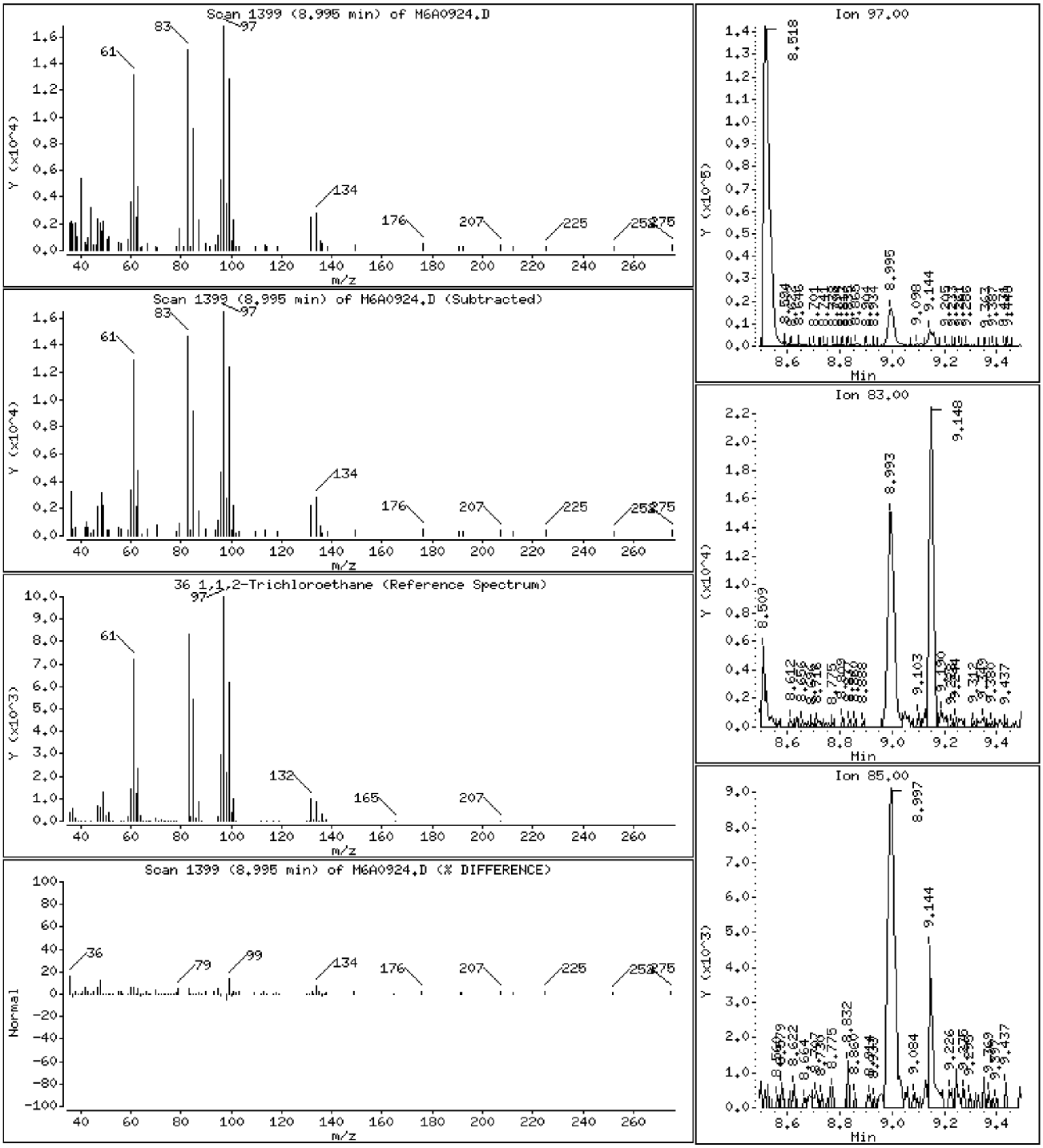
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

36 1,1,2-Trichloroethane Concentration: 2.23102 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

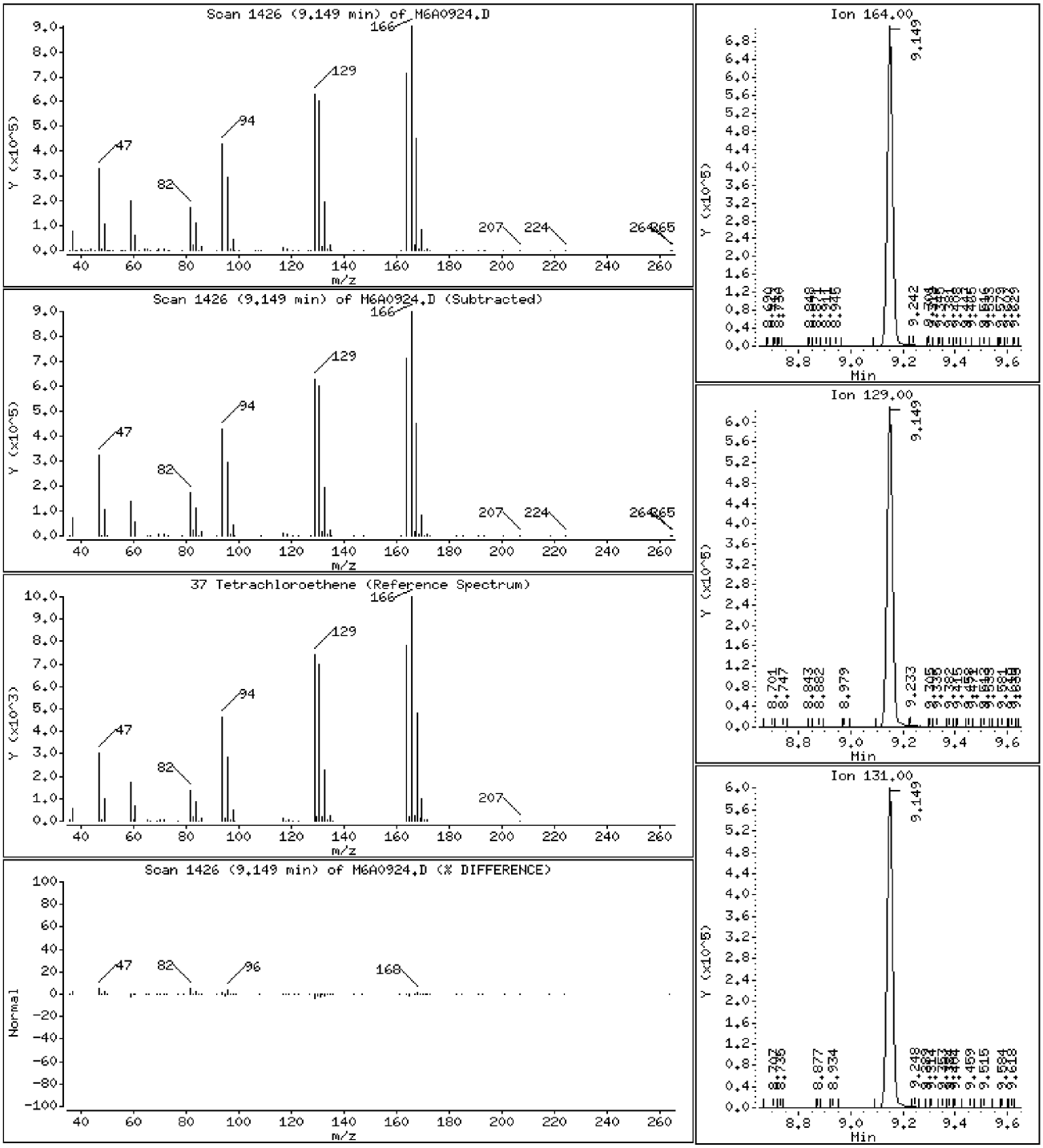
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

37 Tetrachloroethene Concentration: 49.6253 ug/L



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Date : 30-JUN-2012 00:38

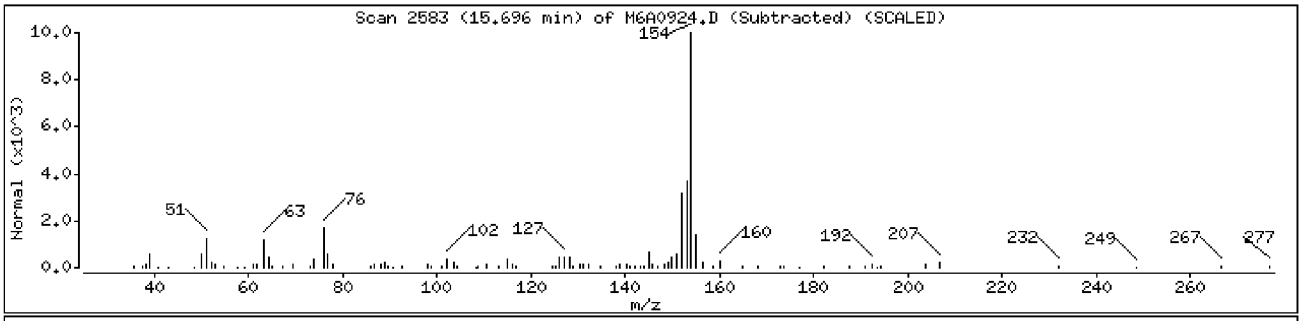
Client ID: F5YC7 Instrument: vms06.i

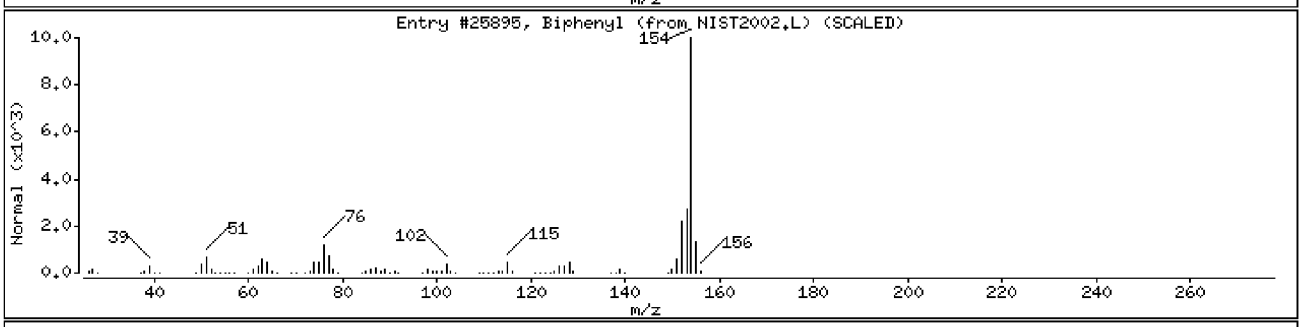
Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Biphenyl | 92-52-4 | NIST2002.L | 25895 | 93 | C12H10 | 154 |



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

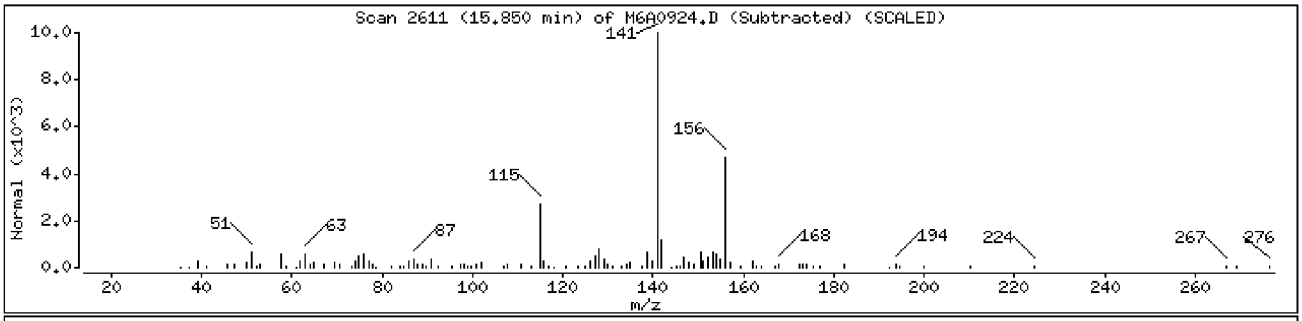
Client ID: F5YC7 Instrument: vms06.i

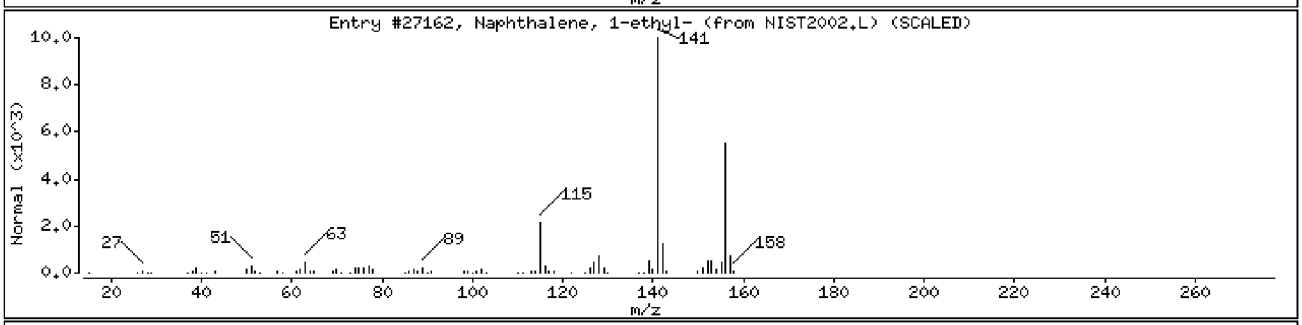
Sample Info: 350638618;3506391;1;

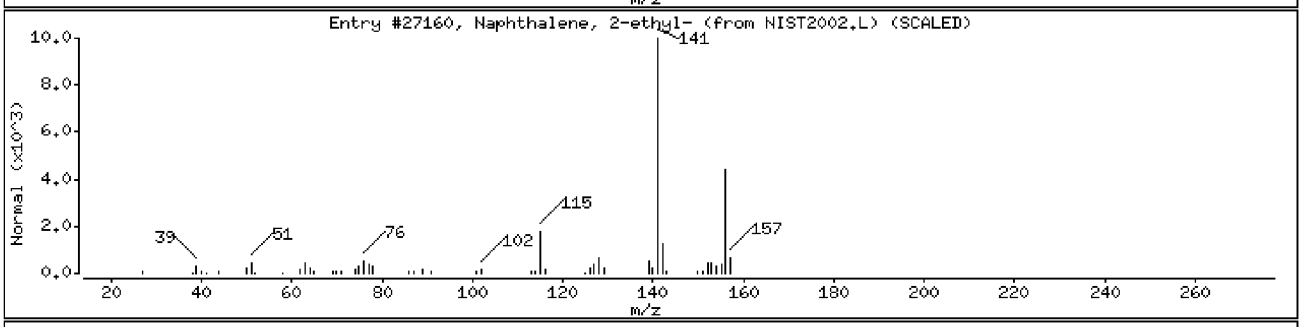
Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Naphthalene, 1-ethyl- | 1127-76-0 | NIST2002.L | 27162 | 93 | C12H12 | 156 |
| Naphthalene, 2-ethyl- | 939-27-5 | NIST2002.L | 27160 | 91 | C12H12 | 156 |



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Date : 30-JUN-2012 00:38

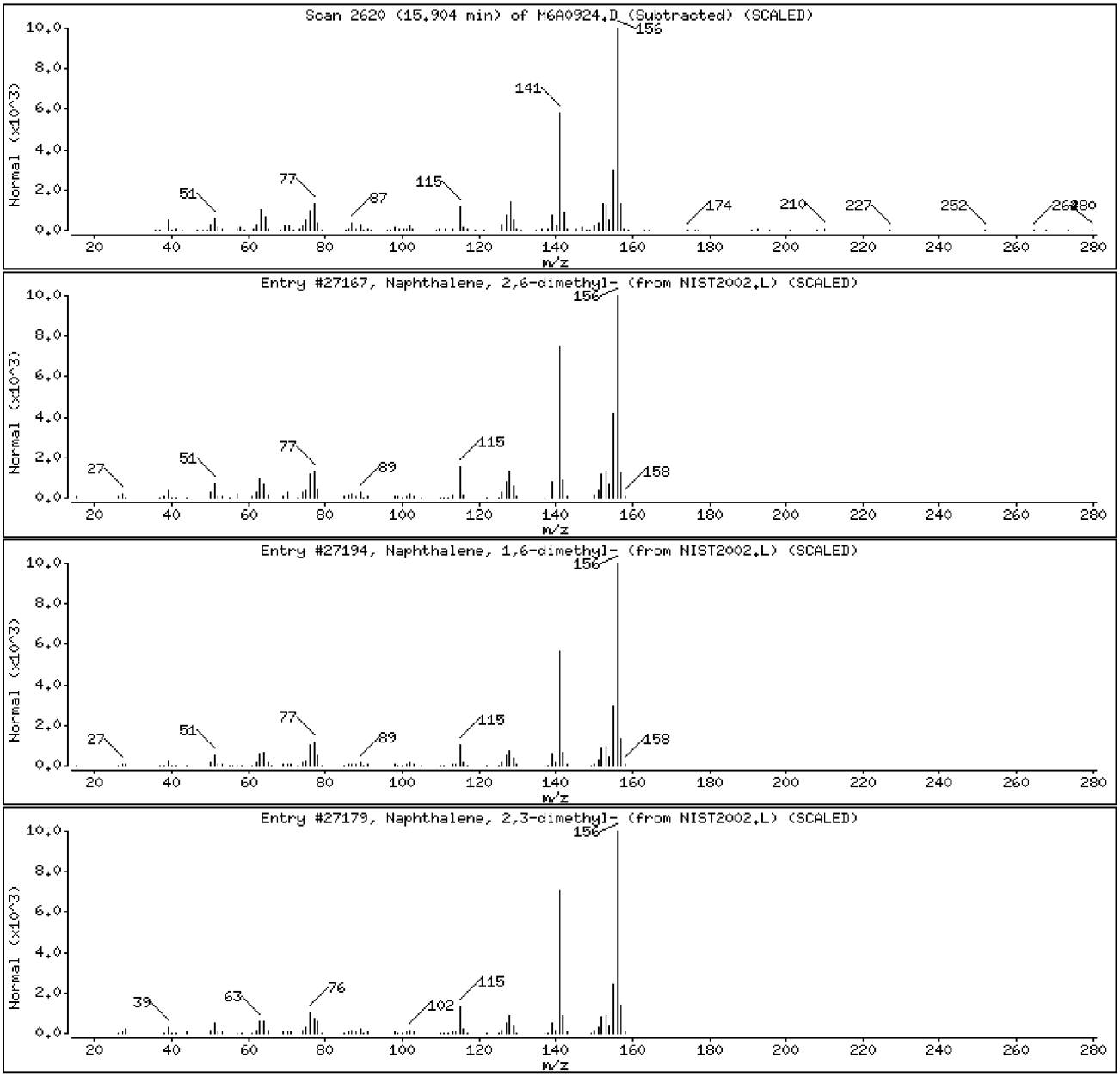
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Naphthalene, 2,6-dimethyl- | 581-42-0 | NIST2002.L | 27167 | 98 | C12H12 | 156 |
| Naphthalene, 1,6-dimethyl- | 575-43-9 | NIST2002.L | 27194 | 98 | C12H12 | 156 |
| Naphthalene, 2,3-dimethyl- | 581-40-8 | NIST2002.L | 27179 | 97 | C12H12 | 156 |



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0924.D 

Date : 30-JUN-2012 00:38

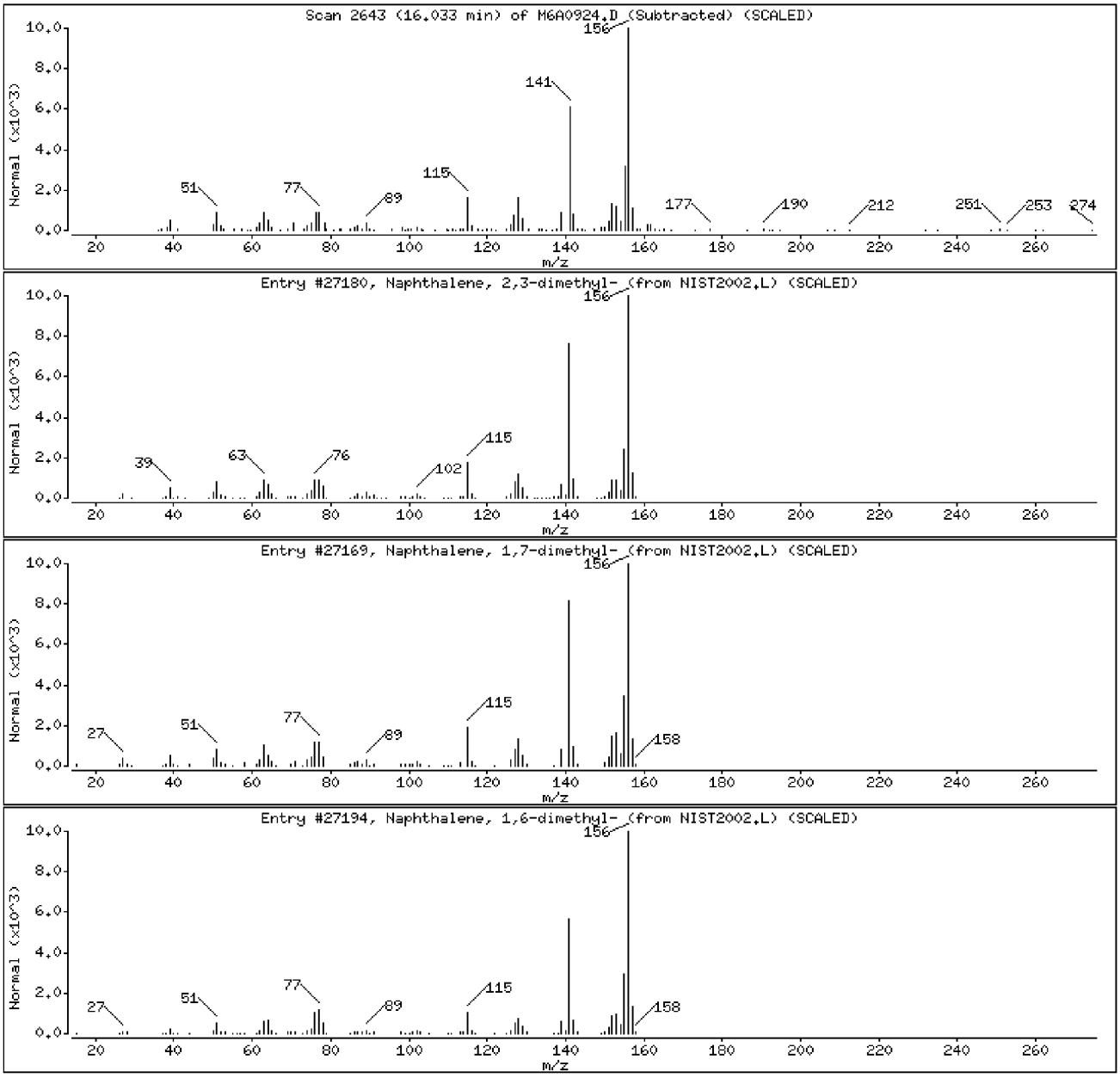
Client ID: F5YC7 Instrument: vms06.i

Sample Info: 350638618;3506391;1;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Naphthalene, 2,3-dimethyl- | 581-40-8 | NIST2002.L | 27180 | 97 | C12H12 | 156 |
| Naphthalene, 1,7-dimethyl- | 575-37-1 | NIST2002.L | 27169 | 96 | C12H12 | 156 |
| Naphthalene, 1,6-dimethyl- | 575-43-9 | NIST2002.L | 27194 | 96 | C12H12 | 156 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
F5YC7DL

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638618
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0878.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/2012
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 4.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 20 | U |
| 74-87-3 | Chloromethane | 20 | U |
| 75-01-4 | Vinyl chloride | 20 | U |
| 74-83-9 | Bromomethane | 20 | U |
| 75-00-3 | Chloroethane | 20 | U |
| 75-69-4 | Trichlorofluoromethane | 20 | U |
| 75-35-4 | 1,1-Dichloroethene | 120 | D |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 20 | U |
| 67-64-1 | Acetone | 40 | U |
| 75-15-0 | Carbon disulfide | 20 | U |
| 79-20-9 | Methyl Acetate | 20 | U |
| 75-09-2 | Methylene chloride | 5.4 | DJB |
| 156-60-5 | trans-1,2-Dichloroethene | 20 | U |
| 1634-04-4 | Methyl tert-butyl ether | 20 | U |
| 75-34-3 | 1,1-Dichloroethane | 33 | D |
| 156-59-2 | cis-1,2-Dichloroethene | 270 | D |
| 78-93-3 | 2-Butanone | 40 | U |
| 74-97-5 | Bromochloromethane | 20 | U |
| 67-66-3 | Chloroform | 20 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 20 | U |
| 110-82-7 | Cyclohexane | 20 | U |
| 56-23-5 | Carbon tetrachloride | 20 | U |
| 71-43-2 | Benzene | 20 | U |
| 107-06-2 | 1,2-Dichloroethane | 20 | U |
| 123-91-1 | 1,4-Dioxane | 400 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC7DL

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638618

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0878.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 4.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 89 | D |
| 108-87-2 | Methylcyclohexane | 20 | U |
| 78-87-5 | 1,2-Dichloropropane | 20 | U |
| 75-27-4 | Bromodichloromethane | 20 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 20 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 40 | U |
| 108-88-3 | Toluene | 20 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 20 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 20 | U |
| 127-18-4 | Tetrachloroethene | 34 | D |
| 591-78-6 | 2-Hexanone | 40 | U |
| 124-48-1 | Dibromochloromethane | 20 | U |
| 106-93-4 | 1,2-Dibromoethane | 20 | U |
| 108-90-7 | Chlorobenzene | 20 | U |
| 100-41-4 | Ethylbenzene | 20 | U |
| 95-47-6 | o-Xylene | 20 | U |
| 179601-23-1 | m,p-Xylene | 20 | U |
| 100-42-5 | Styrene | 20 | U |
| 75-25-2 | Bromoform | 20 | U |
| 98-82-8 | Isopropylbenzene | 20 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 20 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 20 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 20 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 20 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 20 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 20 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YC7DL

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638618
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0878.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 4.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D
Lab Smp Id: 350638618  Client Smp ID: F5YC7DL
Inj Date  : 29-JUN-2012 02:28  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638618;3506386;4;
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 36
Dil Factor: 4.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 4.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1369217 | 46.3855 | 46.3855 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.869 | (0.271) | 1282531 | 46.8116 | 46.8116 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.692 | 2.692 | (0.390) | 1677259 | 40.5589 | 40.5589 |
| 7 1,1-Dichloroethene | 96 | 2.706 | 2.707 | (0.392) | 582334 | 31.1159 | 124.464(Q) |
| 12 Methylene Chloride | 84 | 3.330 | 3.322 | (0.483) | 23595 | 1.34558 | 5.38232 |
| 15 1,1-Dichloroethane | 63 | 4.368 | 4.370 | (0.633) | 292928 | 8.17679 | 32.7072 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.228 | (0.757) | 183012 | 84.9596 | 84.9596 |
| 17 cis-1,2-Dichloroethene | 96 | 5.244 | 5.248 | (0.760) | 1222876 | 67.3356 | 269.342 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1502870 | 44.7271 | 44.7271(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 835070 | 48.5141 | 48.5141 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3430211 | 47.2845 | 47.2845 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2877409 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.720) | 449476 | 22.3007 | 89.2029 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 987153 | 48.1482 | 48.1482 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.534 | 7.539 | (1.092) | 72808 | 1289.79 | 1289.79 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3323849 | 48.8312 | 48.8312 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 733979 | 47.7776 | 47.7776 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 145871 | 8.62399 | 34.4959 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 221168 | 85.5965 | 85.5965 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2442554 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 562085 | 46.3318 | 46.3318 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1012502 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 826685 | 47.7032 | 47.7032 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

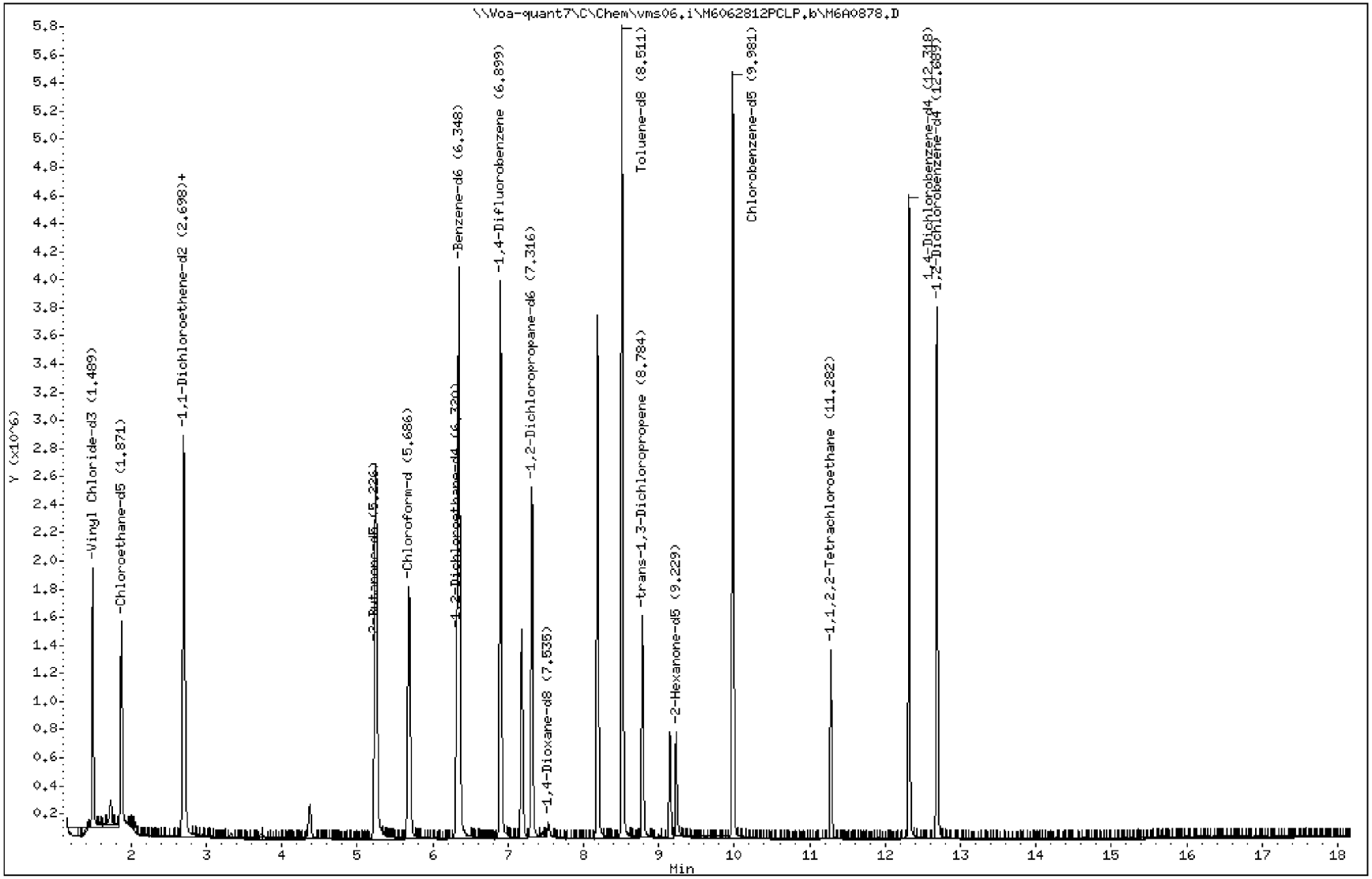
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D
Lab Smp Id: 350638618  Client Smp ID: F5YC7DL
Inj Date  : 29-JUN-2012 02:28  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638618;3506386;4;
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 36
Dil Factor: 4.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D
Date : 29-JUN-2012 02:28
Client ID: F5YC7DL
Sample Info: 350638618;3506386;4;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D 

Date : 29-JUN-2012 02:28

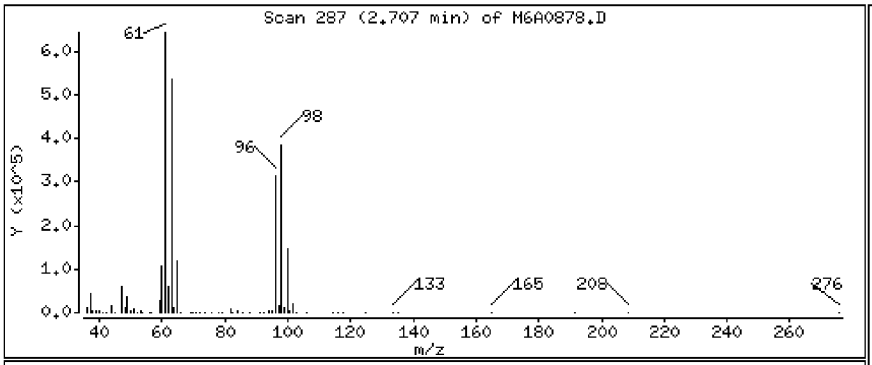
Client ID: F5YC7DL Instrument: vms06.i

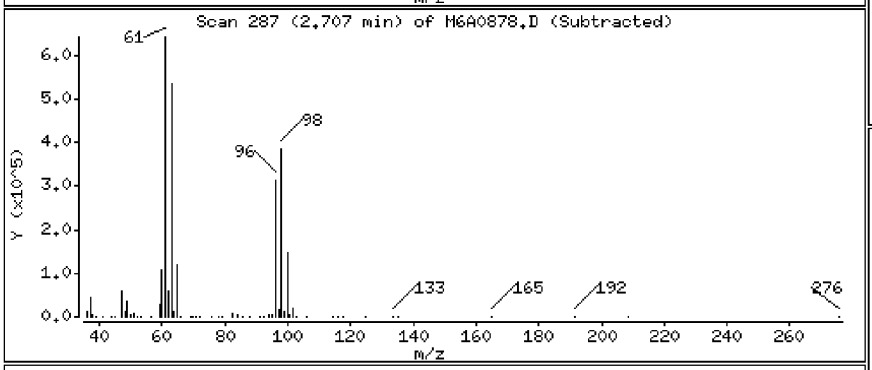
Sample Info: 350638618;3506386;4;

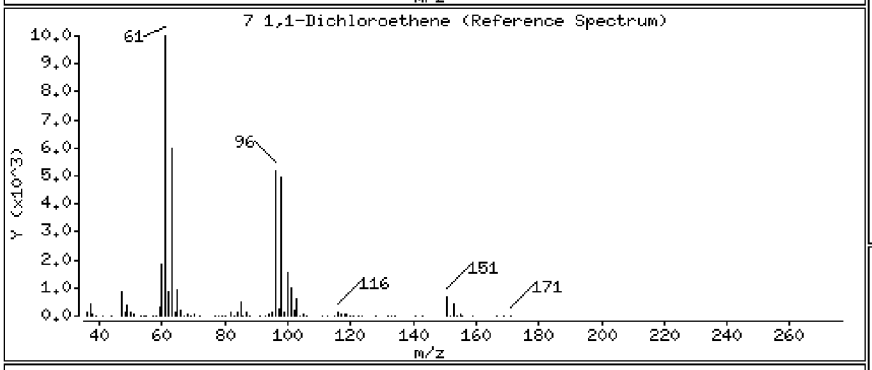
Purge Volume: 5.0 Operator: MST

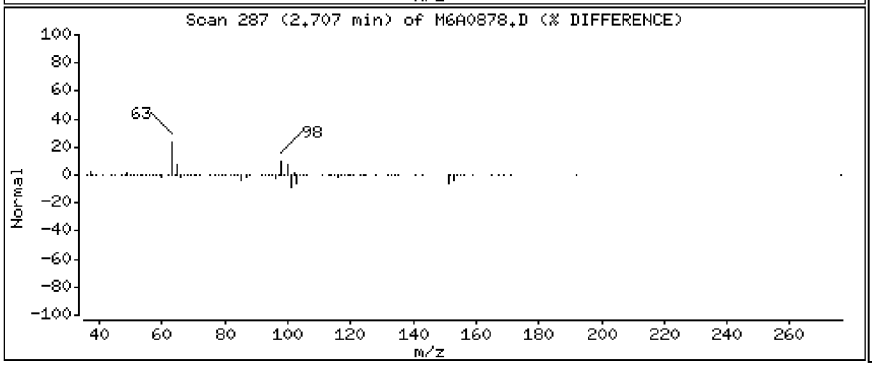
Column phase: DB-624 Column diameter: 0.18

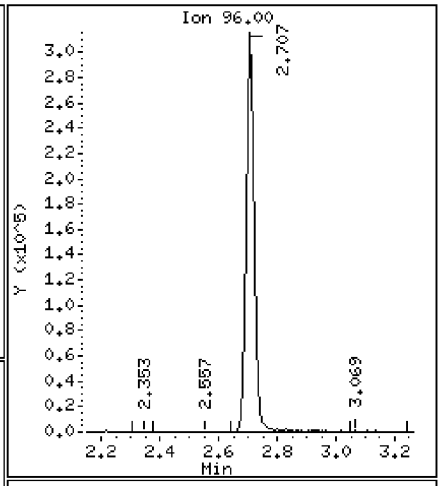
7 1,1-Dichloroethene Concentration: 124.464 ug/L

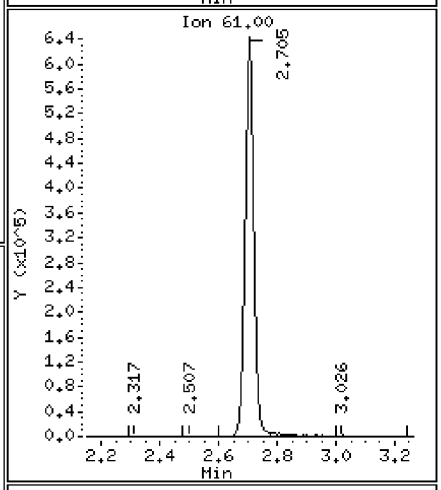


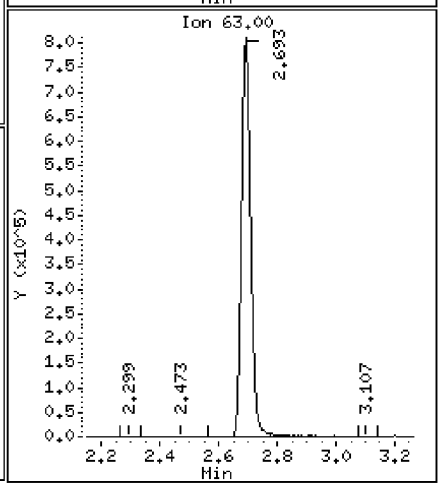



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D 

Date : 29-JUN-2012 02:28

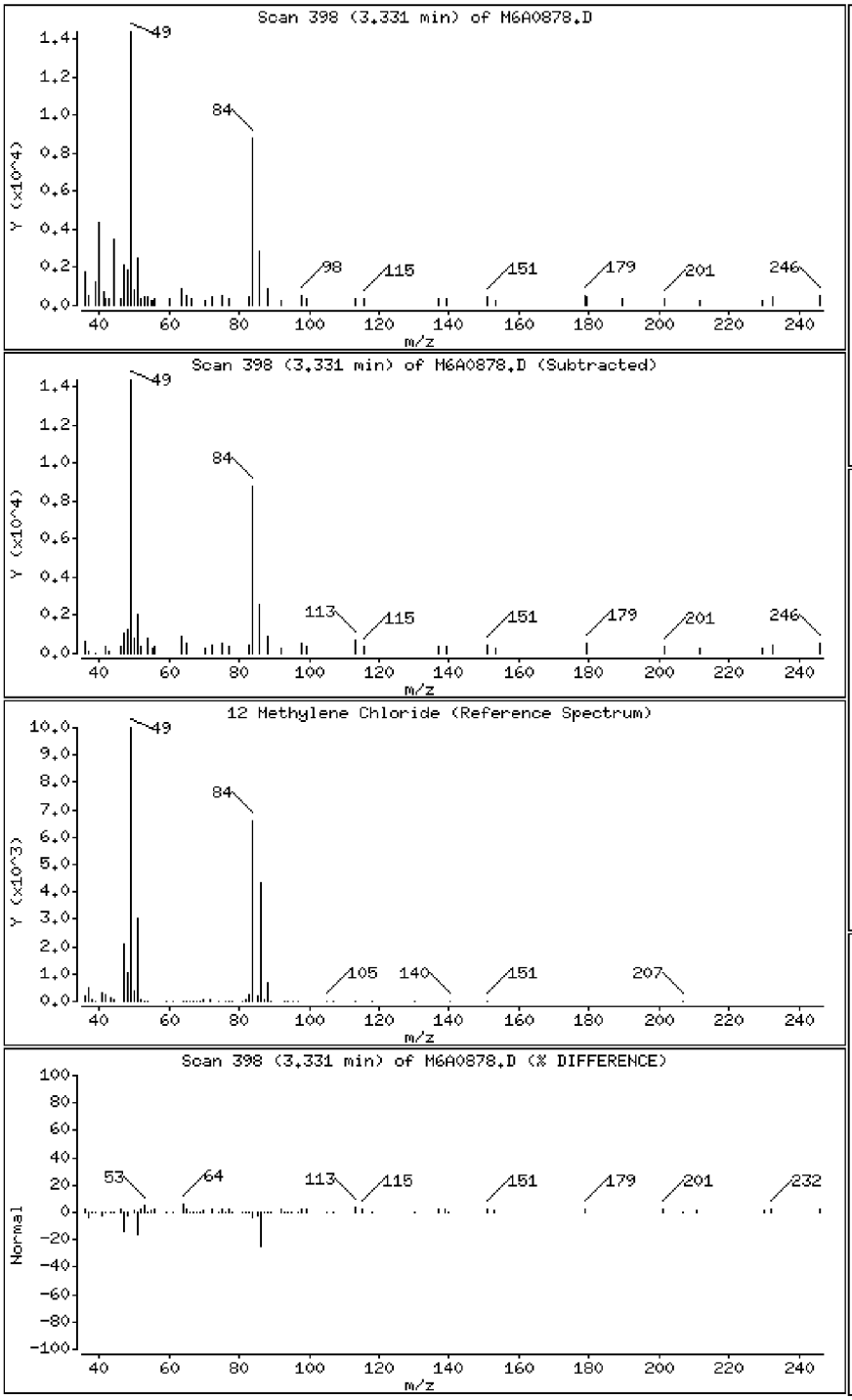
Client ID: F5YC7DL Instrument: vms06.i

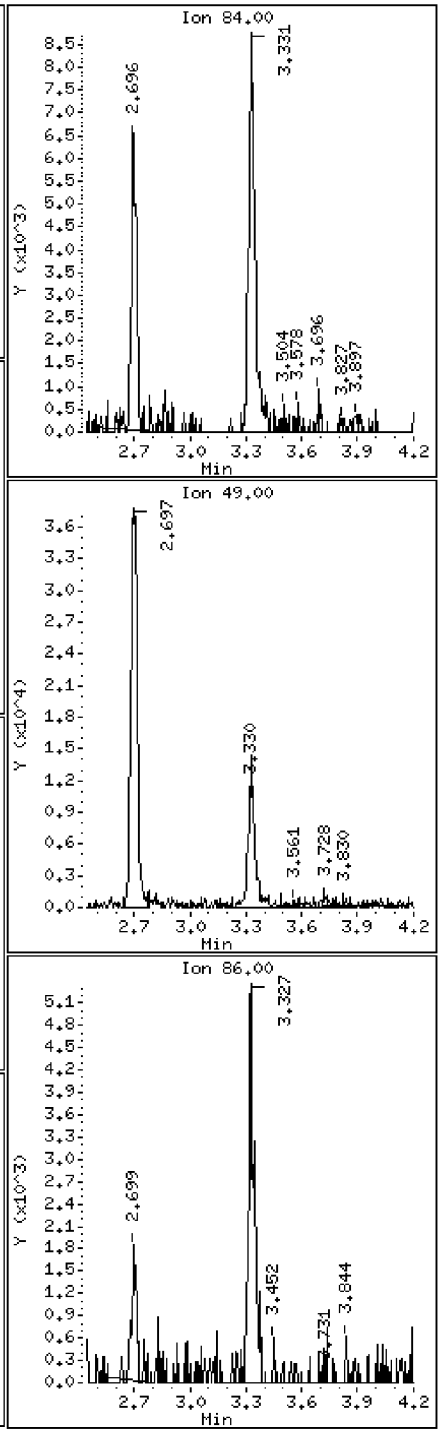
Sample Info: 350638618;3506386;4;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

12 Methylene Chloride Concentration: 5.38232 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D 

Date : 29-JUN-2012 02:28

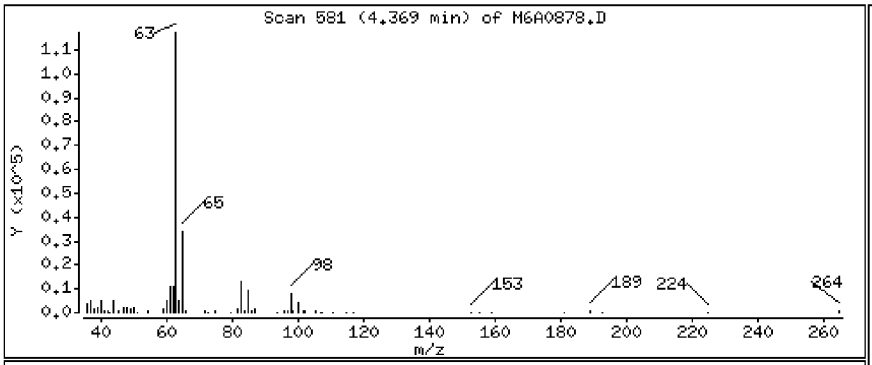
Client ID: F5YC7DL Instrument: vms06.i

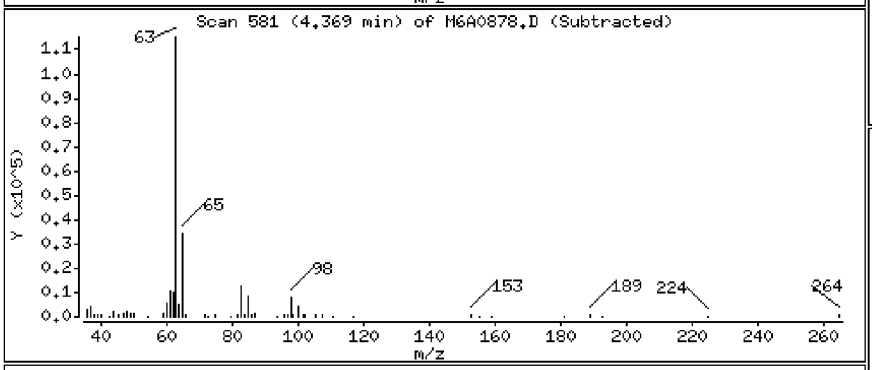
Sample Info: 350638618;3506386;4;

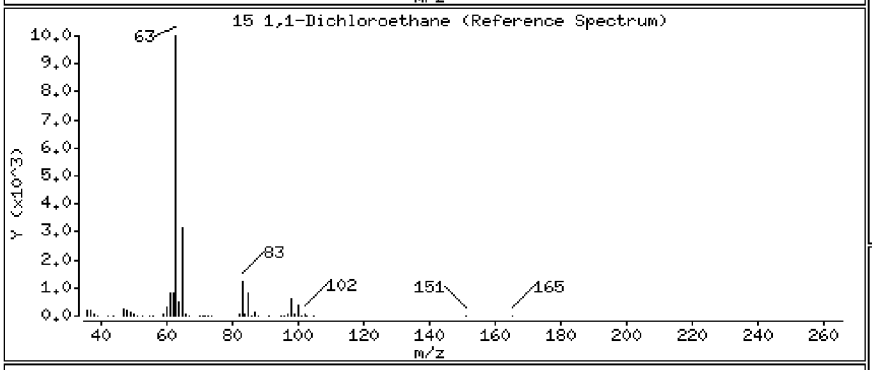
Purge Volume: 5.0 Operator: MST

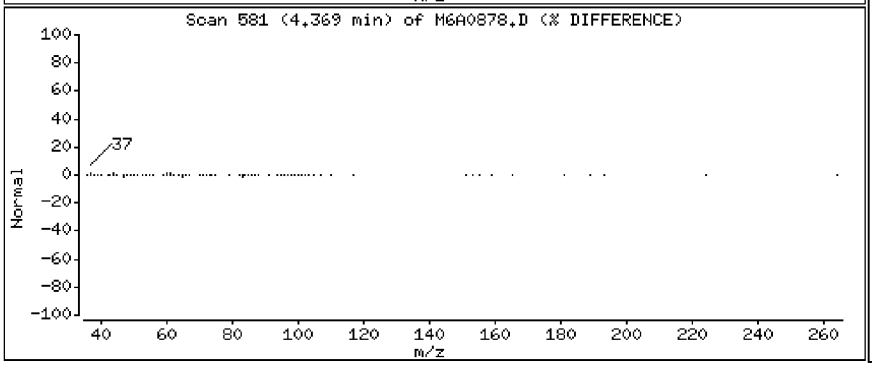
Column phase: DB-624 Column diameter: 0.18

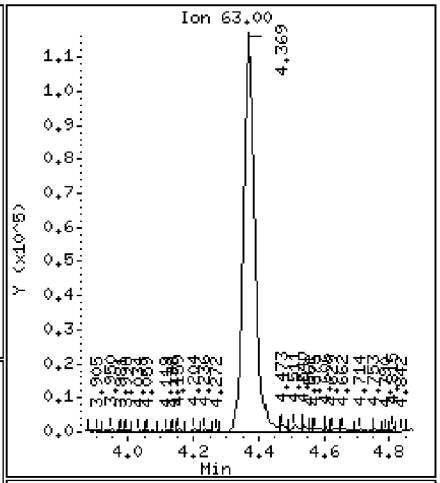
15 1,1-Dichloroethane Concentration: 32.7072 ug/L

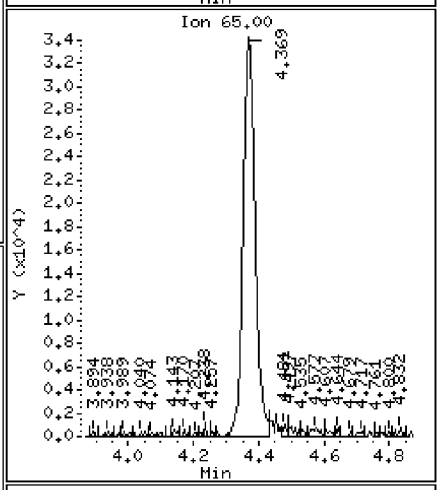


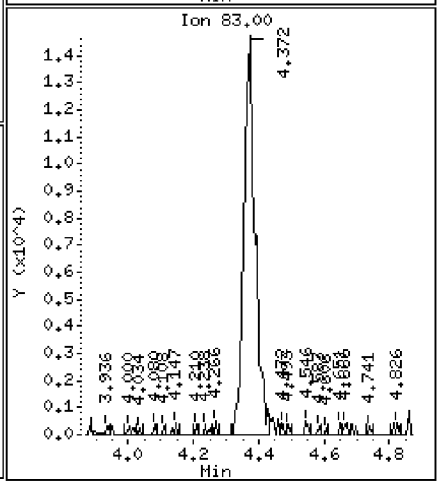



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D 

Date : 29-JUN-2012 02:28

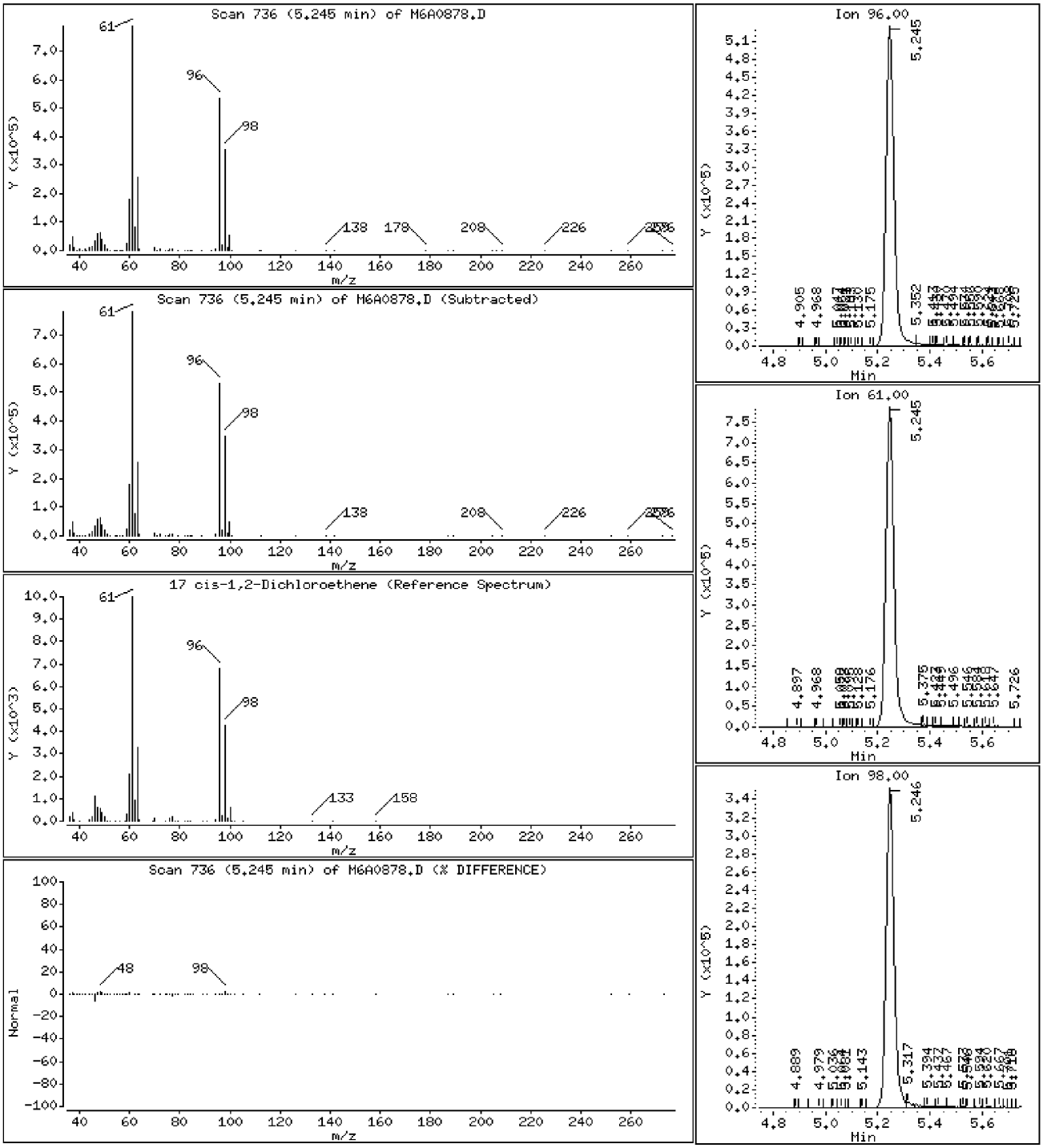
Client ID: F5YC7DL Instrument: vms06.i

Sample Info: 350638618;3506386;4;

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

17 cis-1,2-Dichloroethene Concentration: 269.342 ug/L



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Date : 29-JUN-2012 02:28

Client ID: F5YC7DL

Instrument: vms06.i

Sample Info: 350638618;3506386;4;

Purge Volume: 5.0

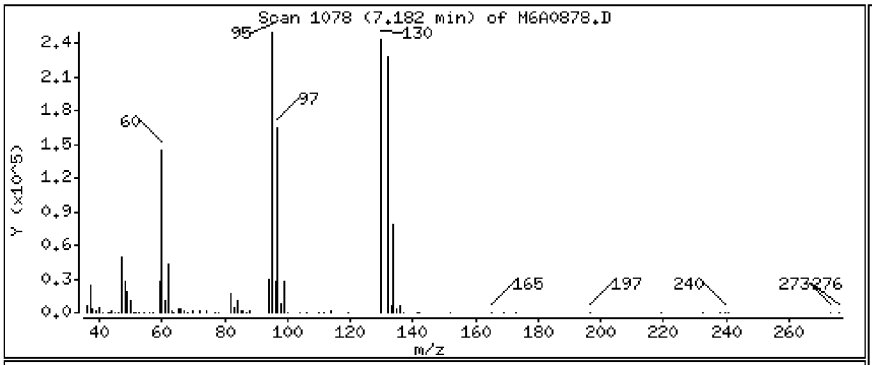
Operator: MST

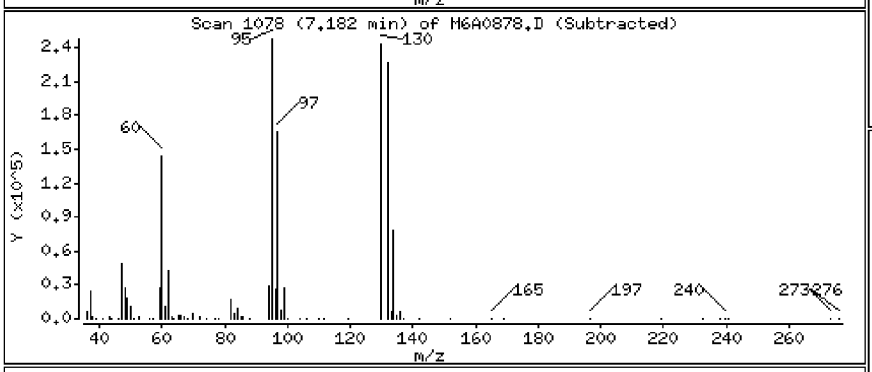
Column phase: DB-624

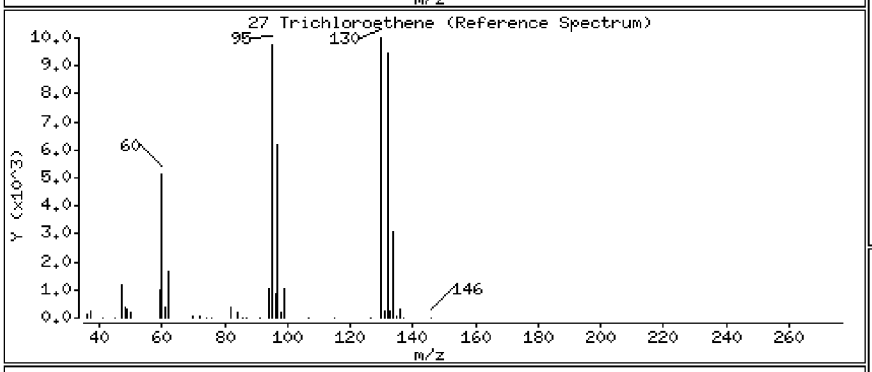
Column diameter: 0.18

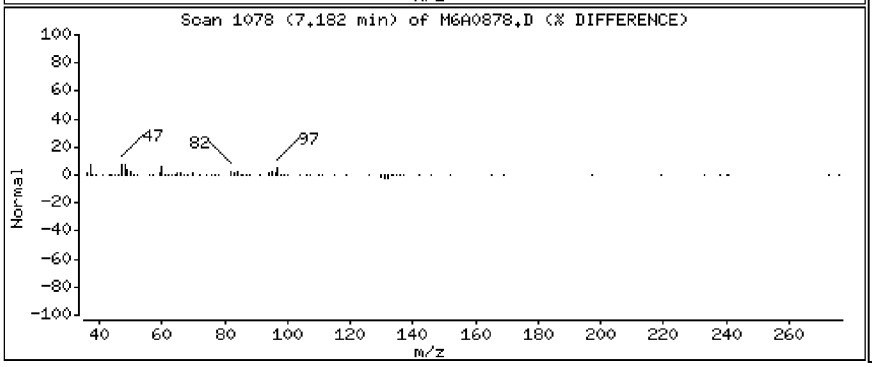
27 Trichloroethene

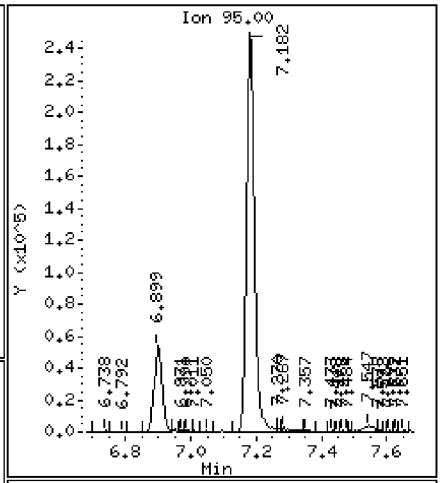
Concentration: 89.2029 ug/L

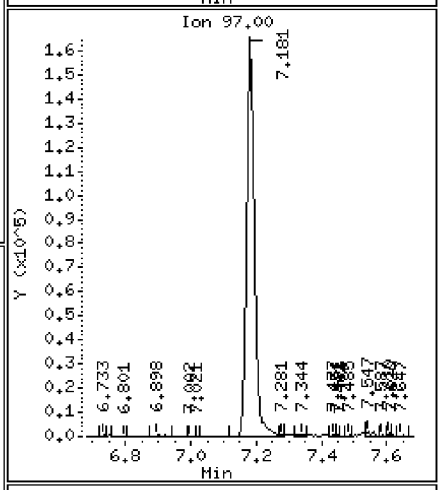


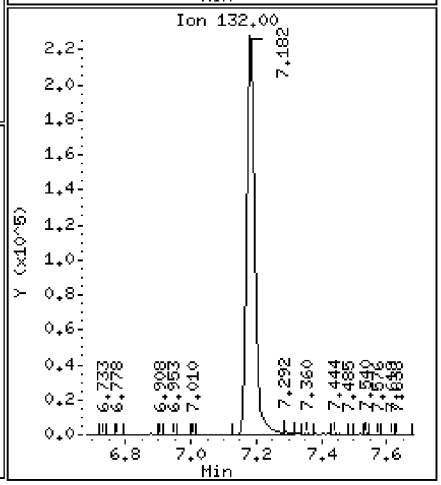



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0878.D



Date : 29-JUN-2012 02:28

Client ID: F5YC7DL

Instrument: vms06.i

Sample Info: 350638618;3506386;4;

Purge Volume: 5.0

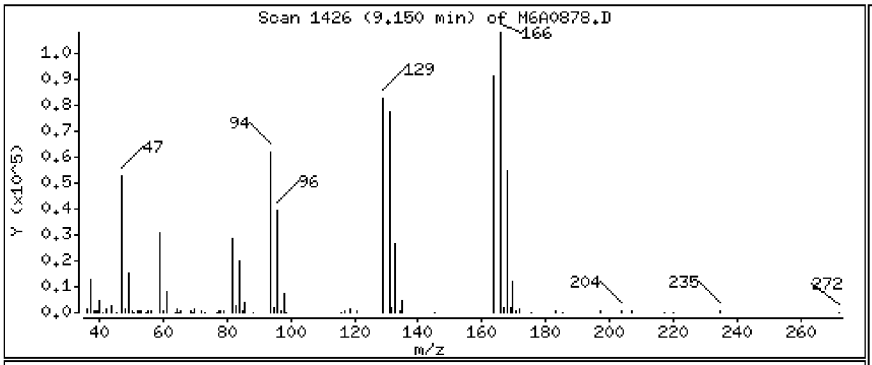
Operator: MST

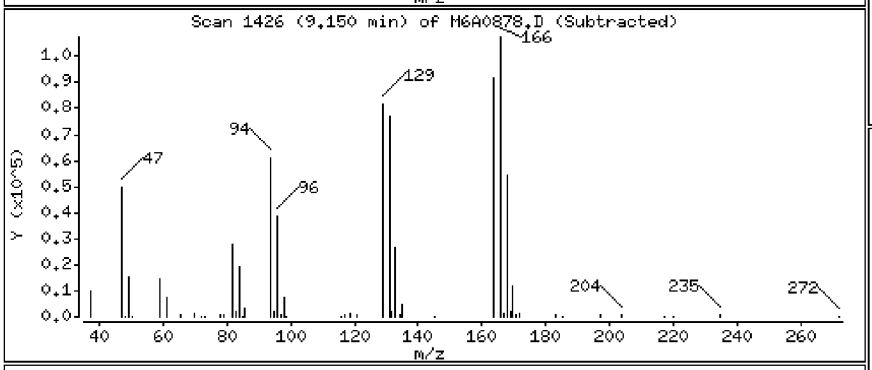
Column phase: DB-624

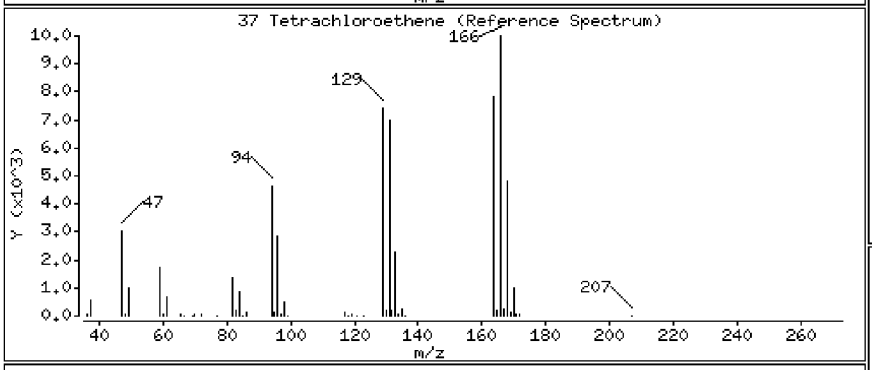
Column diameter: 0.18

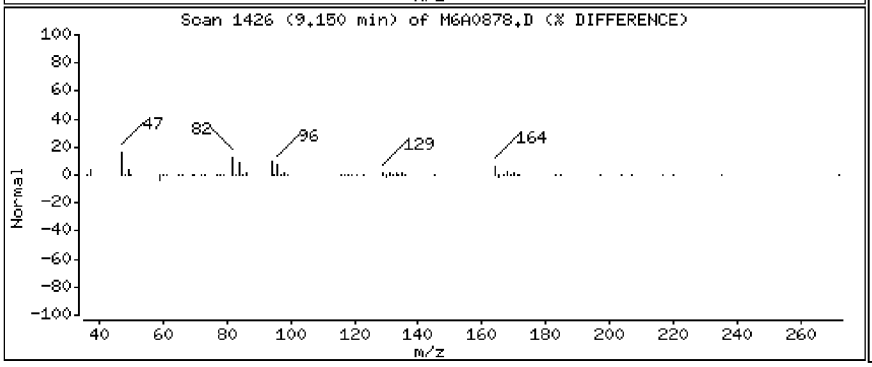
37 Tetrachloroethene

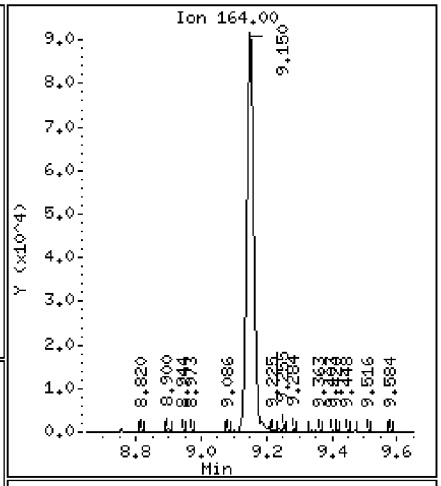
Concentration: 34.4959 ug/L

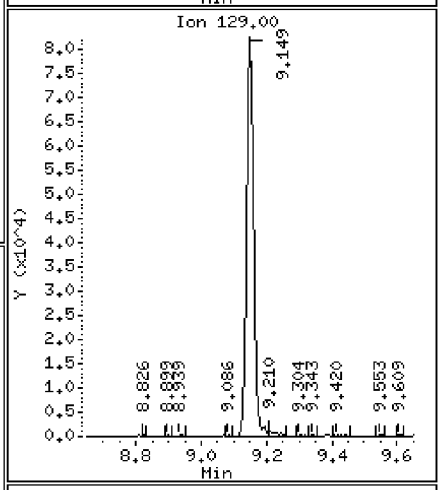


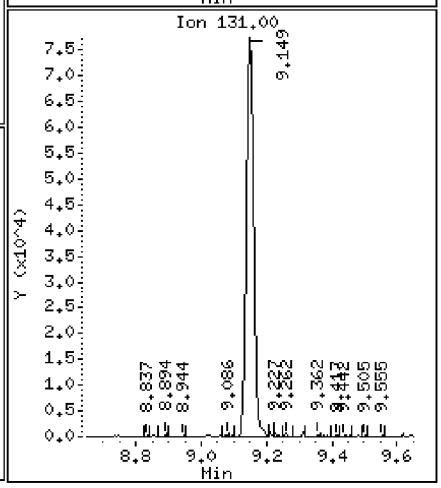



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC8

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638619

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0879.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 70 | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.4 | J |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 12 | |
| 156-59-2 | cis-1,2-Dichloroethene | 80 | |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YC8

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638619

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0879.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 33 | |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 29 | |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YC8

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638619
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0879.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D
Lab Smp Id: 350638619  Client Smp ID: F5YC8
Inj Date : 29-JUN-2012 02:54  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638619;3506386;1;
Misc Info : 1
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.488 | 1.489 | (0.216) | 1420322 | 50.3914 | 50.3914 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.869 | (0.271) | 1298195 | 49.6232 | 49.6232 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.694 | 2.692 | (0.391) | 2172345 | 55.0140 | 55.0140(R) |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1253086 | 70.1214 | 70.1214(Q) |
| 13 trans-1,2-Dichloroethene | 96 | 3.724 | 3.720 | (0.540) | 25245 | 1.41085 | 1.41084(H) |
| 15 1,1-Dichloroethane | 63 | 4.367 | 4.370 | (0.633) | 407264 | 11.9058 | 11.9058 |
| $ 82 2-Butanone-d5 | 46 | 5.221 | 5.228 | (0.757) | 179624 | 87.3286 | 87.3286 |
| 17 cis-1,2-Dichloroethene | 96 | 5.244 | 5.248 | (0.760) | 1383505 | 79.7815 | 79.7815 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1556303 | 48.5068 | 48.5068(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 857608 | 52.1787 | 52.1787 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3551162 | 51.6585 | 51.6585 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2747530 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.719) | 636587 | 33.3307 | 33.3306 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1014776 | 52.2323 | 52.2323 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.535 | 7.539 | (1.092) | 72013 | 1336.01 | 1336.01 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3460196 | 53.6452 | 53.6452 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 769958 | 52.8910 | 52.8910 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 465889 | 29.0667 | 29.0667 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 234031 | 95.5830 | 95.5830 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2314571 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 594751 | 51.7351 | 51.7351 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 927101 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 837632 | 52.7873 | 52.7873 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D
Lab Smp Id: 350638619  Client Smp ID: F5YC8
Inj Date  : 29-JUN-2012 02:54  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638619;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D

Page 4

Date : 29-JUN-2012 02:54

Client ID: F5YC8

Instrument: vms06.i

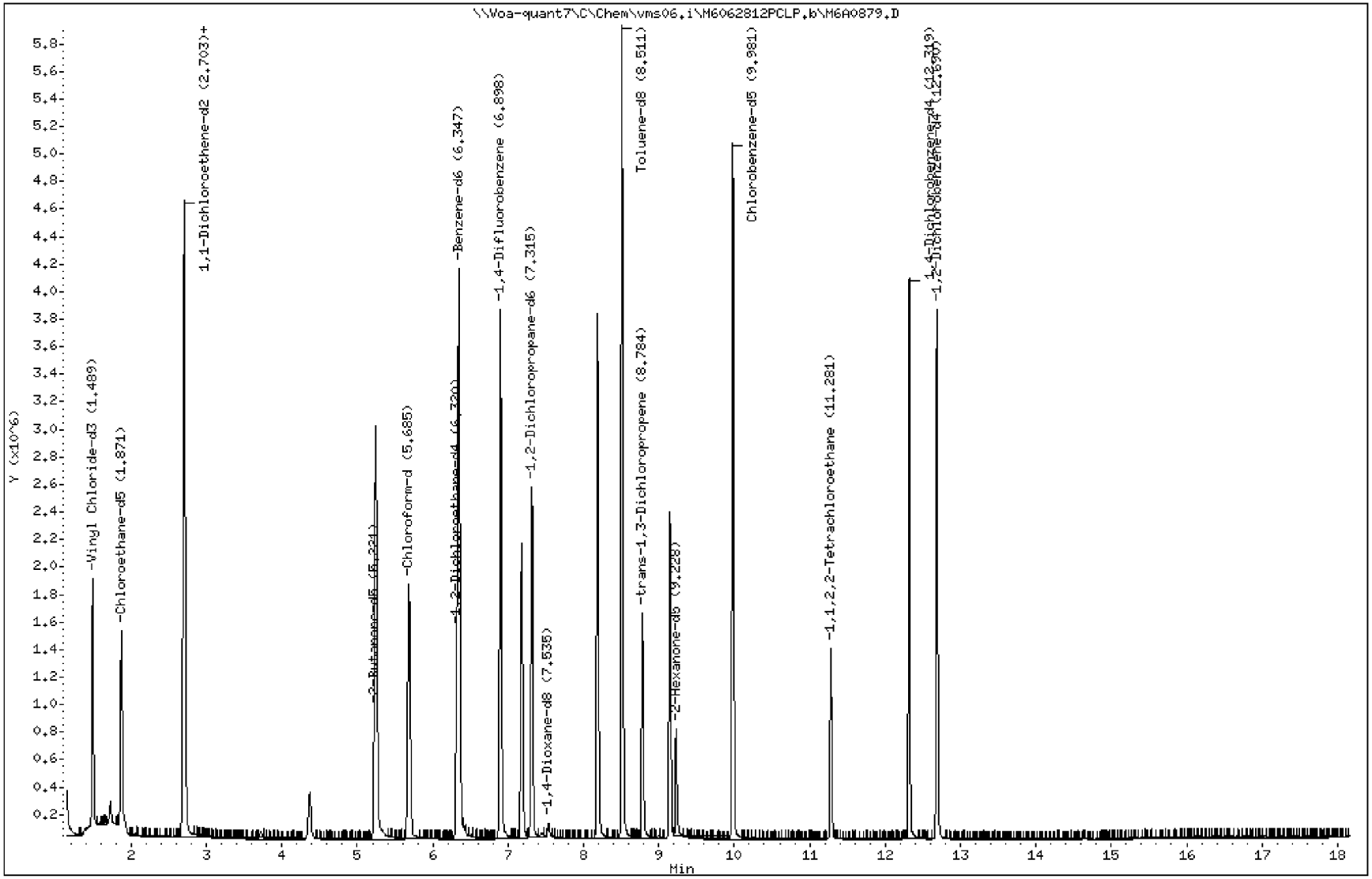
Sample Info: 3506386 19;3506386;1;

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D



Date : 29-JUN-2012 02:54

Client ID: F5YC8

Instrument: vms06.i

Sample Info: 350638619;3506386;1;

Purge Volume: 5.0

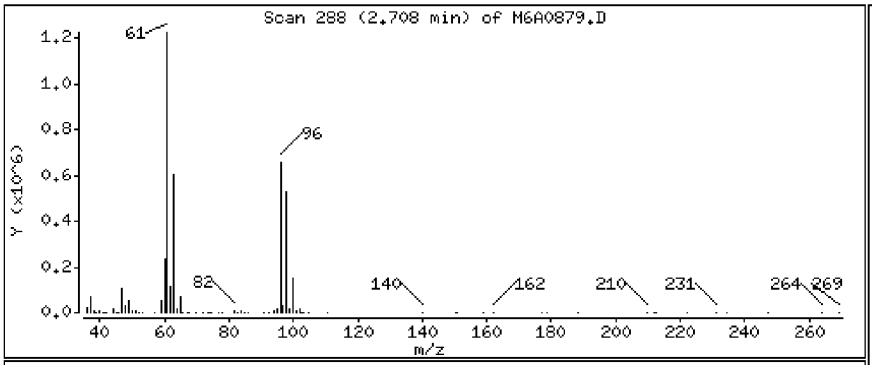
Operator: MST

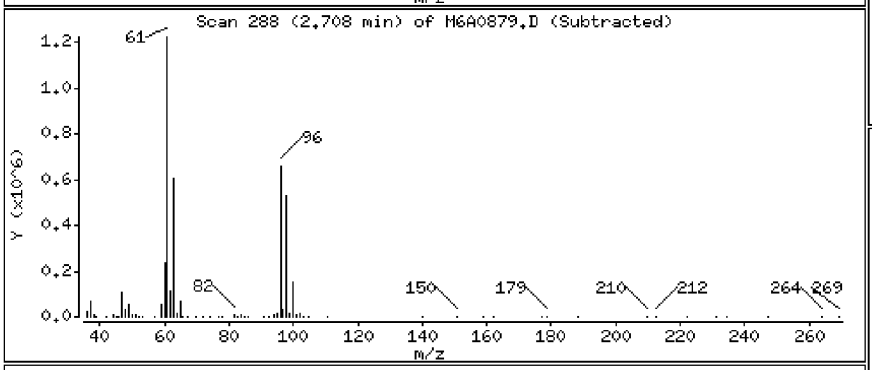
Column phase: DB-624

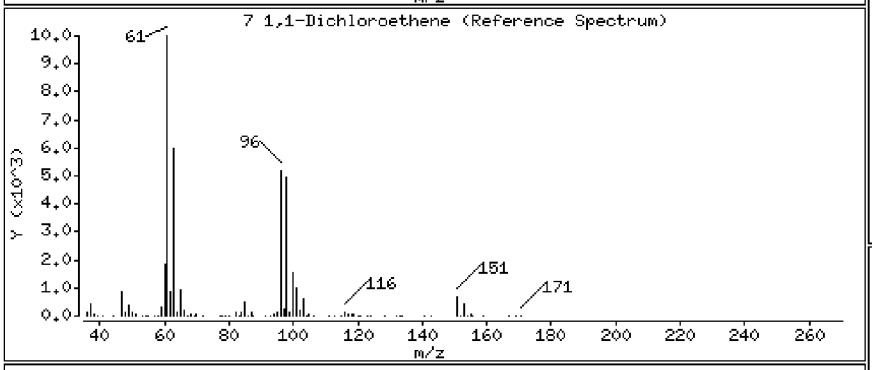
Column diameter: 0.18

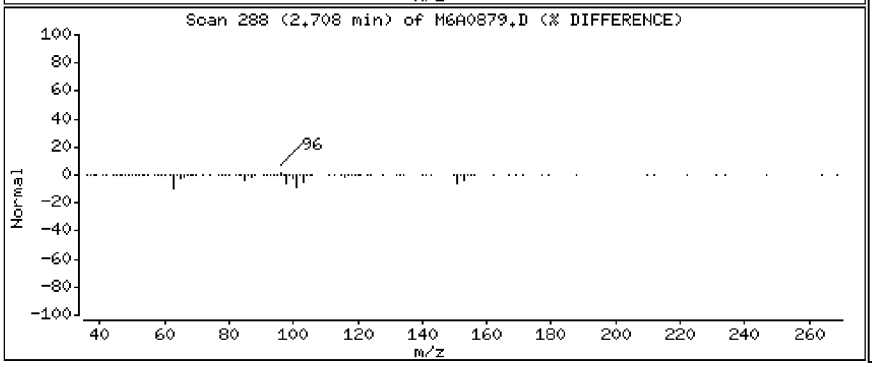
7 1,1-Dichloroethene

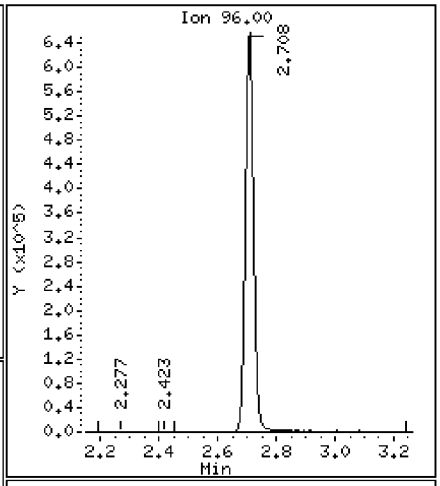
Concentration: 70.1214 ug/L

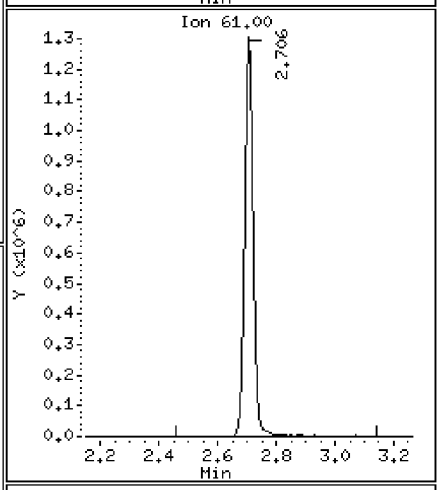


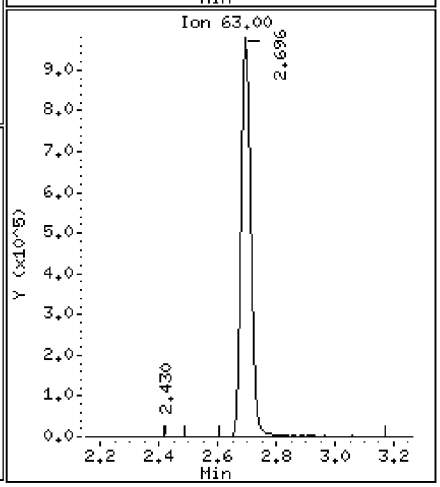



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D



Date : 29-JUN-2012 02:54

Client ID: F5YC8

Instrument: vms06.i

Sample Info: 350638619;3506386;1;

Purge Volume: 5.0

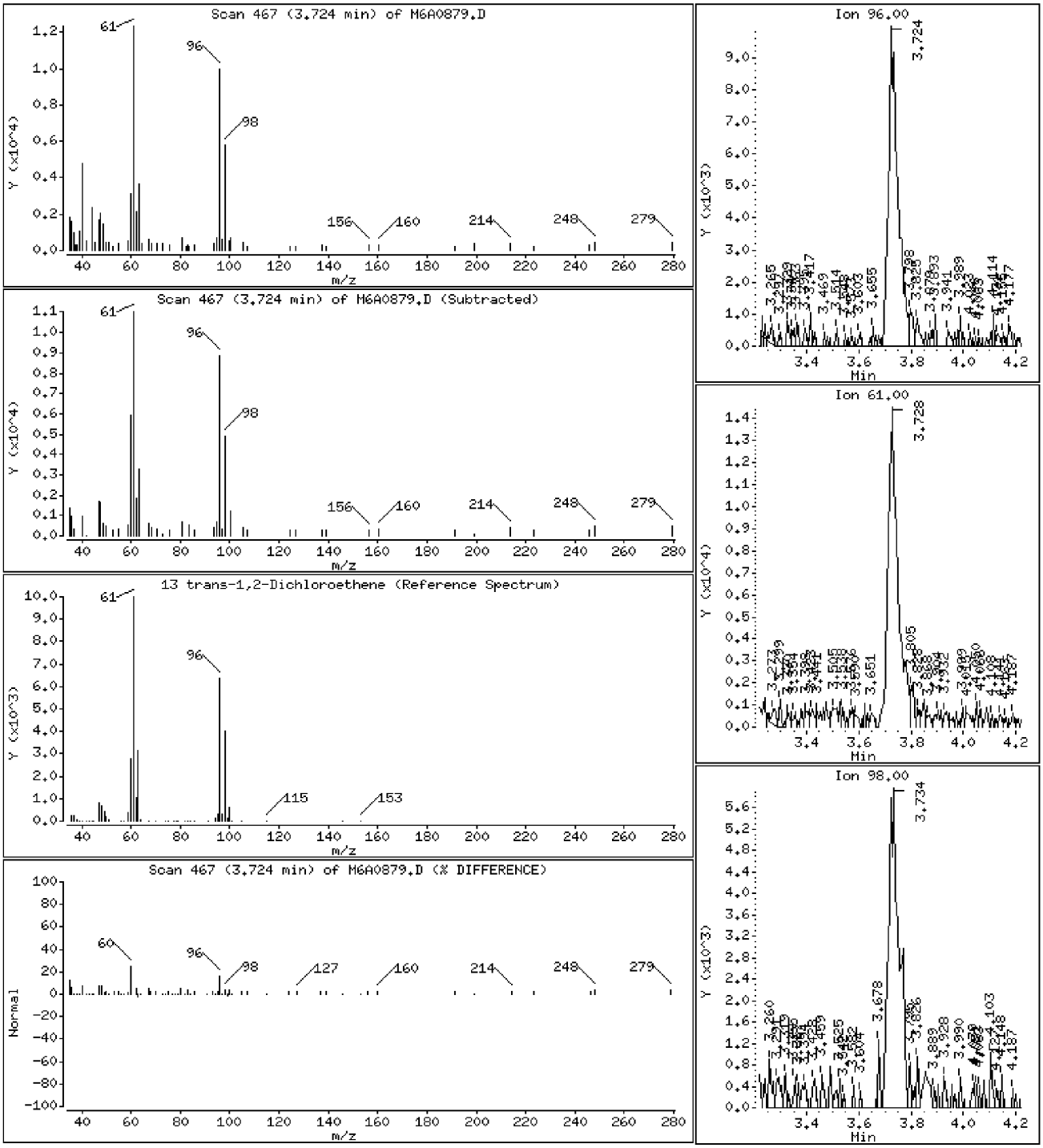
Operator: MST

Column phase: DB-624

Column diameter: 0.18

13 trans-1,2-Dichloroethene

Concentration: 1.41084 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D 

Date : 29-JUN-2012 02:54

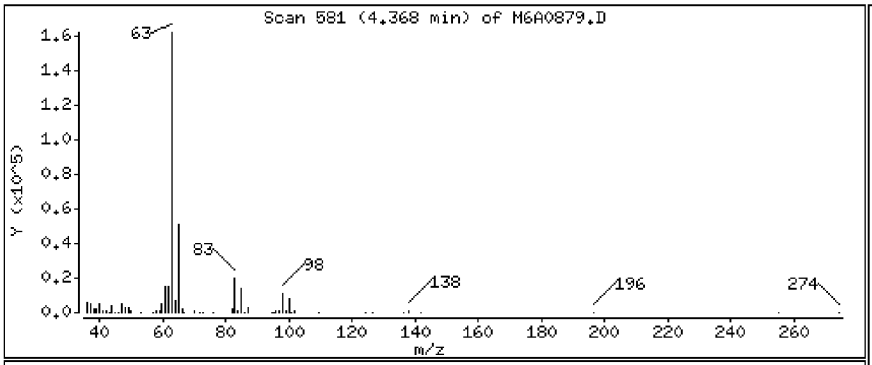
Client ID: F5YC8 Instrument: vms06.i

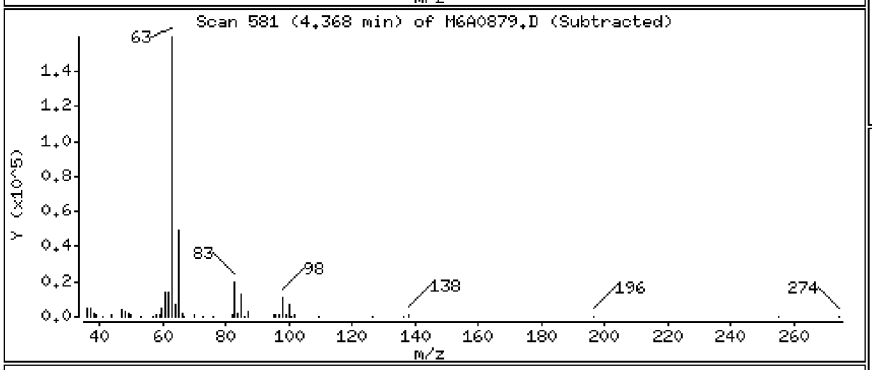
Sample Info: 350638619;3506386;1;

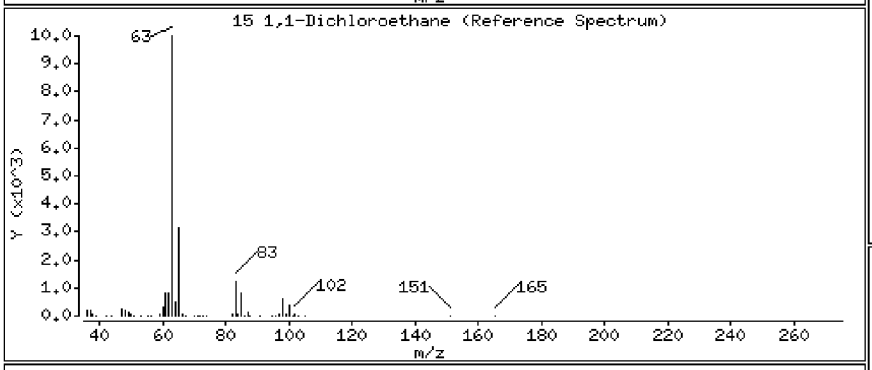
Purge Volume: 5.0 Operator: MST

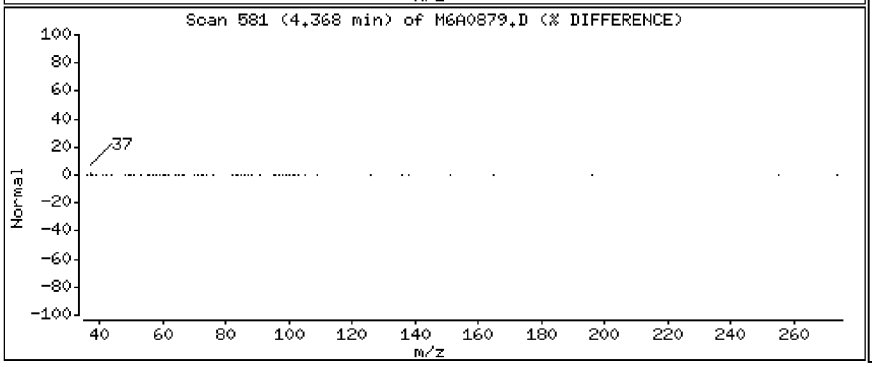
Column phase: DB-624 Column diameter: 0.18

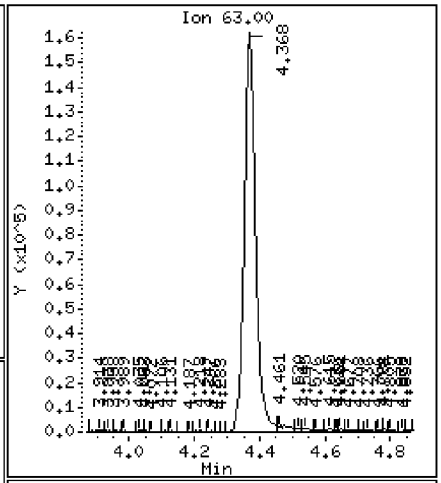
15 1,1-Dichloroethane Concentration: 11.9058 ug/L

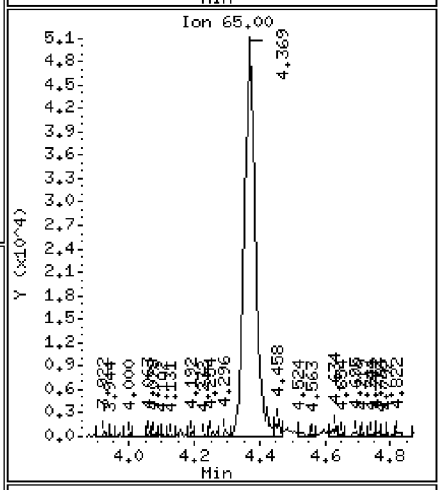


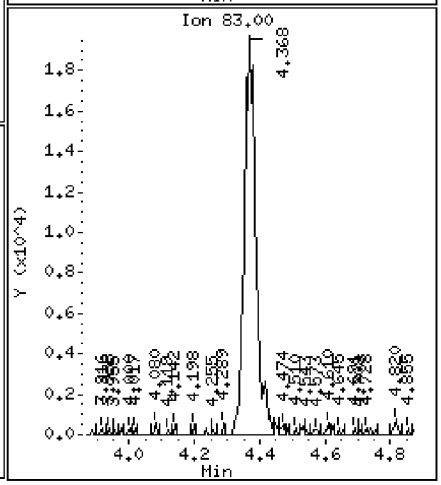



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D 

Date : 29-JUN-2012 02:54

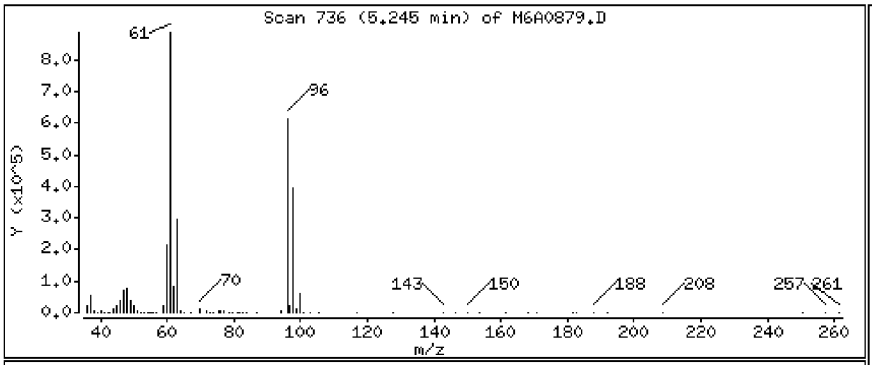
Client ID: F5YC8 Instrument: vms06.i

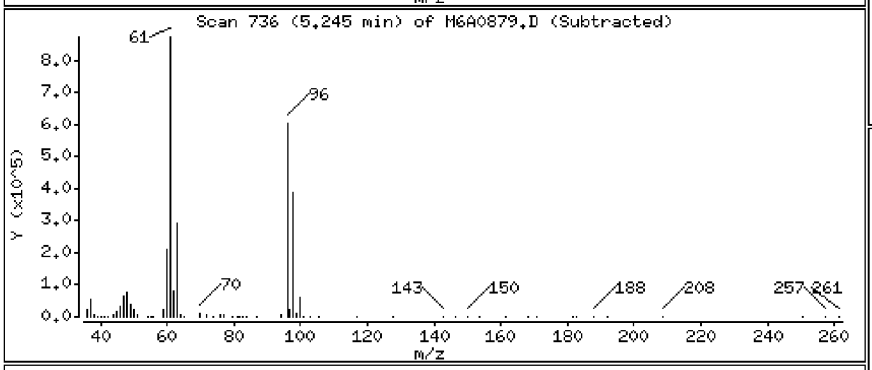
Sample Info: 350638619;3506386;1;

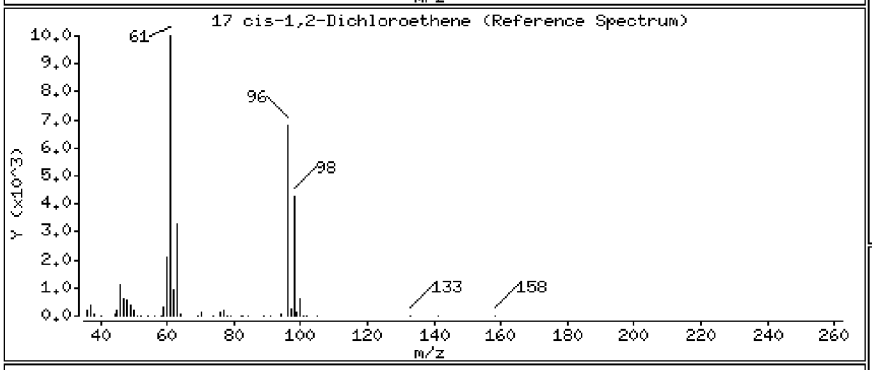
Purge Volume: 5.0 Operator: MST

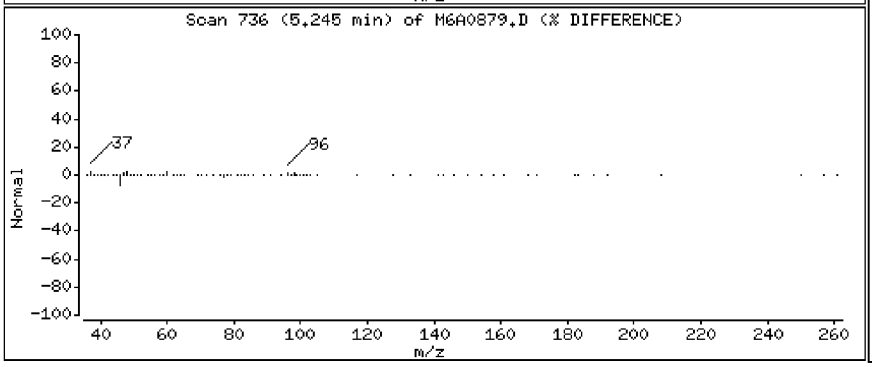
Column phase: DB-624 Column diameter: 0.18

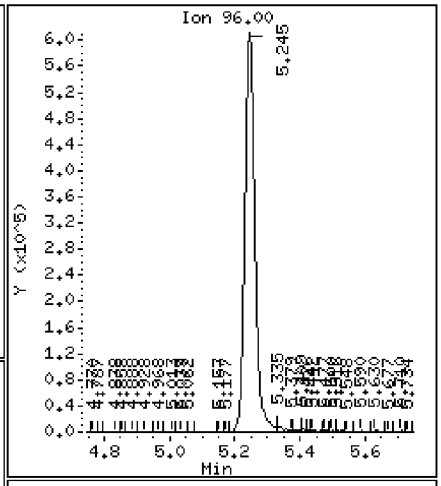
17 cis-1,2-Dichloroethene Concentration: 79.7815 ug/L

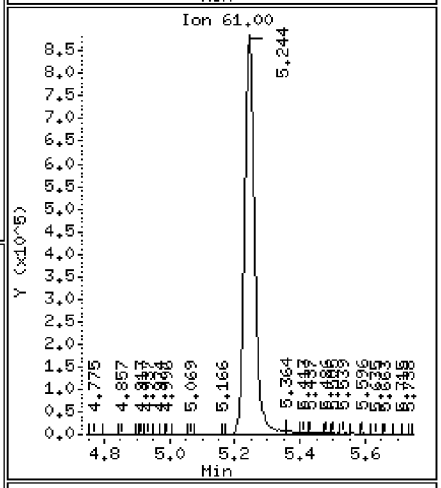


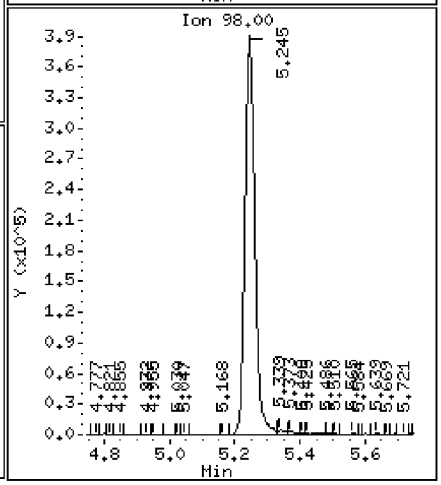



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D



Date : 29-JUN-2012 02:54

Client ID: F5YC8

Instrument: vms06.i

Sample Info: 350638619;3506386;1;

Purge Volume: 5.0

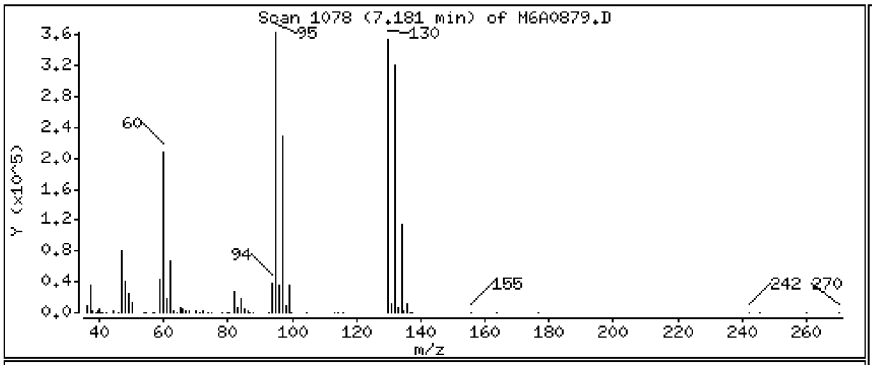
Operator: MST

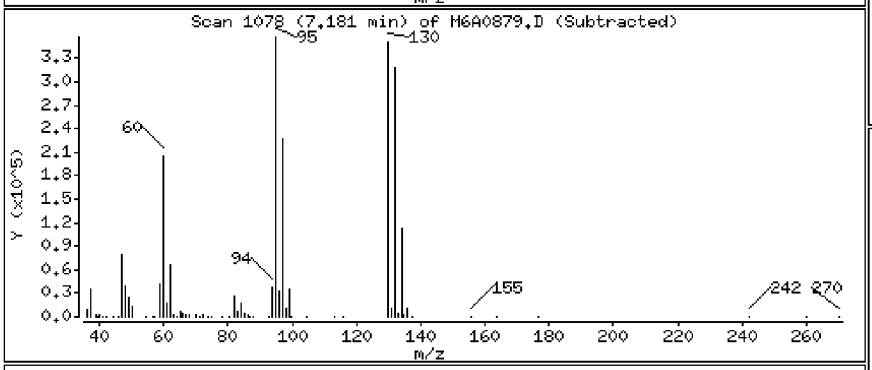
Column phase: DB-624

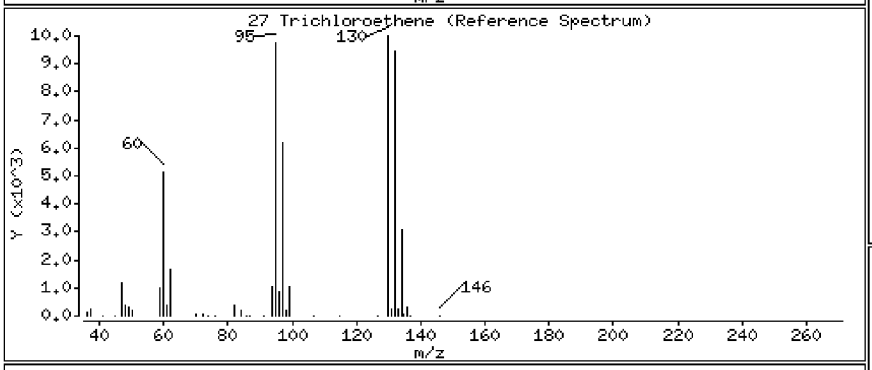
Column diameter: 0.18

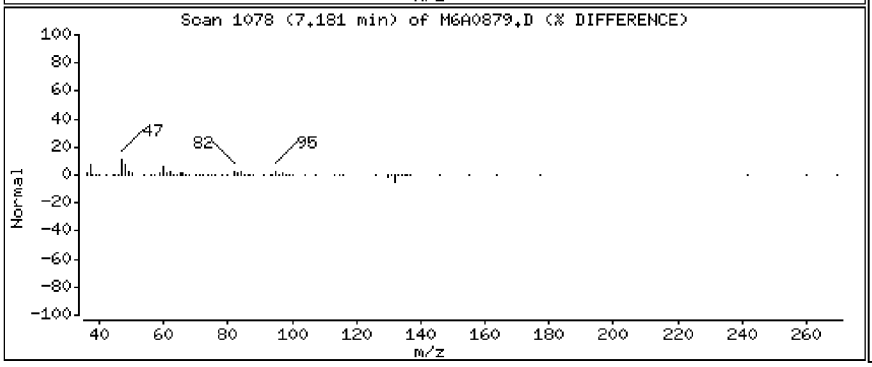
27 Trichloroethene

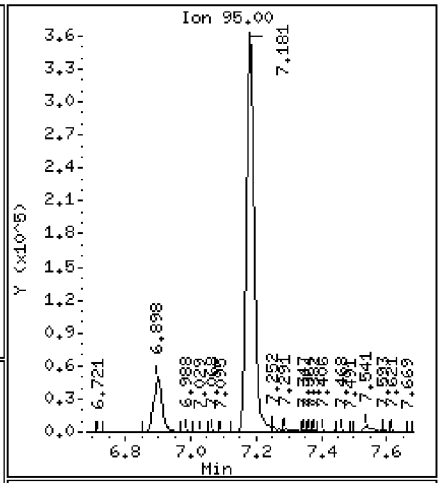
Concentration: 33.3306 ug/L

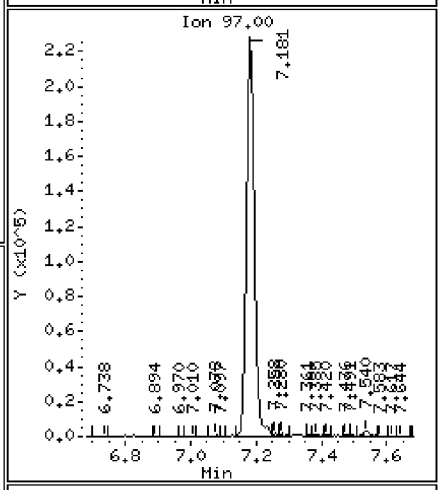


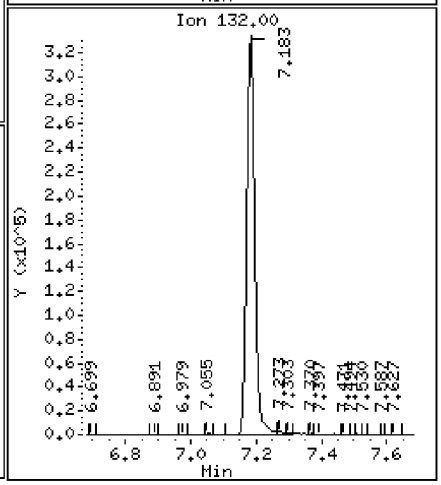



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0879.D



Date : 29-JUN-2012 02:54

Client ID: F5YC8

Instrument: vms06.i

Sample Info: 350638619;3506386;1;

Purge Volume: 5.0

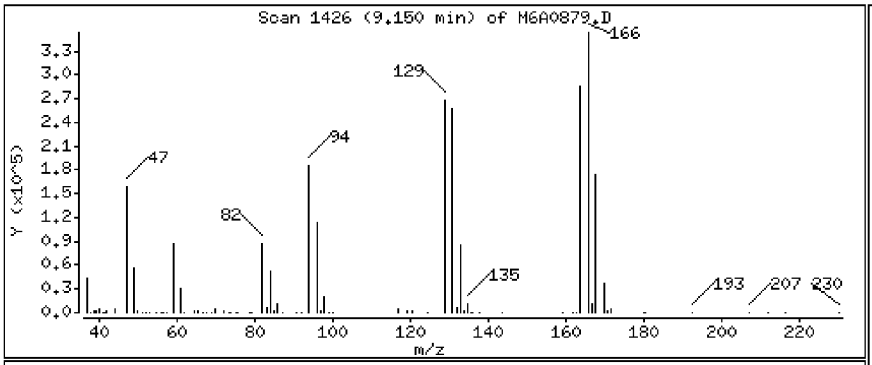
Operator: MST

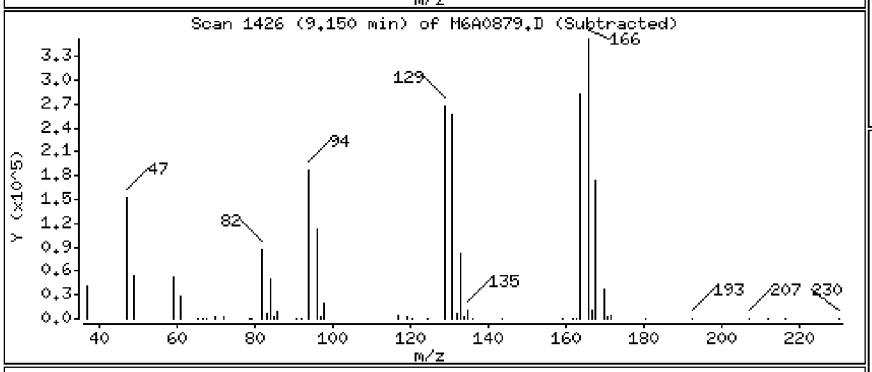
Column phase: DB-624

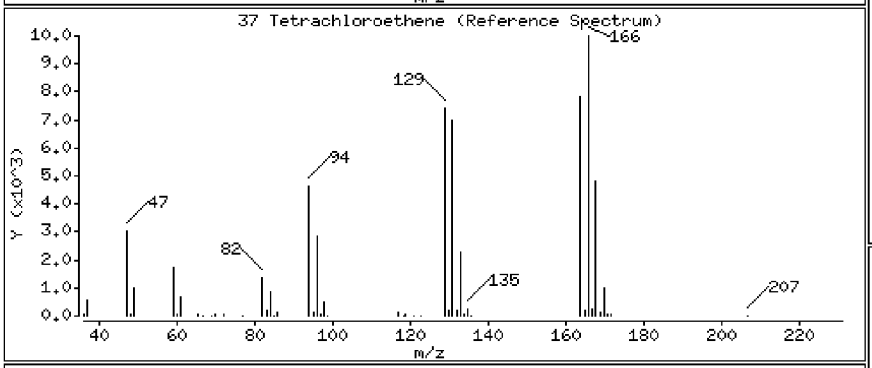
Column diameter: 0.18

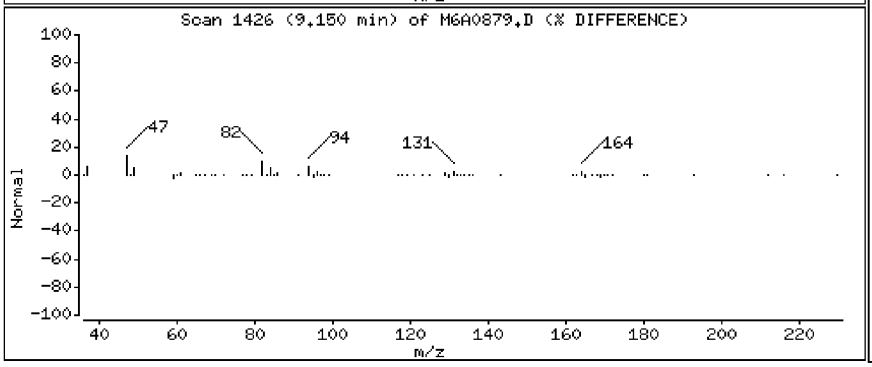
37 Tetrachloroethene

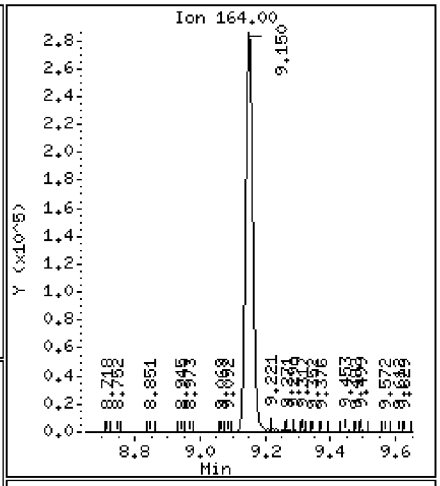
Concentration: 29.0667 ug/L

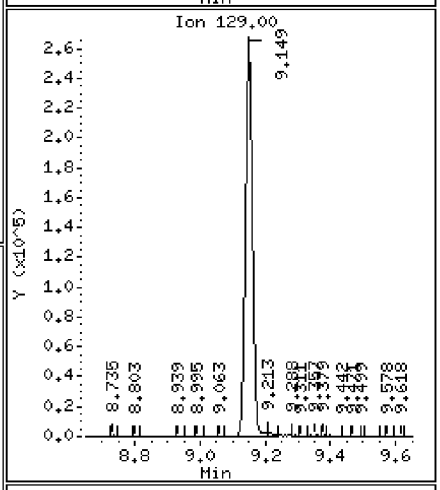


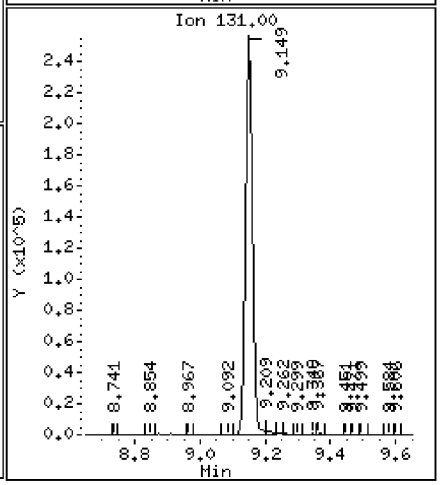



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD0

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638605

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0858.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD0

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638605

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0858.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
F5YD0

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638605
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0858.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0858.D
Lab Smp Id: 350638605  Client Smp ID: F5YD0
Inj Date  : 28-JUN-2012 18:27  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638605;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1486917 | 50.5870 | 50.5870 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1397406 | 51.2213 | 51.2213 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1442649 | 35.0339 | 35.0339 |
| $ 82 2-Butanone-d5 | 46 | 5.225 | 5.228 | (0.757) | 186327 | 86.8662 | 86.8662 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1626352 | 48.6077 | 48.6077(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 905203 | 52.8121 | 52.8120 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3716965 | 51.3267 | 51.3267 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2865231 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1046294 | 51.1218 | 51.1218 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.537 | 7.539 | (1.092) | 74239 | 1320.73 | 1320.73(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3573713 | 52.5936 | 52.5936 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 739686 | 48.2331 | 48.2331 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 234000 | 90.7207 | 90.7207 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2438300 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 596733 | 49.2736 | 49.2736 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 986844 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 874309 | 51.7631 | 51.7630 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0858.D
Lab Smp Id: 350638605  Client Smp ID: F5YD0
Inj Date  : 28-JUN-2012 18:27  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638605;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0858.D



Date : 28-JUN-2012 18:27

Client ID: F5YD0

Instrument: vms06.i

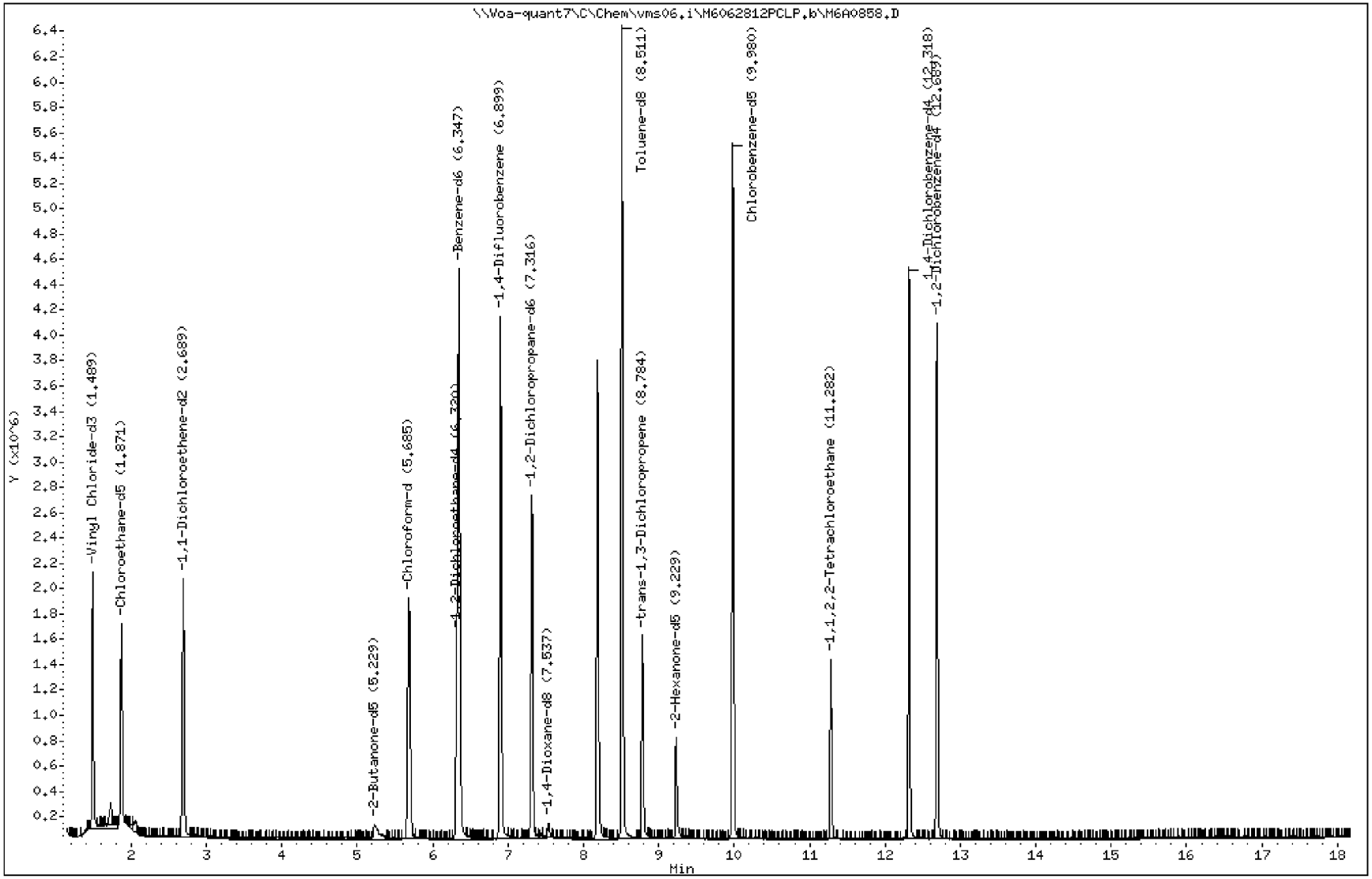
Sample Info: 350638605;3506386;1;

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD1

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638606

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0859.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD1

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638606

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0859.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YD1

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638606
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0859.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0859.D
Lab Smp Id: 350638606  Client Smp ID: F5YD1
Inj Date  : 28-JUN-2012 18:52  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638606;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1466104 | 51.7041 | 51.7041 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1366344 | 51.9153 | 51.9153 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1398705 | 35.2096 | 35.2096 |
| $ 82 2-Butanone-d5 | 46 | 5.223 | 5.228 | (0.757) | 160099 | 77.3698 | 77.3698 |
| $ 83 Chloroform-d | 84 | 5.684 | 5.689 | (0.824) | 1558506 | 48.2845 | 48.2844(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.319 | 6.323 | (0.916) | 863757 | 52.2380 | 52.2380 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3587332 | 51.1137 | 51.1137 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2764087 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1011388 | 50.9895 | 50.9895 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.535 | 7.539 | (1.092) | 68622 | 1265.47 | 1265.47(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3439520 | 52.2302 | 52.2302 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 689236 | 46.3742 | 46.3742 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 219061 | 87.6328 | 87.6328 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2363069 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 572126 | 48.7457 | 48.7457 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 939877 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 837224 | 52.0444 | 52.0444 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

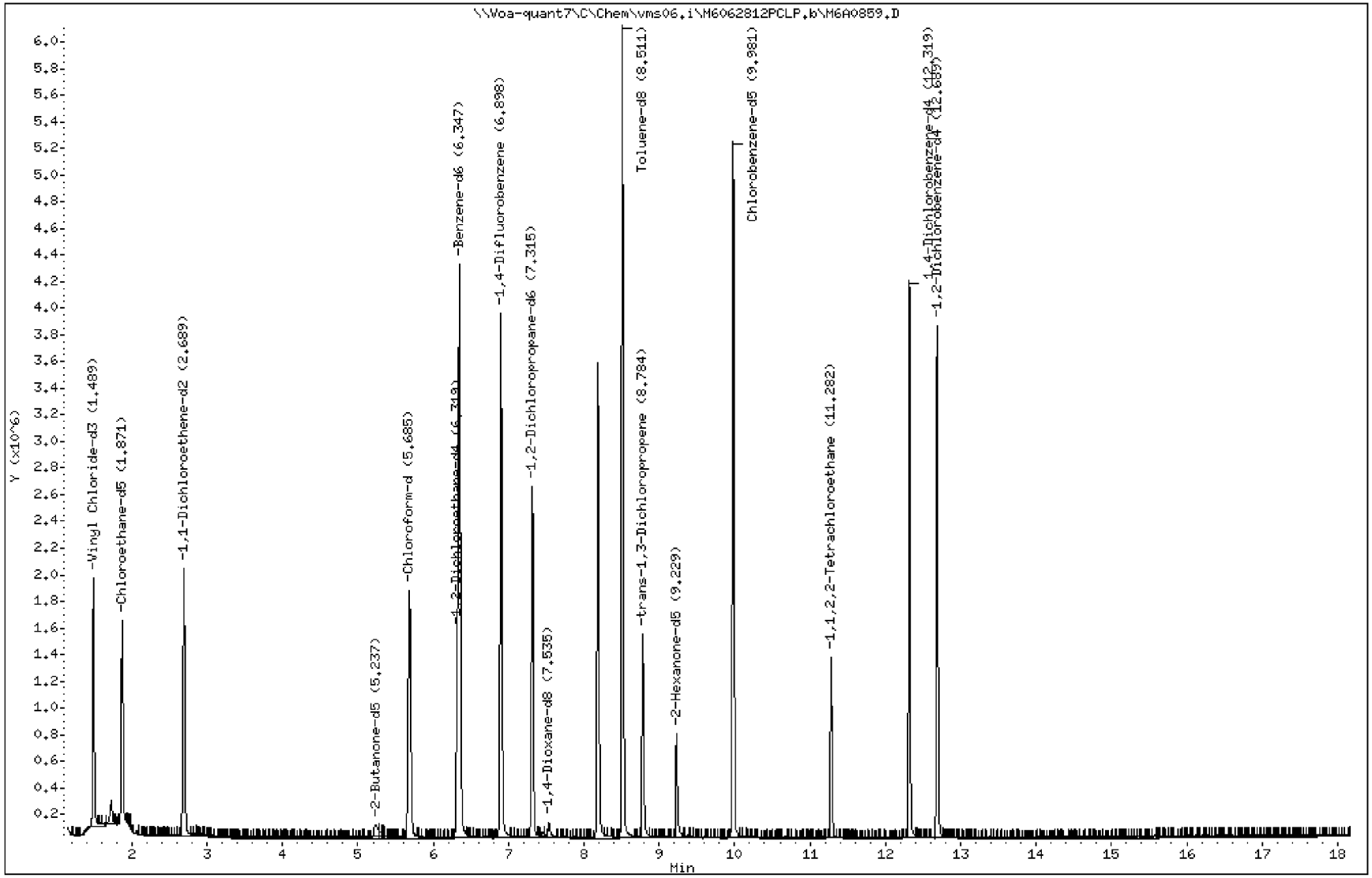
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0859.D
Lab Smp Id: 350638606  Client Smp ID: F5YD1
Inj Date  : 28-JUN-2012 18:52  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638606;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0859.D
Date : 28-JUN-2012 18:52
Client ID: F5YD1
Sample Info: 350638606;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
F5YD4

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638607
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0860.D
Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012
% Moisture: not dec. Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD4

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638607

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0860.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 3.7 | J |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YD4

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638607
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0860.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0860.D
Lab Smp Id: 350638607  Client Smp ID: F5YD4
Inj Date : 28-JUN-2012 19:18  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638607;3506386;1;
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1472279 | 50.2474 | 50.2474 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1353914 | 49.7841 | 49.7840 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1424496 | 34.7025 | 34.7025 |
| $ 82 2-Butanone-d5 | 46 | 5.229 | 5.228 | (0.758) | 168900 | 78.9907 | 78.9907 |
| $ 83 Chloroform-d | 84 | 5.685 | 5.689 | (0.824) | 1622967 | 48.6600 | 48.6600(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 896581 | 52.4745 | 52.4745 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3732463 | 51.7055 | 51.7055 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2856197 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1054901 | 51.7072 | 51.7072 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.535 | 7.539 | (1.092) | 67472 | 1204.14 | 1204.14(Q) |
| 31 cis-1,3-Dichloropropene | 75 | 8.185 | 8.227 | (0.820) | 91512 | 3.67185 | 3.67185 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3557399 | 52.5210 | 52.5210 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 721655 | 47.2079 | 47.2079 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 213296 | 82.9583 | 82.9583 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2430527 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 571328 | 47.3267 | 47.3267 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 979231 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 855333 | 51.0333 | 51.0333 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

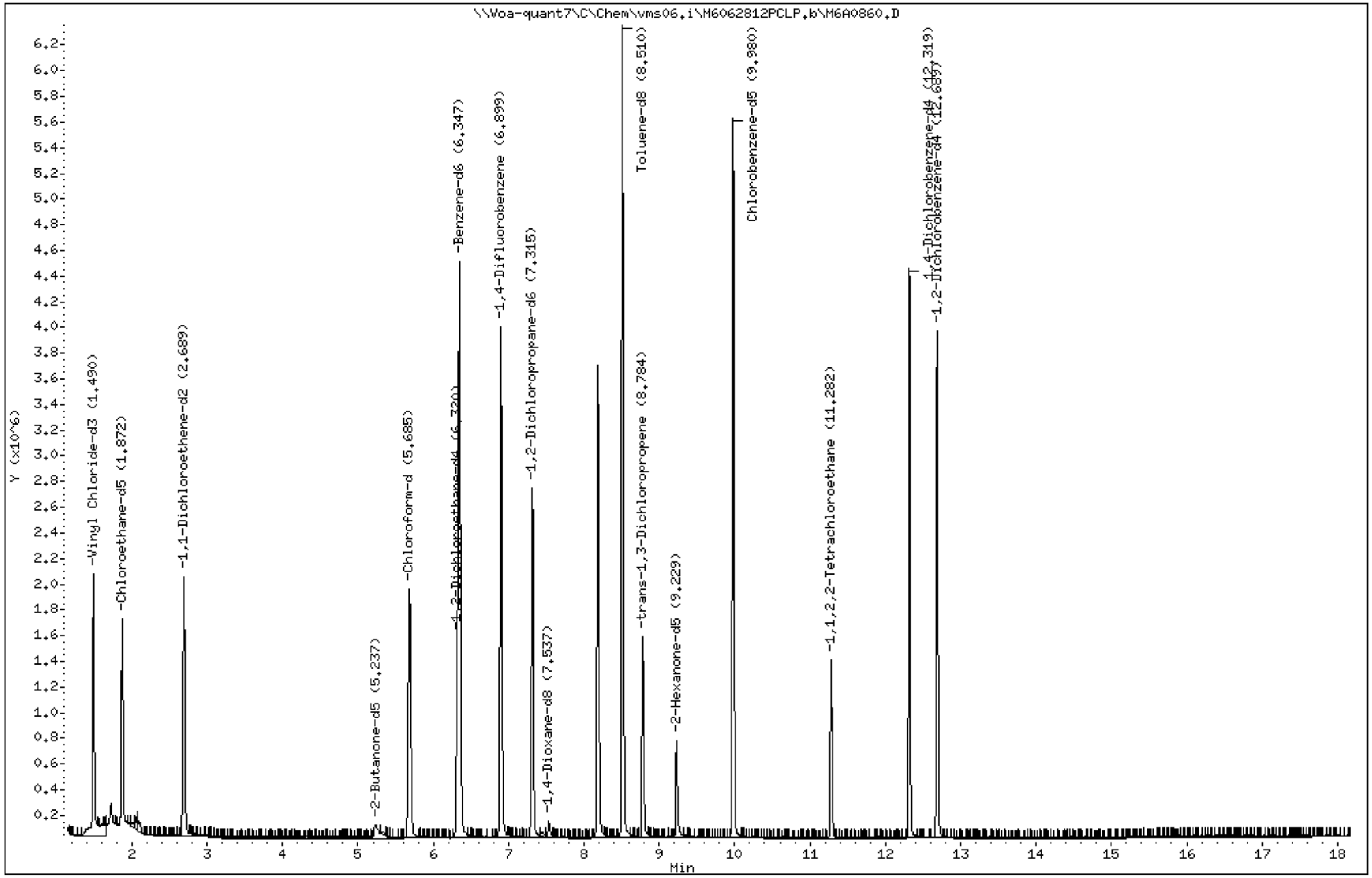
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0860.D
Lab Smp Id: 350638607  Client Smp ID: F5YD4
Inj Date  : 28-JUN-2012 19:18  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638607;3506386;1;
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0860.D
Date : 28-JUN-2012 19:18
Client ID: F5YD4
Sample Info: 350638607;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0860.D



Date : 28-JUN-2012 19:18

Client ID: F5YD4

Instrument: vms06.i

Sample Info: 350638607;3506386;1;

Purge Volume: 5.0

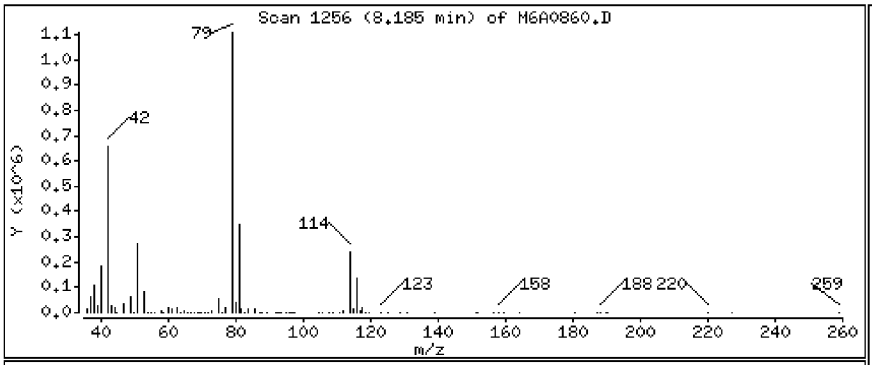
Operator: MST

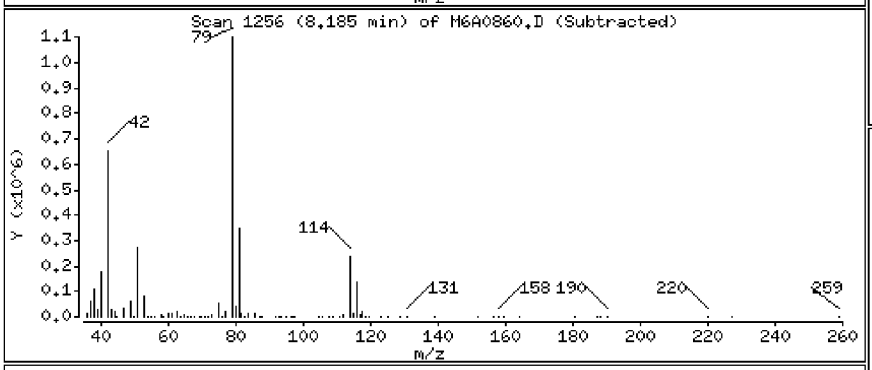
Column phase: DB-624

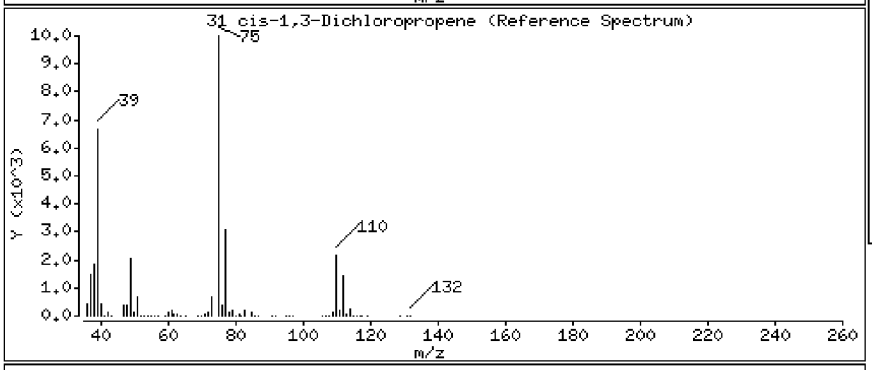
Column diameter: 0.18

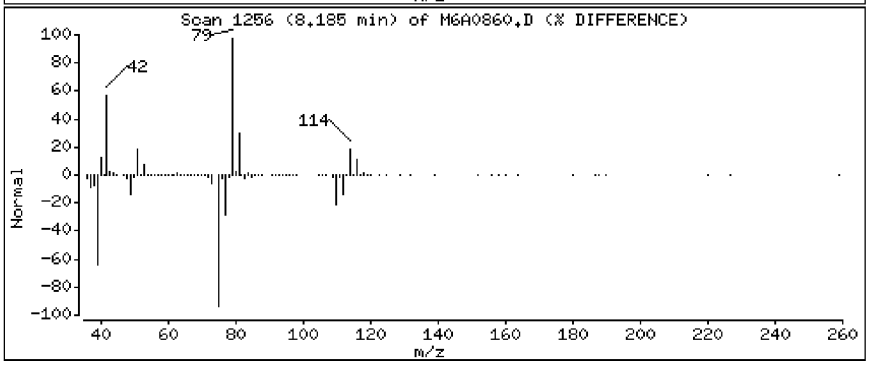
31 cis-1,3-Dichloropropene

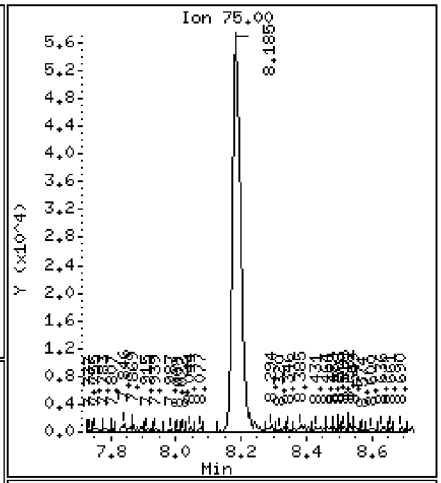
Concentration: 3.67185 ug/L

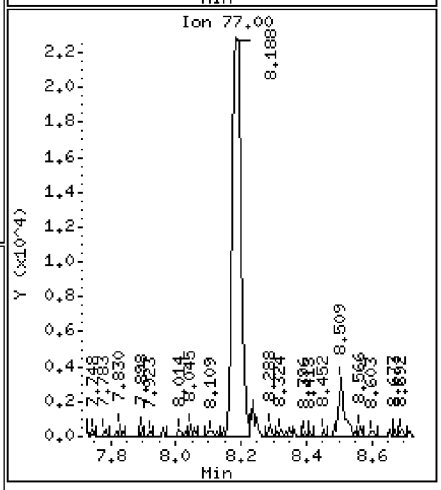


1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD5

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638620

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0880.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/22/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YD5

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638620

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0880.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/22/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YD5

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638620
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0880.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/22/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0880.D
Lab Smp Id: 350638620  Client Smp ID: F5YD5
Inj Date  : 29-JUN-2012 03:19  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638620;3506386;1;
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1415959 | 50.6224 | 50.6224 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1320871 | 50.8778 | 50.8778 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1406654 | 35.8967 | 35.8967 |
| $ 82 2-Butanone-d5 | 46 | 5.228 | 5.228 | (0.758) | 166465 | 81.5526 | 81.5526 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1548133 | 48.6227 | 48.6227(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 846367 | 51.8903 | 51.8903 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3587789 | 52.2037 | 52.2037 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2726588 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1017636 | 52.3919 | 52.3919 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.539 | (1.092) | 69103 | 1291.87 | 1291.87 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3458596 | 53.6331 | 53.6331 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 772630 | 53.0871 | 53.0871 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 215970 | 88.2275 | 88.2274 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2314022 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 571505 | 49.7249 | 49.7248 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.320 | 12.319 | (1.000) | 938051 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 840233 | 52.3331 | 52.3331 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

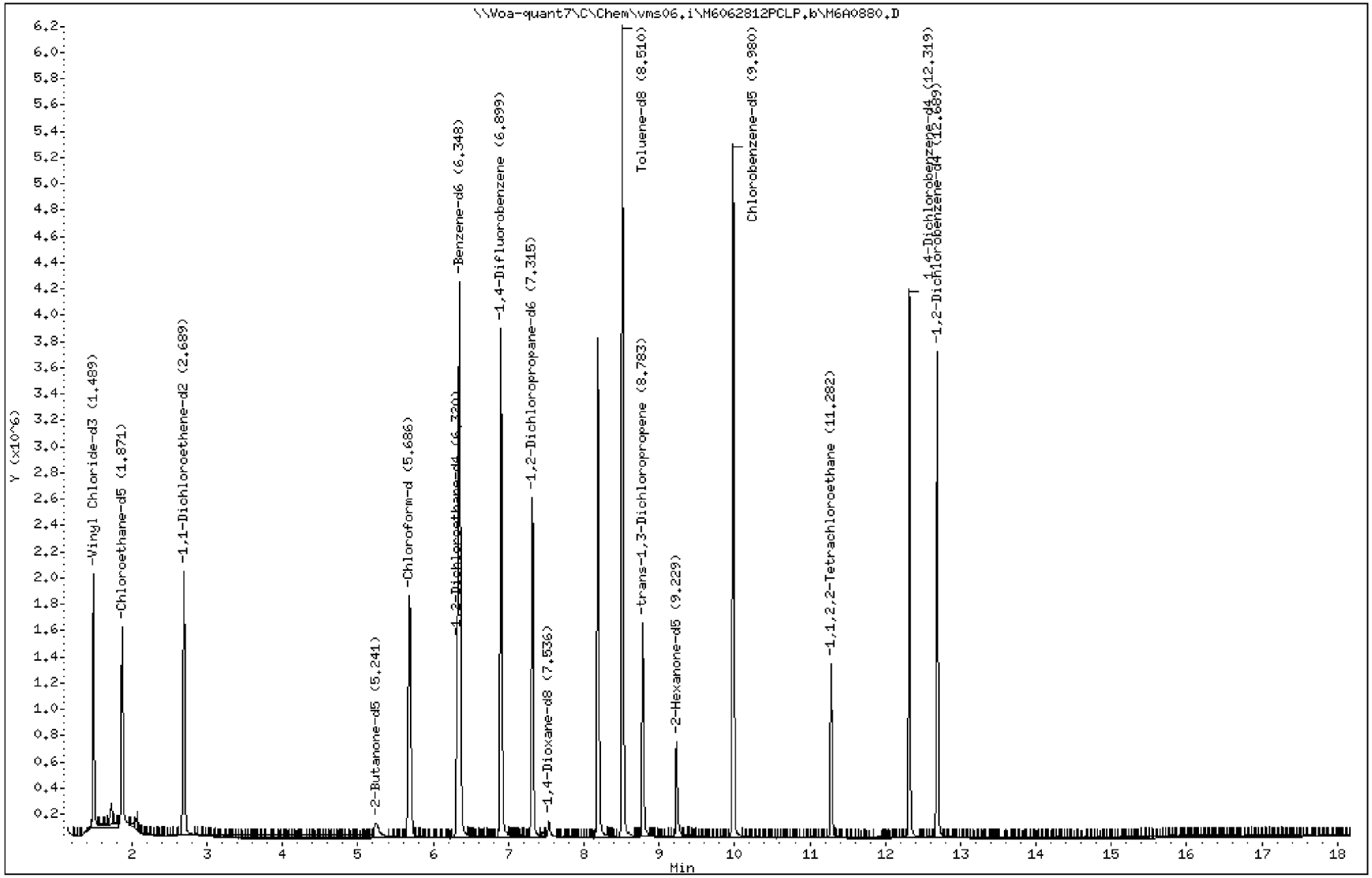
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0880.D
Lab Smp Id: 350638620  Client Smp ID: F5YD5
Inj Date  : 29-JUN-2012 03:19  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638620;3506386;1;
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0880.D
Date : 29-JUN-2012 03:19
Client ID: F5YD5
Sample Info: 350638620;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE1

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638608
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0861.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/2012
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE1

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638608

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0861.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YE1

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638608
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0861.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0861.D
Lab Smp Id: 350638608  Client Smp ID: F5YE1
Inj Date  : 28-JUN-2012 19:43  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638608;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1440437 | 51.3567 | 51.3567 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1318841 | 50.6606 | 50.6606 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1410180 | 35.8883 | 35.8883 |
| $ 82 2-Butanone-d5 | 46 | 5.228 | 5.228 | (0.758) | 180637 | 88.2535 | 88.2535 |
| $ 83 Chloroform-d | 84 | 5.687 | 5.689 | (0.824) | 1540535 | 48.2517 | 48.2517(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.322 | 6.323 | (0.916) | 832650 | 50.9096 | 50.9096 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 3522771 | 51.7455 | 51.7455 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2734067 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 990639 | 51.4874 | 51.4874 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.540 | 7.539 | (1.093) | 73298 | 1366.54 | 1366.54(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3363721 | 52.6583 | 52.6583 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 652313 | 45.2467 | 45.2467 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 212674 | 87.7078 | 87.7078 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2292208 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 548930 | 48.2152 | 48.2152 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 894869 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 796849 | 52.0259 | 52.0259 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0861.D
Lab Smp Id: 350638608  Client Smp ID: F5YE1
Inj Date  : 28-JUN-2012 19:43  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638608;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0861.D



Date : 28-JUN-2012 19:43

Client ID: F5YE1

Instrument: vms06.i

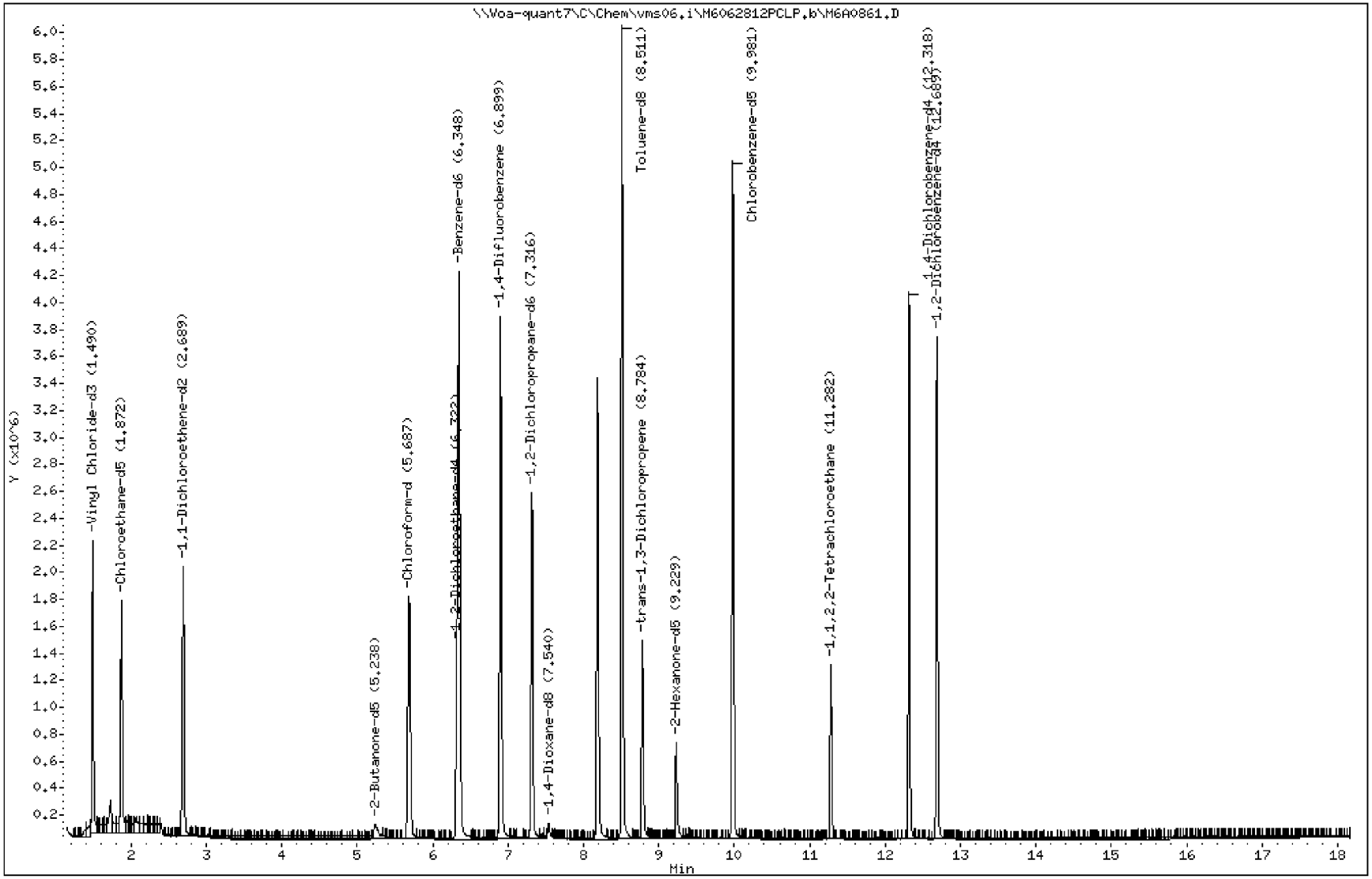
Sample Info: 350638608;3506386;1;

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE2

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638609

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0862.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE2

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638609

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0862.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/28/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5YE2

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638609
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0862.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | | Unknown | 1.733 | 5.4 | J |
| 02 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0862.D
Lab Smp Id: 350638609  Client Smp ID: F5YE2
Inj Date  : 28-JUN-2012 20:08  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638609;3506386;1;
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1497440 | 49.9418 | 49.9418 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1415227 | 50.8529 | 50.8529 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.692 | (0.390) | 1452746 | 34.5843 | 34.5843 |
| $ 82 2-Butanone-d5 | 46 | 5.229 | 5.228 | (0.758) | 199192 | 91.0351 | 91.0351 |
| $ 83 Chloroform-d | 84 | 5.688 | 5.689 | (0.824) | 1667630 | 48.8599 | 48.8599(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.323 | (0.916) | 910780 | 52.0910 | 52.0910 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3816586 | 51.2239 | 51.2239 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 2922789 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 1102803 | 52.3713 | 52.3713 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.537 | 7.539 | (1.092) | 71559 | 1247.98 | 1247.98(Q) |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3638102 | 52.0393 | 52.0393 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 735045 | 46.5860 | 46.5860 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 231670 | 87.2979 | 87.2978 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2508673 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 588313 | 47.2156 | 47.2156 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1000381 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 890087 | 51.9841 | 51.9841 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0862.D
Lab Smp Id: 350638609  Client Smp ID: F5YE2
Inj Date : 28-JUN-2012 20:08  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : 350638609;3506386;1;
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

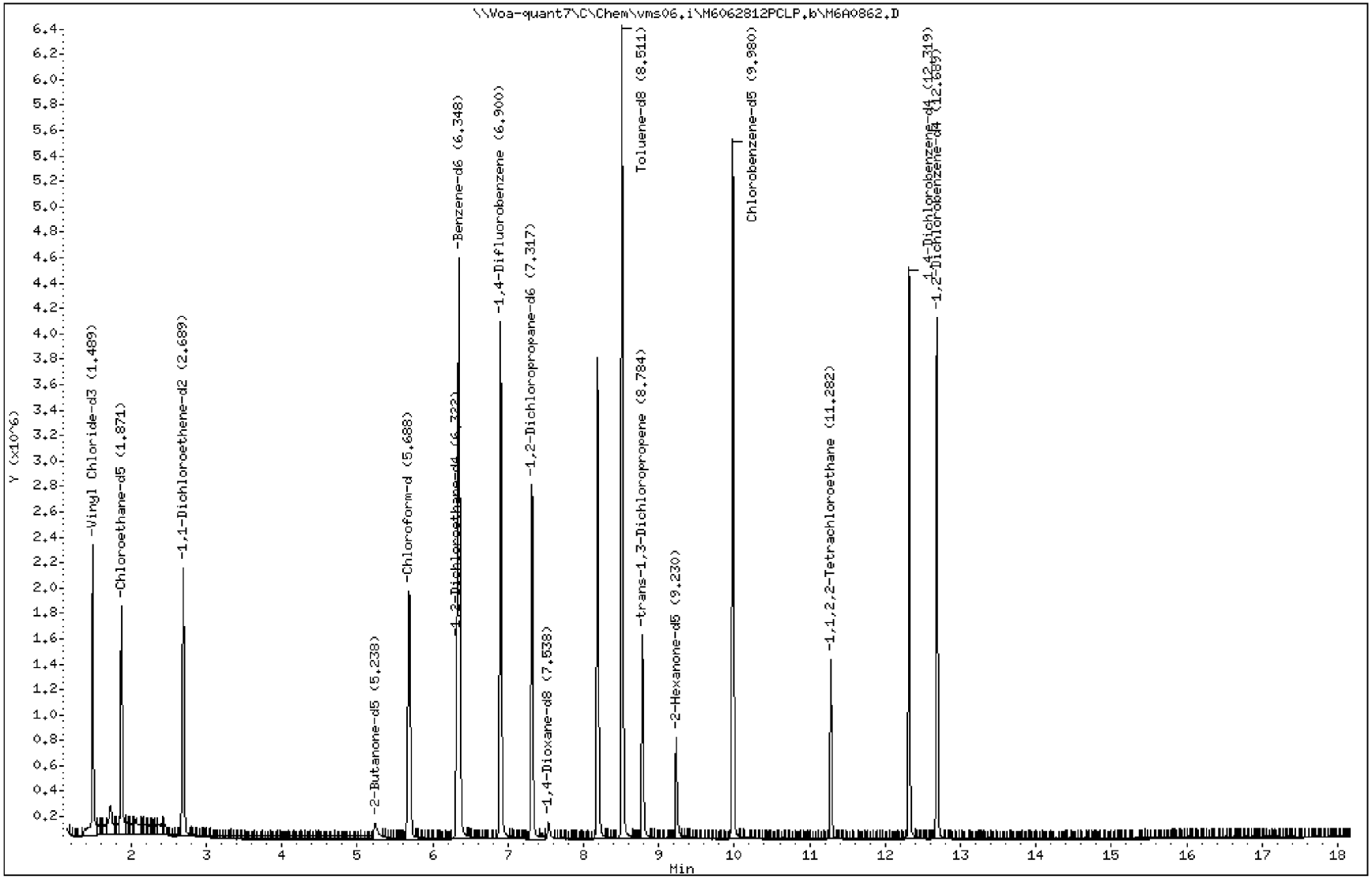
| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.900 | 7368955 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.733 | 793067 | 5.38113651 | 5.38114 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0862.D
Date : 28-JUN-2012 20:08
Client ID: F5YE2
Sample Info: 350638609;3506386;1;
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0862.D



Date : 28-JUN-2012 20:08

Client ID: F5YE2

Instrument: vms06.i

Sample Info: 350638609;3506386;1;

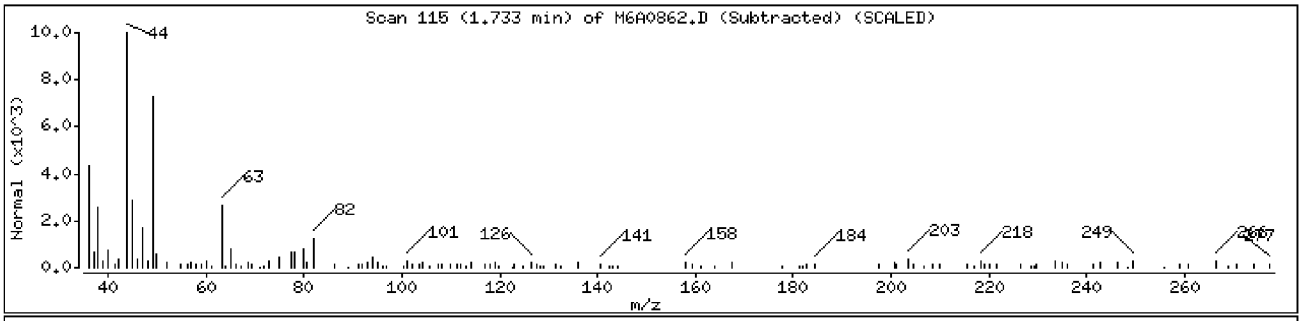
Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA-1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE6

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID 350638610

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6A0881.D

Level:(TRACE/LOW/MED) LOW Date Received: 06/21/2012

% Moisture: not dec. Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 5.0 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA-2

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5YE6

Lab Name: Spectrum Analytical, Inc.

Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616

Mod. Ref No.: SDG No.: F5YB1

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID 350638610

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: M6A0881.D

Level:(TRACE/LOW/MED) LOW

Date Received: 06/21/2012

% Moisture: not dec.

Date Analyzed: 06/29/2012

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
F5YE6

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID 350638610
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0881.D
Level:(TRACE/LOW/MED) LOW
Date Received: 06/21/12
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | 0 | |

[2] EPA-designated Registry Number.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0881.D
Lab Smp Id: 350638610  Client Smp ID: F5YE6
Inj Date  : 29-JUN-2012 03:44  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638610;3506386;1;
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.490 | 1.489 | (0.216) | 1392472 | 51.1575 | 51.1575 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1288272 | 50.9924 | 50.9924 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.689 | 2.692 | (0.390) | 1381428 | 36.2265 | 36.2265 |
| $ 82 2-Butanone-d5 | 46 | 5.228 | 5.228 | (0.758) | 151408 | 76.2244 | 76.2244 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1487830 | 48.0192 | 48.0192(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.319 | 6.323 | (0.916) | 825988 | 52.0393 | 52.0393 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3446075 | 51.3218 | 51.3218 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2653318 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 969623 | 51.0949 | 51.0949 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.534 | 7.539 | (1.092) | 68283 | 1311.79 | 1311.79(Q) |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3340043 | 53.0136 | 53.0136 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 651983 | 45.8518 | 45.8518 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 205723 | 86.0193 | 86.0192 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2260815 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 557202 | 49.6214 | 49.6214 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 874645 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 787978 | 52.6363 | 52.6363 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0881.D
Lab Smp Id: 350638610  Client Smp ID: F5YE6
Inj Date  : 29-JUN-2012 03:44  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : 350638610;3506386;1;
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14
Processing Host: VOLS11

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0881.D

Page 4

Date : 29-JUN-2012 03:44

Client ID: F5YE6

Instrument: vms06.i

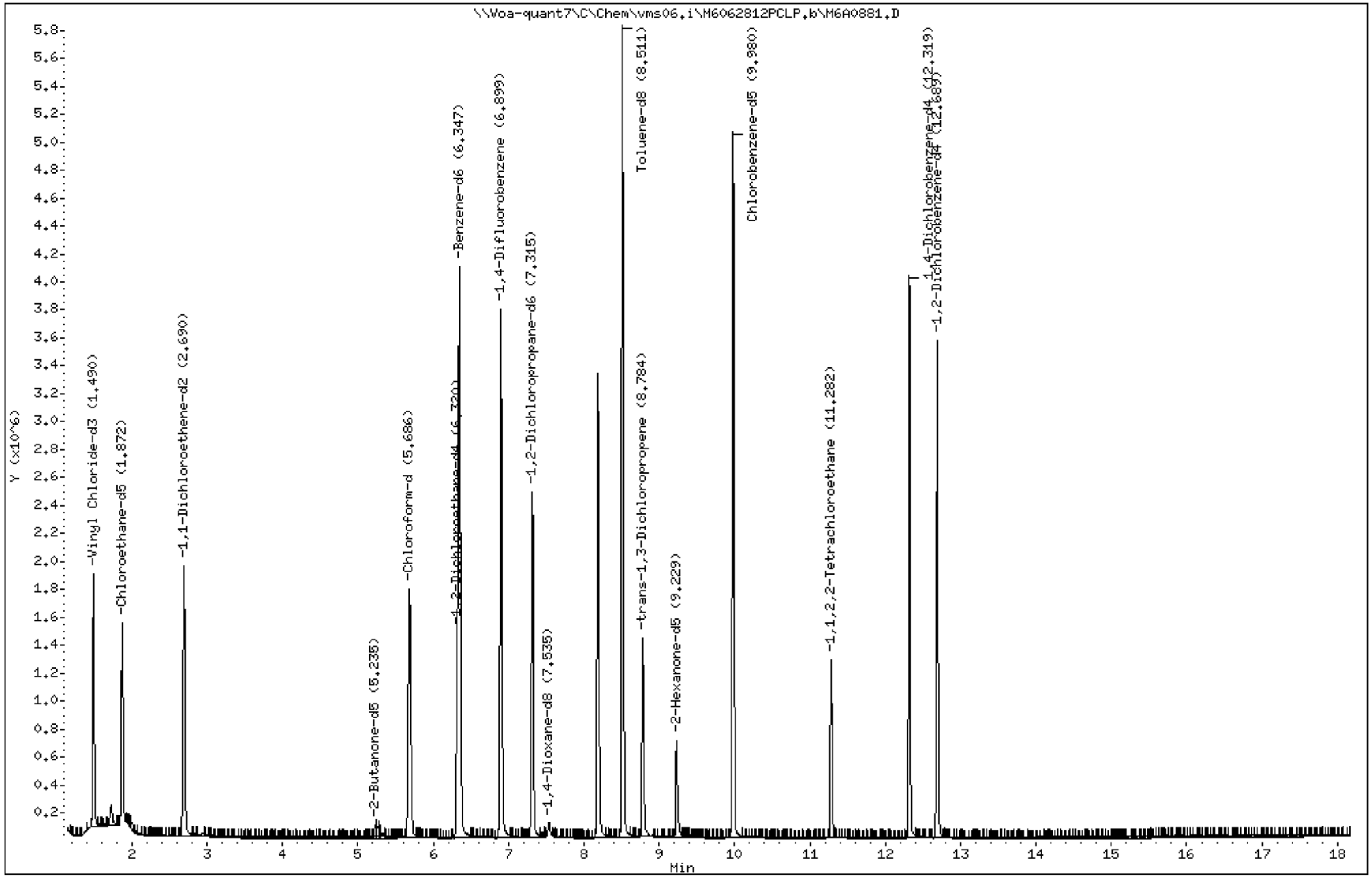
Sample Info: 350638610;3506386;1;

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



6A- FORM VI VOA-1
VOLATILE ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates(s) 06/27/2012 06/27/2012

Heated Purge: (Y/N) N Calibration Times(s) 6:22 8:03

Purge Volume: 5.0 (mL)

GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

LAB FILE ID: RRF 005 = M6A0795.D RRF 010 = M6A0796.D

RRF 050 = M6A0797.D RRF 100 = M6A0798.D RRF 200 = M6A0799.D

| COMPOUND | RRF 005 | RRF 010 | RRF 050 | RRF 100 | RRF 200 | $\overline{RRF}$ | %RSD |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.413 | 0.407 | 0.390 | 0.391 | 0.404 | 0.401 | 2.5 |
| Chloromethane | 0.708 | 0.674 | 0.638 | 0.612 | 0.615 | 0.649 | 6.3 |
| Vinyl chloride | 0.685 | 0.673 | 0.675 | 0.670 | 0.668 | 0.674 | 1.0 |
| Bromomethane | 0.297 | 0.295 | 0.345 | 0.384 | 0.439 | 0.352 | 17.3 |
| Chloroethane | 0.446 | 0.447 | 0.434 | 0.435 | 0.448 | 0.442 | 1.6 |
| Trichlorofluoromethane | 1.004 | 1.047 | 1.001 | 0.961 | 0.960 | 0.995 | 3.6 |
| 1,1-Dichloroethene | 0.294 | 0.316 | 0.319 | 0.331 | 0.366 | 0.325 | 8.2 |
| 1,1,2-Trichloro-1,2,2-trifluoroethan | 0.354 | 0.368 | 0.354 | 0.363 | 0.391 | 0.366 | 4.2 |
| Acetone | 0.069 | 0.070 | 0.070 | 0.077 | 0.086 | 0.074 | 9.9 |
| Carbon disulfide | 1.039 | 0.964 | 0.939 | 0.947 | 0.996 | 0.977 | 4.2 |
| Methyl Acetate | 0.083 | 0.067 | 0.055 | 0.060 | 0.085 | 0.070 | 18.8 |
| Methylene chloride | 0.346 | 0.301 | 0.291 | 0.288 | 0.298 | 0.305 | 7.7 |
| trans-1,2-Dichloroethene | 0.318 | 0.321 | 0.317 | 0.322 | 0.350 | 0.326 | 4.2 |
| Methyl tert-butyl ether | 0.504 | 0.478 | 0.511 | 0.547 | 0.609 | 0.530 | 9.6 |
| 1,1-Dichloroethane | 0.640 | 0.605 | 0.614 | 0.615 | 0.639 | 0.623 | 2.5 |
| cis-1,2-Dichloroethene | 0.313 | 0.301 | 0.311 | 0.317 | 0.336 | 0.316 | 4.1 |
| 2-Butanone | 0.079 | 0.082 | 0.085 | 0.094 | 0.108 | 0.090 | 13.2 |
| Bromochloromethane | 0.112 | 0.113 | 0.116 | 0.119 | 0.128 | 0.118 | 5.4 |
| Chloroform | 0.584 | 0.583 | 0.577 | 0.576 | 0.607 | 0.585 | 2.2 |
| 1,1,1-Trichloroethane | 0.536 | 0.537 | 0.540 | 0.584 | 0.627 | 0.565 | 7.1 |
| Cyclohexane | 0.815 | 0.850 | 0.823 | 0.833 | 0.857 | 0.836 | 2.1 |
| Carbon tetrachloride | 0.386 | 0.397 | 0.435 | 0.487 | 0.548 | 0.451 | 14.9 |
| Benzene | 1.705 | 1.708 | 1.615 | 1.618 | 1.532 | 1.636 | 4.5 |
| 1,2-Dichloroethane | 0.400 | 0.387 | 0.398 | 0.406 | 0.427 | 0.404 | 3.6 |
| 1,4-Dioxane | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 17.8 |
| Trichloroethene | 0.421 | 0.416 | 0.394 | 0.406 | 0.425 | 0.413 | 3.1 |
| Methylcyclohexane | 0.746 | 0.766 | 0.764 | 0.795 | 0.858 | 0.786 | 5.6 |

SOM01.2 (6/2007)

6B- FORM VI VOA-2
VOLATILE ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates(s) 06/27/2012 06/27/2012

Heated Purge: (Y/N) N Calibration Times(s) 6:22 8:03

Purge Volume: 5.0 (mL)

GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

LAB FILE ID: RRF 005 = M6A0795.D RRF 010 = M6A0796.D

RRF 050 = M6A0797.D RRF 100 = M6A0798.D RRF 200 = M6A0799.D

| COMPOUND | RRF 005 | RRF 010 | RRF 050 | RRF 100 | RRF 200 | $\overline{RRF}$ | %RSD |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.410 | 0.369 | 0.392 | 0.417 | 0.444 | 0.407 | 6.8 |
| Bromodichloromethane | 0.410 | 0.414 | 0.422 | 0.442 | 0.458 | 0.429 | 4.7 |
| cis-1,3-Dichloropropene | 0.459 | 0.465 | 0.513 | 0.552 | 0.575 | 0.513 | 10.0 |
| 4-Methyl-2-pentanone | 0.187 | 0.180 | 0.197 | 0.219 | 0.238 | 0.204 | 11.7 |
| Toluene | 1.719 | 1.788 | 1.775 | 1.788 | 1.437 | 1.701 | 8.8 |
| trans-1,3-Dichloropropene | 0.295 | 0.308 | 0.391 | 0.449 | 0.489 | 0.387 | 22.0 |
| 1,1,2-Trichloroethane | 0.236 | 0.225 | 0.208 | 0.234 | 0.249 | 0.230 | 6.6 |
| Tetrachloroethene | 0.343 | 0.329 | 0.332 | 0.344 | 0.384 | 0.346 | 6.3 |
| 2-Hexanone | 0.121 | 0.131 | 0.148 | 0.151 | 0.188 | 0.148 | 17.5 |
| Dibromochloromethane | 0.209 | 0.215 | 0.239 | 0.270 | 0.292 | 0.245 | 14.4 |
| 1,2-Dibromoethane | 0.211 | 0.206 | 0.208 | 0.222 | 0.232 | 0.216 | 5.2 |
| Chlorobenzene | 1.052 | 1.042 | 1.027 | 1.052 | 1.052 | 1.045 | 1.0 |
| Ethylbenzene | 1.893 | 1.979 | 1.972 | 1.973 | 1.451 | 1.854 | 12.3 |
| o-Xylene | 0.650 | 0.685 | 0.713 | 0.778 | 0.862 | 0.738 | 11.4 |
| m,p-Xylene | 0.723 | 0.717 | 0.753 | 0.794 | 0.832 | 0.764 | 6.4 |
| Styrene | 1.049 | 1.081 | 1.158 | 1.258 | 1.195 | 1.148 | 7.4 |
| Bromoform | 0.232 | 0.230 | 0.264 | 0.301 | 0.336 | 0.272 | 16.7 |
| Isopropylbenzene | 1.745 | 1.799 | 1.885 | 1.923 | 1.402 | 1.751 | 11.8 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.240 | 0.241 | 0.254 | 0.278 | 0.253 | 5.9 |
| 1,3-Dichlorobenzene | 1.530 | 1.475 | 1.520 | 1.525 | 1.587 | 1.527 | 2.6 |
| 1,4-Dichlorobenzene | 1.776 | 1.598 | 1.557 | 1.562 | 1.617 | 1.622 | 5.5 |
| 1,2-Dichlorobenzene | 1.356 | 1.327 | 1.344 | 1.366 | 1.453 | 1.369 | 3.6 |
| 1,2-Dibromo-3-chloropropane | 0.063 | 0.054 | 0.065 | 0.070 | 0.082 | 0.067 | 15.3 |
| 1,2,4-Trichlorobenzene | 0.693 | 0.611 | 0.629 | 0.659 | 0.742 | 0.667 | 7.9 |
| 1,2,3-Trichlorobenzene | 0.490 | 0.443 | 0.424 | 0.464 | 0.524 | 0.469 | 8.4 |

SOM01.2 (6/2007)

6C- FORM VI VOA-3
VOLATILE ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates(s) 06/27/2012 06/27/2012

Heated Purge: (Y/N) N Calibration Times(s) 6:22 8:03

Purge Volume: 5.0 (mL)

GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

LAB FILE ID: RRF 005 = M6A0795.D RRF 010 = M6A0796.D

RRF 050 = M6A0797.D RRF 100 = M6A0798.D RRF 200 = M6A0799.D

| COMPOUND | RRF 005 | RRF 010 | RRF 050 | RRF 100 | RRF 200 | $\overline{RRF}$ | %RSD |
|---|---|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.500 | 0.526 | 0.513 | 0.508 | 0.518 | 0.513 | 1.9 |
| Chloroethane-d5 | 0.482 | 0.483 | 0.467 | 0.465 | 0.483 | 0.476 | 1.9 |
| 1,1-Dichloroethene-d2 | 0.692 | 0.714 | 0.706 | 0.709 | 0.772 | 0.719 | 4.3 |
| 2-Butanone-d5 | 0.045 | 0.033 | 0.034 | 0.036 | 0.040 | 0.037 | 13.6 |
| Chloroform-d | 0.581 | 0.575 | 0.576 | 0.572 | 0.615 | 0.584 | 3.0 |
| 1,2-Dichloroethane-d4 | 0.306 | 0.296 | 0.294 | 0.289 | 0.310 | 0.299 | 2.9 |
| Benzene-d6 | 1.479 | 1.576 | 1.466 | 1.460 | 1.444 | 1.485 | 3.5 |
| 1,2-Dichloropropane-d6 | 0.424 | 0.433 | 0.407 | 0.411 | 0.424 | 0.420 | 2.6 |
| Toluene-d8 | 1.357 | 1.429 | 1.414 | 1.439 | 1.329 | 1.393 | 3.5 |
| trans-1,3-Dichloropropene-d4 | 0.250 | 0.241 | 0.311 | 0.364 | 0.406 | 0.314 | 22.7 |
| 2-Hexanone-d5 | 0.040 | 0.042 | 0.051 | 0.060 | 0.071 | 0.053 | 23.9 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 11.1 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.236 | 0.240 | 0.230 | 0.258 | 0.278 | 0.248 | 7.9 |
| 1,2-Dichlorobenzene-d4 | 0.840 | 0.821 | 0.829 | 0.856 | 0.933 | 0.856 | 5.3 |

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0795.D
Lab Smp Id: VSTD0056M  Client Smp ID: VSTD0056M
Inj Date : 27-JUN-2012 06:22
Operator : MST  Inst ID: vms06.i
Smp Info : VSTD0056M
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date : 26-JUN-2012 08:04  Cal File: M6A0798.D
Als bottle: 2  Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.242 | 1.241 | (0.180) | 128561 | 5.00000 | 5.15368 |
| 2 Chloromethane | 50 | 1.395 | 1.397 | (0.202) | 220136 | 5.00000 | 5.44958 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.490 | 1.488 | (0.216) | 155408 | 5.00000 | 4.87116(a) |
| 3 Vinyl Chloride | 62 | 1.497 | 1.494 | (0.217) | 212982 | 5.00000 | 5.08027 |
| 4 Bromomethane | 94 | 1.797 | 1.791 | (0.261) | 92262 | 5.00000 | 4.21460 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.868 | (0.272) | 150039 | 5.00000 | 5.06686 |
| 5 Chloroethane | 64 | 1.897 | 1.894 | (0.275) | 138585 | 5.00000 | 5.03966 |
| 6 Trichlorofluoromethane | 101 | 2.151 | 2.149 | (0.312) | 312322 | 5.00000 | 5.04905 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.691 | 2.694 | (0.390) | 215290 | 5.00000 | 4.81680(a) |
| 7 1,1-Dichloroethene | 96 | 2.704 | 2.707 | (0.392) | 91278 | 5.00000 | 4.51259(Q) |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.731 | 2.735 | (0.396) | 110021 | 5.00000 | 4.83382 |
| 9 Acetone | 43 | 2.791 | 2.790 | (0.405) | 42833 | 10.0000 | 9.24896 |
| 10 Carbon Disulfide | 76 | 2.936 | 2.941 | (0.426) | 323055 | 5.00000 | 5.31640 |
| 11 Methyl Acetate | 43 | 3.239 | 3.230 | (0.470) | 25707 | 5.00000 | 5.91250 |
| 12 Methylene Chloride | 84 | 3.322 | 3.323 | (0.482) | 107568 | 5.00000 | 5.67573 |
| 13 trans-1,2-Dichloroethene | 96 | 3.718 | 3.718 | (0.539) | 98994 | 5.00000 | 4.88768 |
| 14 Methyl tert-Butyl ether | 73 | 3.762 | 3.760 | (0.545) | 156856 | 5.00000 | 4.75813 |
| 15 1,1-Dichloroethane | 63 | 4.365 | 4.371 | (0.633) | 199066 | 5.00000 | 5.14124 |
| $ 82 2-Butanone-d5 | 46 | 5.278 | 5.225 | (0.765) | 28160 | 10.0000 | 12.0952 |
| 17 cis-1,2-Dichloroethene | 96 | 5.249 | 5.246 | (0.761) | 97345 | 5.00000 | 4.95935 |
| 16 2-Butanone | 43 | 5.330 | 5.305 | (0.773) | 49018 | 10.0000 | 8.78594 |
| 18 Bromochloromethane | 128 | 5.567 | 5.569 | (0.807) | 34952 | 5.00000 | 4.77546(Q) |

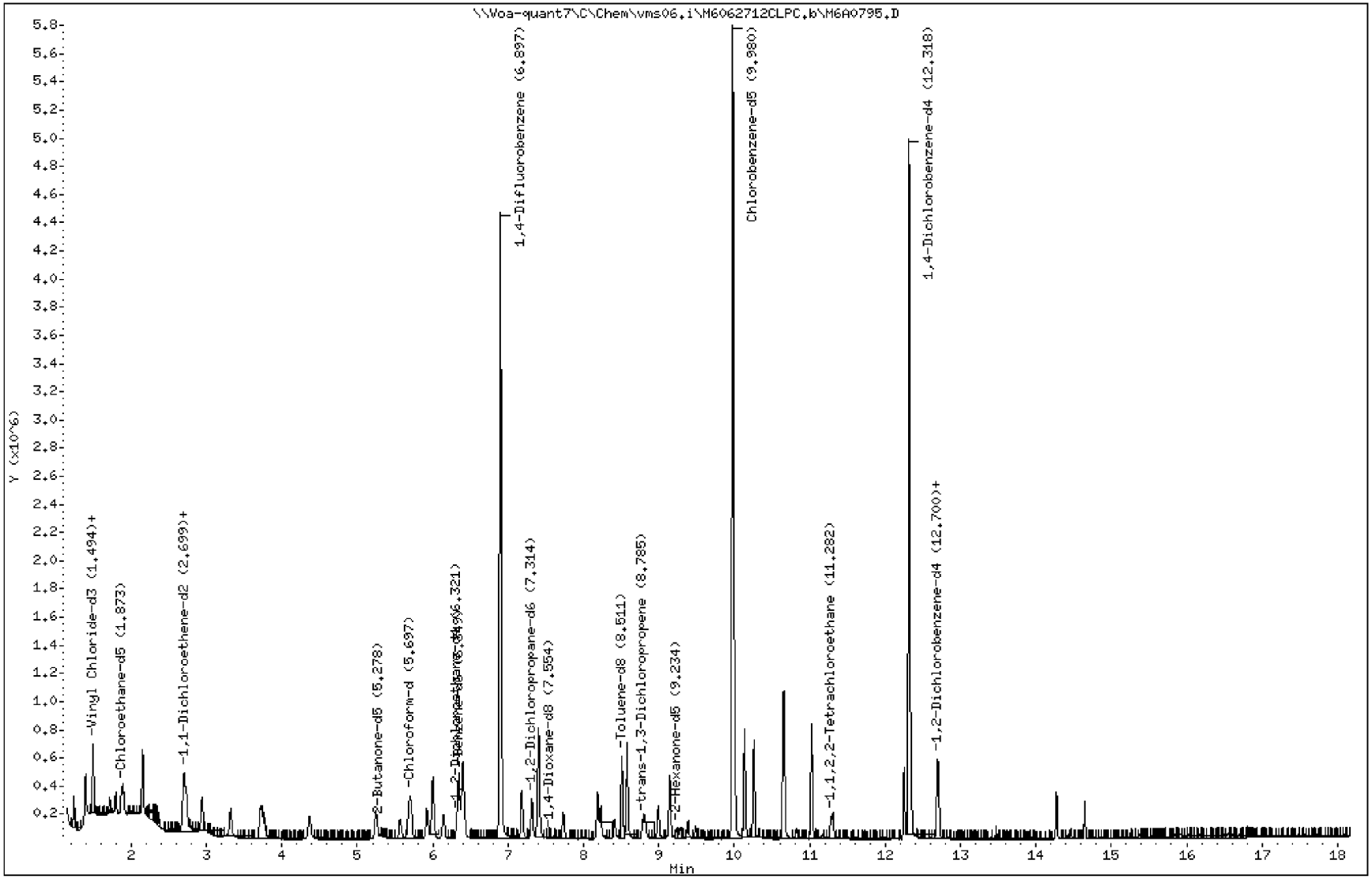
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.690 | 5.688 | (0.825) | 180813 | 5.00000 | 4.97883(a) |
| 19 Chloroform | 83 | 5.712 | 5.712 | (0.828) | 181737 | 5.00000 | 4.99044 |
| 20 1,1,1-Trichloroethane | 97 | 5.925 | 5.929 | (0.594) | 137565 | 5.00000 | 4.74120 |
| 21 Cyclohexane | 56 | 5.999 | 6.005 | (0.601) | 209417 | 5.00000 | 4.87839 |
| 22 Carbon Tetrachloride | 117 | 6.144 | 6.147 | (0.616) | 99251 | 5.00000 | 4.28710 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.321 | (0.916) | 95286 | 5.00000 | 5.12180 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 379763 | 5.00000 | 4.97874(a) |
| 25 Benzene | 78 | 6.395 | 6.396 | (0.641) | 437810 | 5.00000 | 5.21116 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 124354 | 5.00000 | 4.95465 |
| * 26 1,4-Difluorobenzene | 114 | 6.897 | 6.899 | (1.000) | 3109946 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.182 | 7.181 | (0.720) | 108237 | 5.00000 | 5.10736 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 108839 | 5.00000 | 5.04880 |
| 28 Methylcyclohexane | 83 | 7.400 | 7.405 | (0.742) | 191638 | 5.00000 | 4.74715 |
| 29 1,2-Dichloropropane | 63 | 7.416 | 7.415 | (0.743) | 105398 | 5.00000 | 5.04697 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.555 | 7.538 | (1.095) | 5822 | 100.000 | 95.4246(aQ) |
| 93 1,4-Dioxane | 88 | 7.605 | 7.595 | (1.103) | 9485 | 100.000 | 112.938(Q) |
| 30 Bromodichloromethane | 83 | 7.734 | 7.734 | (0.775) | 105293 | 5.00000 | 4.77536 |
| 31 cis-1,3-Dichloropropene | 75 | 8.226 | 8.227 | (0.824) | 117817 | 5.00000 | 4.47384 |
| 32 4-Methyl-2-Pentanone | 43 | 8.413 | 8.412 | (0.843) | 96058 | 10.0000 | 9.16435 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 348446 | 5.00000 | 4.86856(a) |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 441367 | 5.00000 | 5.05118 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.785 | (0.880) | 64258 | 5.00000 | 3.97811(a) |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.814 | (0.883) | 75718 | 5.00000 | 3.81379 |
| 36 1,1,2-Trichloroethane | 97 | 8.991 | 8.992 | (0.901) | 60539 | 5.00000 | 5.11826 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 88054 | 5.00000 | 4.95104 |
| $ 87 2-Hexanone-d5 | 63 | 9.233 | 9.228 | (0.925) | 20681 | 10.0000 | 7.61226 |
| 38 2-Hexanone | 43 | 9.279 | 9.277 | (0.930) | 61979 | 10.0000 | 8.16879 |
| 39 Dibromochloromethane | 129 | 9.385 | 9.388 | (0.940) | 53745 | 5.00000 | 4.26873 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 54192 | 5.00000 | 4.89072 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.982 | (1.000) | 2568240 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.008 | 10.010 | (1.003) | 270116 | 5.00000 | 5.03204 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 486258 | 5.00000 | 5.10680 |
| 45 m,p-Xylene | 106 | 10.259 | 10.258 | (1.028) | 185692 | 5.00000 | 4.73321(Q) |
| 46 o-Xylene | 106 | 10.648 | 10.652 | (1.067) | 166928 | 5.00000 | 4.40526(Q) |
| 47 Styrene | 104 | 10.663 | 10.662 | (1.068) | 269497 | 5.00000 | 4.56990 |
| 48 Bromoform | 173 | 10.825 | 10.824 | (0.879) | 25335 | 5.00000 | 4.25690 |
| 49 Isopropylbenzene | 105 | 11.027 | 11.029 | (1.105) | 448138 | 5.00000 | 4.98268 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 60652 | 5.00000 | 4.75478(a) |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 65058 | 5.00000 | 5.00086 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.254 | (0.995) | 167076 | 5.00000 | 5.00846 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.319 | (1.000) | 1092055 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.343 | 12.342 | (1.002) | 193896 | 5.00000 | 5.47348 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.690 | (1.030) | 91691 | 5.00000 | 4.90553(a) |
| 54 1,2-Dichlorobenzene | 146 | 12.707 | 12.708 | (1.032) | 148065 | 5.00000 | 4.95194 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.478 | 13.473 | (1.094) | 6836 | 5.00000 | 4.68826 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.276 | 14.274 | (1.159) | 75722 | 5.00000 | 5.19734 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.650 | 14.646 | (1.189) | 53557 | 5.00000 | 5.23002 |

## QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0795.D
Date : 27-JUN-2012 06:22
Client ID: VSTD0056M
Sample Info: VSTD0056M
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0796.D
Lab Smp Id: VSTD0106M  Client Smp ID: VSTD0106M
Inj Date  : 27-JUN-2012 06:47
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0106M
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date  : 26-JUN-2012 08:04  Cal File: M6A0798.D
Als bottle: 3  Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 258417 | 10.0000 | 10.1435 |
| 2 Chloromethane | 50 | 1.395 | 1.397 | (0.202) | 428438 | 10.0000 | 10.3853 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.488 | (0.216) | 334087 | 10.0000 | 10.2536 |
| 3 Vinyl Chloride | 62 | 1.496 | 1.494 | (0.217) | 427187 | 10.0000 | 9.97746 |
| 4 Bromomethane | 94 | 1.797 | 1.791 | (0.261) | 187601 | 10.0000 | 8.39126 |
| $ 80 Chloroethane-d5 | 69 | 1.873 | 1.868 | (0.271) | 306814 | 10.0000 | 10.1454 |
| 5 Chloroethane | 64 | 1.898 | 1.894 | (0.275) | 284255 | 10.0000 | 10.1216 |
| 6 Trichlorofluoromethane | 101 | 2.154 | 2.149 | (0.312) | 664951 | 10.0000 | 10.5258 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.692 | 2.694 | (0.390) | 453322 | 10.0000 | 9.93115 |
| 7 1,1-Dichloroethene | 96 | 2.706 | 2.707 | (0.392) | 200828 | 10.0000 | 9.72170 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.733 | 2.735 | (0.396) | 233840 | 10.0000 | 10.0599 |
| 9 Acetone | 43 | 2.789 | 2.790 | (0.404) | 88831 | 20.0000 | 18.7818 |
| 10 Carbon Disulfide | 76 | 2.938 | 2.941 | (0.426) | 612123 | 10.0000 | 9.86366 |
| 11 Methyl Acetate | 43 | 3.231 | 3.230 | (0.468) | 42396 | 10.0000 | 9.54780 |
| 12 Methylene Chloride | 84 | 3.324 | 3.323 | (0.482) | 190898 | 10.0000 | 9.86276 |
| 13 trans-1,2-Dichloroethene | 96 | 3.723 | 3.718 | (0.540) | 203681 | 10.0000 | 9.84697 |
| 14 Methyl tert-Butyl ether | 73 | 3.765 | 3.760 | (0.546) | 303902 | 10.0000 | 9.02666 |
| 15 1,1-Dichloroethane | 63 | 4.370 | 4.371 | (0.633) | 384419 | 10.0000 | 9.72152 |
| $ 82 2-Butanone-d5 | 46 | 5.246 | 5.225 | (0.760) | 41649 | 20.0000 | 17.5164 |
| 17 cis-1,2-Dichloroethene | 96 | 5.250 | 5.246 | (0.761) | 191037 | 10.0000 | 9.52987 |
| 16 2-Butanone | 43 | 5.324 | 5.305 | (0.772) | 104006 | 20.0000 | 18.2536 |
| 18 Bromochloromethane | 128 | 5.574 | 5.569 | (0.808) | 72007 | 10.0000 | 9.63334(Q) |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.689 | 5.688 | (0.825) | 365333 | 10.0000 | 9.85020 |
| 19 Chloroform | 83 | 5.714 | 5.712 | (0.828) | 370097 | 10.0000 | 9.95106 |
| 20 1,1,1-Trichloroethane | 97 | 5.928 | 5.929 | (0.594) | 277736 | 10.0000 | 9.51096(Q) |
| 21 Cyclohexane | 56 | 6.006 | 6.005 | (0.602) | 439599 | 10.0000 | 10.1750 |
| 22 Carbon Tetrachloride | 117 | 6.144 | 6.147 | (0.616) | 205296 | 10.0000 | 8.81091 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.324 | 6.321 | (0.917) | 188093 | 10.0000 | 9.89976 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 814574 | 10.0000 | 10.6108 |
| 25 Benzene | 78 | 6.396 | 6.396 | (0.641) | 882896 | 10.0000 | 10.4417 |
| 24 1,2-Dichloroethane | 62 | 6.416 | 6.415 | (0.930) | 245951 | 10.0000 | 9.59533 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 3176102 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.183 | 7.181 | (0.720) | 215128 | 10.0000 | 10.0862 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 223996 | 10.0000 | 10.3242 |
| 28 Methylcyclohexane | 83 | 7.401 | 7.405 | (0.742) | 395883 | 10.0000 | 9.74383 |
| 29 1,2-Dichloropropane | 63 | 7.416 | 7.415 | (0.743) | 191012 | 10.0000 | 9.08806 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.552 | 7.538 | (1.095) | 13815 | 200.000 | 221.716(Q) |
| 93 1,4-Dioxane | 88 | 7.604 | 7.595 | (1.102) | 21236 | 200.000 | 247.590(Q) |
| 30 Bromodichloromethane | 83 | 7.735 | 7.734 | (0.775) | 214243 | 10.0000 | 9.65440 |
| 31 cis-1,3-Dichloropropene | 75 | 8.228 | 8.227 | (0.824) | 240335 | 10.0000 | 9.06778 |
| 32 4-Methyl-2-Pentanone | 43 | 8.414 | 8.412 | (0.843) | 186033 | 20.0000 | 17.6348 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 738480 | 10.0000 | 10.2522 |
| 34 Toluene | 91 | 8.580 | 8.579 | (0.860) | 924142 | 10.0000 | 10.5086 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.785 | (0.880) | 124734 | 10.0000 | 7.67267 |
| 35 trans-1,3-Dichloropropene | 75 | 8.814 | 8.814 | (0.883) | 159239 | 10.0000 | 7.96928 |
| 36 1,1,2-Trichloroethane | 97 | 8.994 | 8.992 | (0.901) | 116096 | 10.0000 | 9.75252 |
| 37 Tetrachloroethene | 164 | 9.148 | 9.150 | (0.917) | 169929 | 10.0000 | 9.49352 |
| $ 87 2-Hexanone-d5 | 63 | 9.237 | 9.228 | (0.925) | 43890 | 20.0000 | 16.0516 |
| 38 2-Hexanone | 43 | 9.280 | 9.277 | (0.930) | 135365 | 20.0000 | 17.7268 |
| 39 Dibromochloromethane | 129 | 9.388 | 9.388 | (0.941) | 111385 | 10.0000 | 8.79021 |
| 40 1,2-Dibromoethane | 107 | 9.493 | 9.491 | (0.951) | 106329 | 10.0000 | 9.53458 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.982 | (1.000) | 2584780 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.010 | 10.010 | (1.003) | 538592 | 10.0000 | 9.96932 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 1022909 | 10.0000 | 10.6741 |
| 45 m,p-Xylene | 106 | 10.259 | 10.258 | (1.028) | 370466 | 10.0000 | 9.38260 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 354233 | 10.0000 | 9.28846 |
| 47 Styrene | 104 | 10.663 | 10.662 | (1.068) | 558686 | 10.0000 | 9.41309 |
| 48 Bromoform | 173 | 10.825 | 10.824 | (0.879) | 50998 | 10.0000 | 8.43741 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.029 | (1.105) | 930139 | 10.0000 | 10.2757 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.283 | 11.282 | (1.130) | 123935 | 10.0000 | 9.65365 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 124273 | 10.0000 | 9.49145 |
| 52 1,3-Dichlorobenzene | 146 | 12.254 | 12.254 | (0.995) | 327080 | 10.0000 | 9.65446 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1109075 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.343 | 12.342 | (1.002) | 354450 | 10.0000 | 9.85221 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.690 | (1.030) | 182018 | 10.0000 | 9.58864 |
| 54 1,2-Dichlorobenzene | 146 | 12.709 | 12.708 | (1.032) | 294342 | 10.0000 | 9.69302 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.475 | 13.473 | (1.094) | 12051 | 10.0000 | 8.13798 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.274 | 14.274 | (1.159) | 135599 | 10.0000 | 9.16430 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.647 | 14.646 | (1.189) | 98208 | 10.0000 | 9.44316 |

## QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0796.D



Date : 27-JUN-2012 06:47

Client ID: VSTD0106M

Instrument: vms06.i

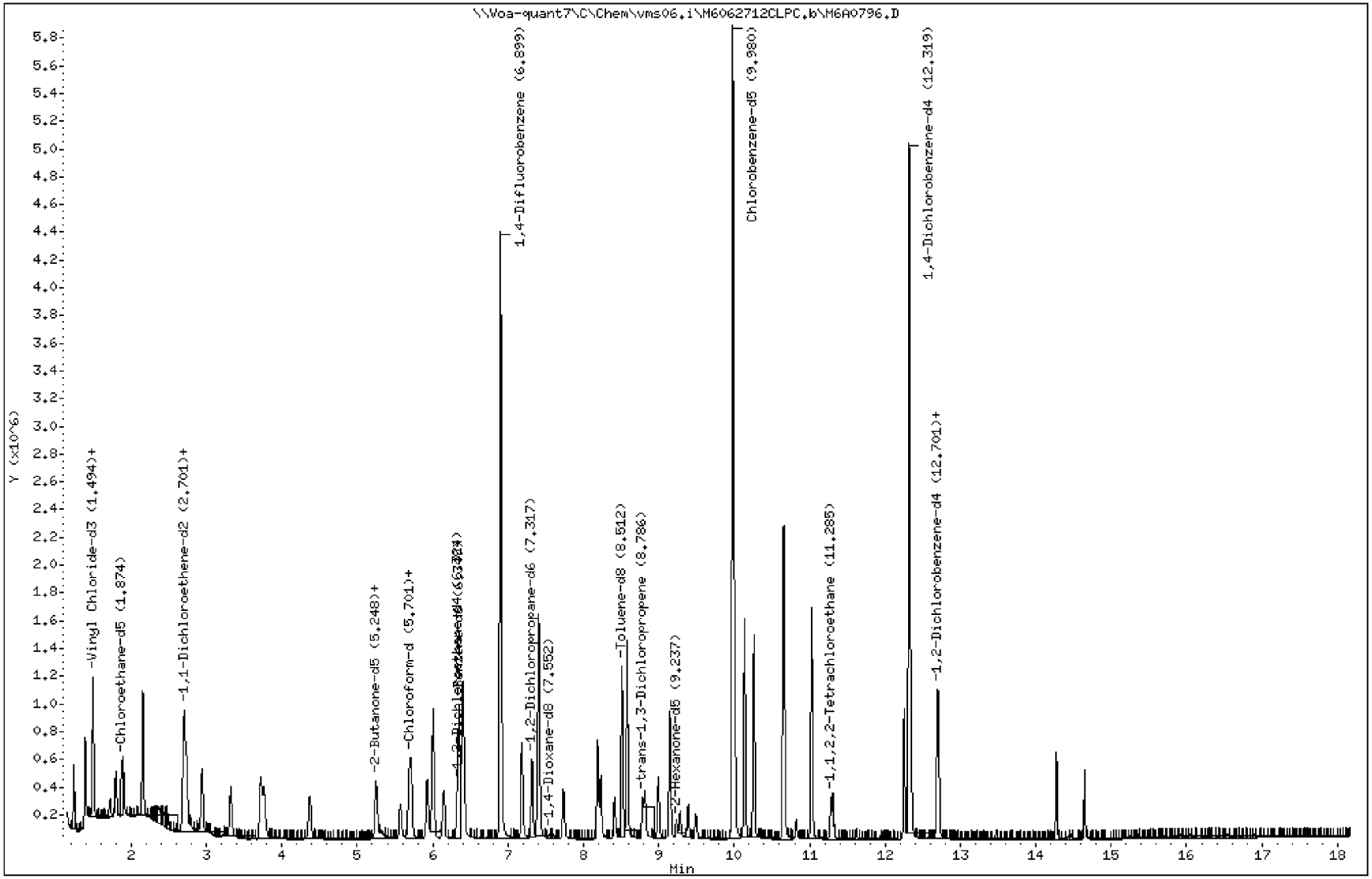
Sample Info: VSTD0106M

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0797.D
Lab Smp Id: VSTD0506M  Client Smp ID: VSTD0506M
Inj Date  : 27-JUN-2012 07:13
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0506M
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date  : 26-JUN-2012 08:04  Cal File: M6A0798.D
Als bottle: 4  Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1279385 | 50.0000 | 48.6737 |
| 2 Chloromethane | 50 | 1.394 | 1.397 | (0.202) | 2091481 | 50.0000 | 49.1371 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.488 | (0.216) | 1680866 | 50.0000 | 50.0008 |
| 3 Vinyl Chloride | 62 | 1.495 | 1.494 | (0.217) | 2212032 | 50.0000 | 50.0748 |
| 4 Bromomethane | 94 | 1.795 | 1.791 | (0.260) | 1130358 | 50.0000 | 49.0043 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.868 | (0.271) | 1531314 | 50.0000 | 49.0776 |
| 5 Chloroethane | 64 | 1.897 | 1.894 | (0.275) | 1422333 | 50.0000 | 49.0874 |
| 6 Trichlorofluoromethane | 101 | 2.155 | 2.149 | (0.312) | 3279645 | 50.0000 | 50.3174 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.695 | 2.694 | (0.391) | 2314202 | 50.0000 | 49.1383 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1045874 | 50.0000 | 49.0708 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.735 | 2.735 | (0.396) | 1158775 | 50.0000 | 48.3168 |
| 9 Acetone | 43 | 2.785 | 2.790 | (0.404) | 460288 | 100.000 | 94.3253 |
| 10 Carbon Disulfide | 76 | 2.939 | 2.941 | (0.426) | 3075897 | 50.0000 | 48.0393 |
| 11 Methyl Acetate | 43 | 3.227 | 3.230 | (0.468) | 181423 | 50.0000 | 39.6001 |
| 12 Methylene Chloride | 84 | 3.322 | 3.323 | (0.482) | 952236 | 50.0000 | 47.6834 |
| 13 trans-1,2-Dichloroethene | 96 | 3.720 | 3.718 | (0.539) | 1039118 | 50.0000 | 48.6904 |
| 14 Methyl tert-Butyl ether | 73 | 3.766 | 3.760 | (0.546) | 1673629 | 50.0000 | 48.1813 |
| 15 1,1-Dichloroethane | 63 | 4.370 | 4.371 | (0.633) | 2012604 | 50.0000 | 49.3303 |
| $ 82 2-Butanone-d5 | 46 | 5.229 | 5.225 | (0.758) | 221621 | 100.000 | 90.3393 |
| 17 cis-1,2-Dichloroethene | 96 | 5.247 | 5.246 | (0.760) | 1018224 | 50.0000 | 49.2310 |
| 16 2-Butanone | 43 | 5.308 | 5.305 | (0.769) | 559055 | 100.000 | 95.0981 |
| 18 Bromochloromethane | 128 | 5.569 | 5.569 | (0.807) | 379004 | 50.0000 | 49.1441 |

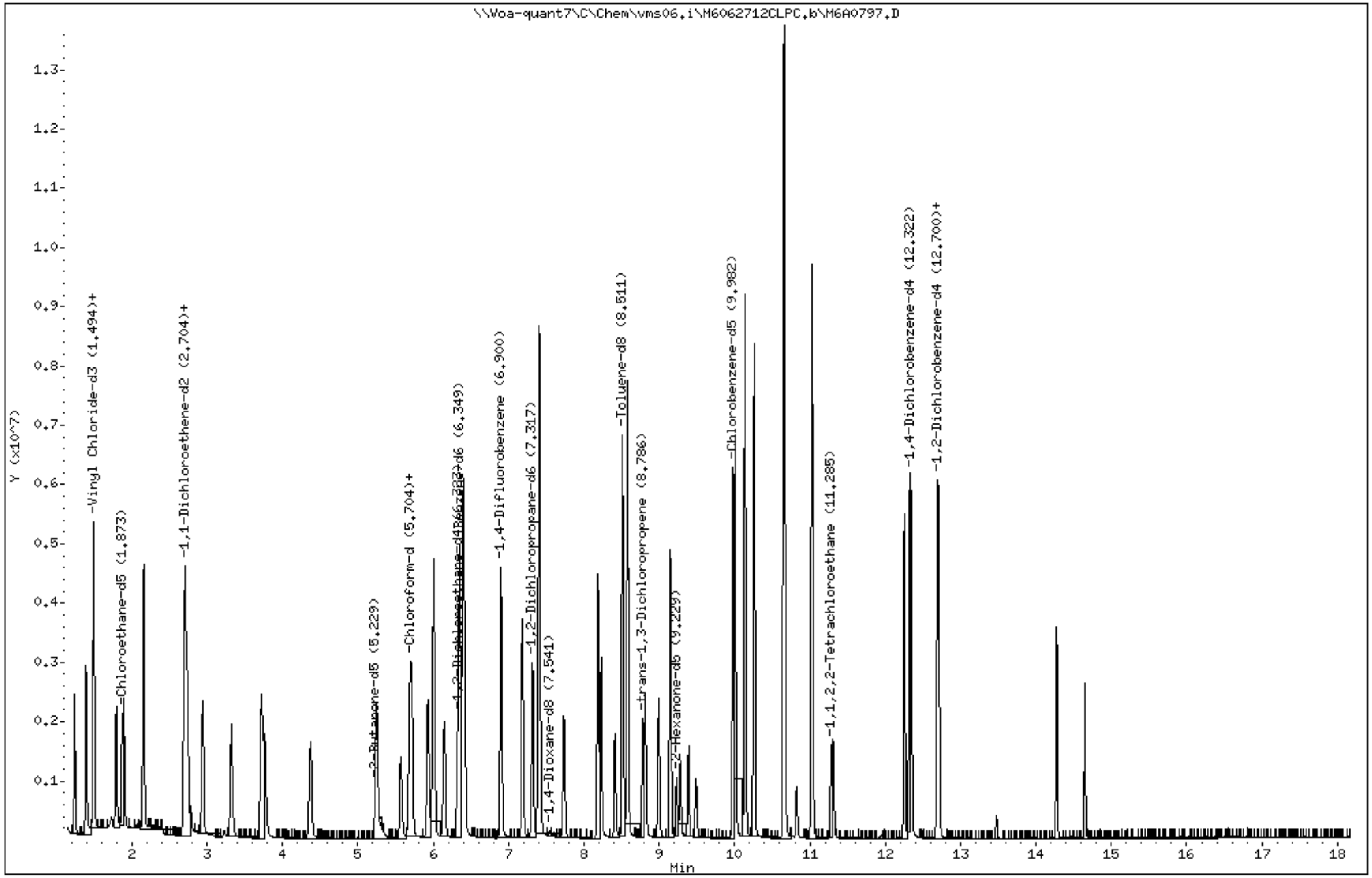
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.689 | 5.688 | (0.824) | 1887552 | 50.0000 | 49.3266 |
| 19 Chloroform | 83 | 5.714 | 5.712 | (0.828) | 1890279 | 50.0000 | 49.2613 |
| 20 1,1,1-Trichloroethane | 97 | 5.929 | 5.929 | (0.594) | 1524230 | 50.0000 | 47.8301 |
| 21 Cyclohexane | 56 | 6.005 | 6.005 | (0.602) | 2322682 | 50.0000 | 49.2635 |
| 22 Carbon Tetrachloride | 117 | 6.146 | 6.147 | (0.616) | 1227026 | 50.0000 | 48.2562 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.323 | 6.321 | (0.916) | 962313 | 50.0000 | 49.0902 |
| $ 84 Benzene-d6 | 84 | 6.350 | 6.349 | (0.636) | 4136267 | 50.0000 | 49.3726 |
| 25 Benzene | 78 | 6.397 | 6.396 | (0.641) | 4556192 | 50.0000 | 49.3767 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1304202 | 50.0000 | 49.3154 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 3276940 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.182 | 7.181 | (0.720) | 1111287 | 50.0000 | 47.7439 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 1146648 | 50.0000 | 48.4289 |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 2155773 | 50.0000 | 48.6211 |
| 29 1,2-Dichloropropane | 63 | 7.415 | 7.415 | (0.743) | 1106314 | 50.0000 | 48.2334 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.542 | 7.538 | (1.093) | 56080 | 1000.00 | 872.329(Q) |
| 93 1,4-Dioxane | 88 | 7.597 | 7.595 | (1.101) | 71043 | 1000.00 | 802.799 |
| 30 Bromodichloromethane | 83 | 7.735 | 7.734 | (0.775) | 1191264 | 50.0000 | 49.1910 |
| 31 cis-1,3-Dichloropropene | 75 | 8.227 | 8.227 | (0.824) | 1447131 | 50.0000 | 50.0324 |
| 32 4-Methyl-2-Pentanone | 43 | 8.412 | 8.412 | (0.843) | 1110736 | 100.000 | 96.4828 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3988672 | 50.0000 | 50.7416 |
| 34 Toluene | 91 | 8.580 | 8.579 | (0.860) | 5006046 | 50.0000 | 52.1626 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.785 | (0.880) | 877078 | 50.0000 | 49.4378(Q) |
| 35 trans-1,3-Dichloropropene | 75 | 8.814 | 8.814 | (0.883) | 1104143 | 50.0000 | 50.6354 |
| 36 1,1,2-Trichloroethane | 97 | 8.993 | 8.992 | (0.901) | 586993 | 50.0000 | 45.1847 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 936239 | 50.0000 | 47.9298 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 287820 | 100.000 | 96.4571 |
| 38 2-Hexanone | 43 | 9.276 | 9.277 | (0.929) | 834519 | 100.000 | 100.143 |
| 39 Dibromochloromethane | 129 | 9.388 | 9.388 | (0.941) | 674979 | 50.0000 | 48.8114 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 585821 | 50.0000 | 48.1364 |
| * 42 Chlorobenzene-d5 | 117 | 9.982 | 9.982 | (1.000) | 2820750 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.009 | 10.010 | (1.003) | 2897872 | 50.0000 | 49.1523 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 5563359 | 50.0000 | 53.1973 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 2123673 | 50.0000 | 49.2857 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 2011362 | 50.0000 | 48.3286 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 3266415 | 50.0000 | 50.4307 |
| 48 Bromoform | 173 | 10.823 | 10.824 | (0.878) | 326210 | 50.0000 | 48.5187 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.029 | (1.105) | 5318365 | 50.0000 | 53.8394 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 648906 | 50.0000 | 46.3168 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 680191 | 50.0000 | 47.6042 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.254 | (0.995) | 1875355 | 50.0000 | 49.7638 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.320 | 12.319 | (1.000) | 1233687 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 1920788 | 50.0000 | 47.9970 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.690 | (1.030) | 1022993 | 50.0000 | 48.4475 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.708 | (1.031) | 1658046 | 50.0000 | 49.0862 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.472 | 13.473 | (1.094) | 80275 | 50.0000 | 48.7337 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.275 | 14.274 | (1.159) | 775616 | 50.0000 | 47.1244 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.649 | 14.646 | (1.189) | 522465 | 50.0000 | 45.1631 |

## QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0797.D
Date : 27-JUN-2012 07:13
Client ID: VSTD0506M
Sample Info: VSTD0506M
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0798.D
Lab Smp Id: VSTD1006M  Client Smp ID: VSTD1006M
Inj Date  : 27-JUN-2012 07:38
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD1006M
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:22  Cal File: M6A0795.D
Als bottle: 5  Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.240 | 1.241 | (0.180) | 2695184 | 100.000 | 97.4889 |
| 2 Chloromethane | 50 | 1.394 | 1.397 | (0.202) | 4216329 | 100.000 | 94.1812 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.488 | 1.488 | (0.216) | 3504600 | 100.000 | 99.1188 |
| 3 Vinyl Chloride | 62 | 1.494 | 1.494 | (0.217) | 4615736 | 100.000 | 99.3443 |
| 4 Bromomethane | 94 | 1.789 | 1.791 | (0.259) | 2646388 | 100.000 | 109.080 |
| $ 80 Chloroethane-d5 | 69 | 1.868 | 1.868 | (0.271) | 3205936 | 100.000 | 97.6894 |
| 5 Chloroethane | 64 | 1.894 | 1.894 | (0.275) | 2998473 | 100.000 | 98.3882 |
| 6 Trichlorofluoromethane | 101 | 2.154 | 2.149 | (0.312) | 6621635 | 100.000 | 96.5896 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.695 | 2.694 | (0.391) | 4885013 | 100.000 | 98.6185 |
| 7 1,1-Dichloroethene | 96 | 2.708 | 2.707 | (0.392) | 2280766 | 100.000 | 101.742 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.735 | 2.735 | (0.396) | 2502019 | 100.000 | 99.1890 |
| 9 Acetone | 43 | 2.786 | 2.790 | (0.404) | 1060507 | 200.000 | 206.626 |
| 10 Carbon Disulfide | 76 | 2.939 | 2.941 | (0.426) | 6529747 | 100.000 | 96.9606 |
| 11 Methyl Acetate | 43 | 3.225 | 3.230 | (0.467) | 415337 | 100.000 | 86.1943 |
| 12 Methylene Chloride | 84 | 3.322 | 3.323 | (0.481) | 1985925 | 100.000 | 94.5496 |
| 13 trans-1,2-Dichloroethene | 96 | 3.721 | 3.718 | (0.539) | 2223019 | 100.000 | 99.0365 |
| 14 Methyl tert-Butyl ether | 73 | 3.763 | 3.760 | (0.545) | 3771256 | 100.000 | 103.224 |
| 15 1,1-Dichloroethane | 63 | 4.371 | 4.371 | (0.633) | 4236016 | 100.000 | 98.7158 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.225 | (0.757) | 493311 | 200.000 | 191.188 |
| 17 cis-1,2-Dichloroethene | 96 | 5.247 | 5.246 | (0.760) | 2187302 | 100.000 | 100.549 |
| 16 2-Butanone | 43 | 5.303 | 5.305 | (0.769) | 1302590 | 200.000 | 210.668 |
| 18 Bromochloromethane | 128 | 5.570 | 5.569 | (0.807) | 818536 | 100.000 | 100.911 |

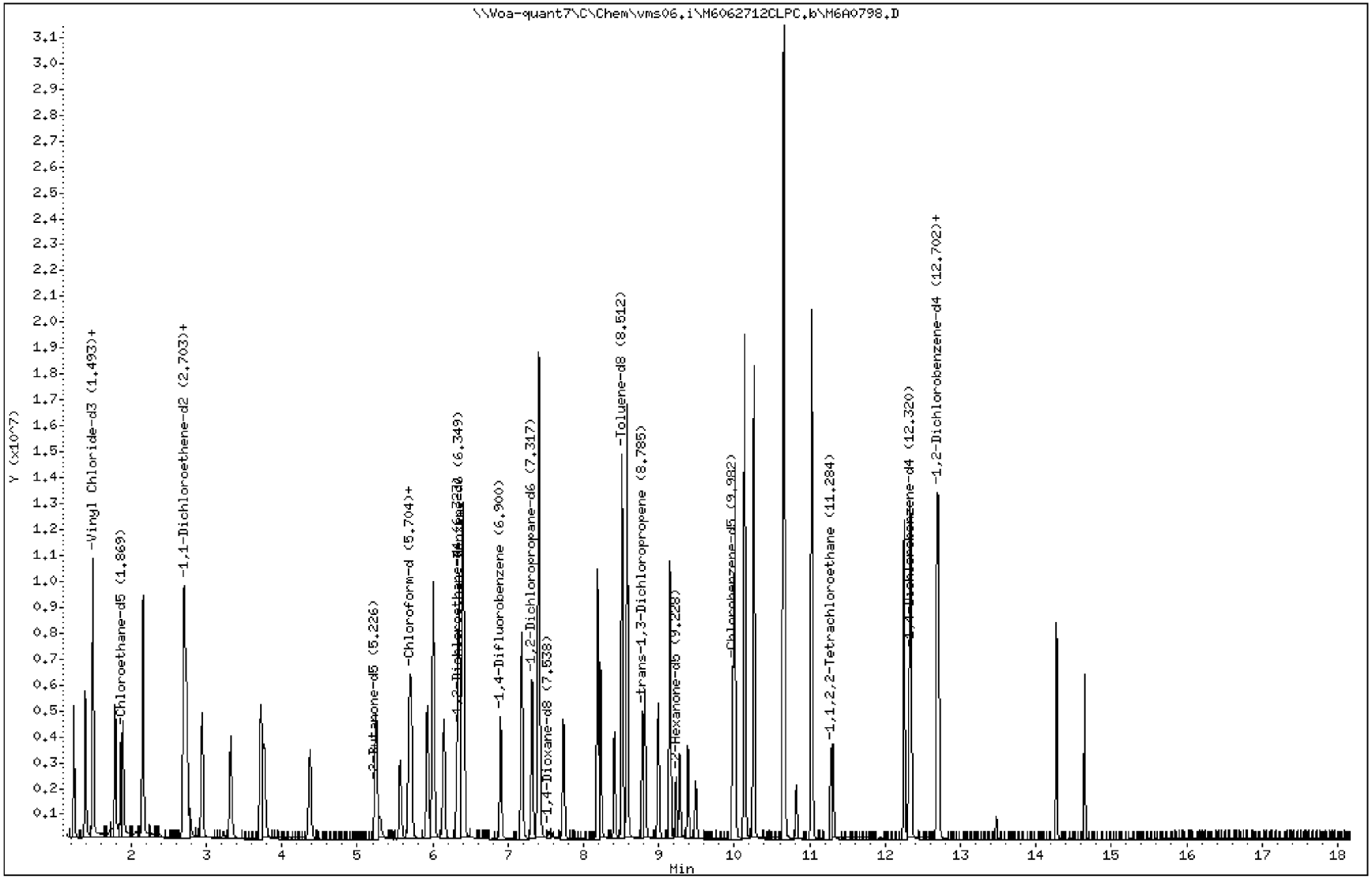
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.689 | 5.688 | (0.824) | 3943613 | 100.000 | 97.9829 |
| 19 Chloroform | 83 | 5.714 | 5.712 | (0.828) | 3971990 | 100.000 | 98.4152 |
| 20 1,1,1-Trichloroethane | 97 | 5.930 | 5.929 | (0.594) | 3434731 | 100.000 | 103.385 |
| 21 Cyclohexane | 56 | 6.006 | 6.005 | (0.602) | 4897805 | 100.000 | 99.6436 |
| 22 Carbon Tetrachloride | 117 | 6.148 | 6.147 | (0.616) | 2862066 | 100.000 | 107.967 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.323 | 6.321 | (0.916) | 1995141 | 100.000 | 96.7667 |
| $ 84 Benzene-d6 | 84 | 6.350 | 6.349 | (0.636) | 8587952 | 100.000 | 98.3285 |
| 25 Benzene | 78 | 6.398 | 6.396 | (0.641) | 9517642 | 100.000 | 98.9377 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 2796372 | 100.000 | 100.532 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 3446629 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.182 | 7.181 | (0.720) | 2389118 | 100.000 | 98.4559 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.317 | 7.316 | (0.733) | 2416980 | 100.000 | 97.9175 |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 4677954 | 100.000 | 101.202 |
| 29 1,2-Dichloropropane | 63 | 7.415 | 7.415 | (0.743) | 2453552 | 100.000 | 102.607 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.539 | 7.538 | (1.093) | 126994 | 2000.00 | 1878.15(Q) |
| 93 1,4-Dioxane | 88 | 7.594 | 7.595 | (1.101) | 171142 | 2000.00 | 1838.72 |
| 30 Bromodichloromethane | 83 | 7.735 | 7.734 | (0.775) | 2597934 | 100.000 | 102.900 |
| 31 cis-1,3-Dichloropropene | 75 | 8.227 | 8.227 | (0.824) | 3246965 | 100.000 | 107.680 |
| 32 4-Methyl-2-Pentanone | 43 | 8.412 | 8.412 | (0.843) | 2570589 | 200.000 | 214.182 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 8463567 | 100.000 | 103.276 |
| 34 Toluene | 91 | 8.580 | 8.579 | (0.860) | 10515091 | 100.000 | 105.097 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.785 | (0.880) | 2138046 | 100.000 | 115.598 |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.814 | (0.883) | 2641626 | 100.000 | 116.202 |
| 36 1,1,2-Trichloroethane | 97 | 8.992 | 8.992 | (0.901) | 1373663 | 100.000 | 101.426 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 2023590 | 100.000 | 99.3696 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 707200 | 200.000 | 227.336(A) |
| 38 2-Hexanone | 43 | 9.276 | 9.277 | (0.929) | 1774729 | 200.000 | 204.281 |
| 39 Dibromochloromethane | 129 | 9.387 | 9.388 | (0.941) | 1585585 | 100.000 | 109.985 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 1305004 | 100.000 | 102.857 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.982 | (1.000) | 2940711 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.009 | 10.010 | (1.003) | 6186456 | 100.000 | 100.651 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 11604659 | 100.000 | 106.438 |
| 45 m,p-Xylene | 106 | 10.259 | 10.258 | (1.028) | 4671420 | 100.000 | 103.991 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 4575437 | 100.000 | 105.453 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 7396946 | 100.000 | 109.544 |
| 48 Bromoform | 173 | 10.824 | 10.824 | (0.879) | 820847 | 100.000 | 110.283 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.029 | (1.105) | 11309501 | 100.000 | 109.819 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 1515577 | 100.000 | 103.764 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 1493844 | 100.000 | 100.284 |
| 52 1,3-Dichlorobenzene | 146 | 12.254 | 12.254 | (0.995) | 4164899 | 100.000 | 99.8322 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.320 | 12.319 | (1.000) | 1365743 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 4266005 | 100.000 | 96.2924 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.690 | (1.030) | 2339270 | 100.000 | 100.072 |
| 54 1,2-Dichlorobenzene | 146 | 12.709 | 12.708 | (1.032) | 3730059 | 100.000 | 99.7504 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.473 | (1.094) | 190421 | 100.000 | 104.424 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.275 | 14.274 | (1.159) | 1801245 | 100.000 | 98.8570 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.647 | 14.646 | (1.189) | 1266808 | 100.000 | 98.9175 |

## QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0798.D
Date : 27-JUN-2012 07:38
Client ID: VSTD1006M
Sample Info: VSTD1006M
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0799.D
Lab Smp Id: VSTD2056M  Client Smp ID: VSTD2056M
Inj Date  : 27-JUN-2012 08:03
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD2056M
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 6  Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.240 | 1.241 | (0.180) | 5651937 | 200.000 | 201.310(A) |
| 2 Chloromethane | 50 | 1.395 | 1.397 | (0.202) | 8610914 | 200.000 | 189.400 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.488 | (0.216) | 7247520 | 200.000 | 201.841(A) |
| 3 Vinyl Chloride | 62 | 1.495 | 1.494 | (0.217) | 9354357 | 200.000 | 198.252 |
| 4 Bromomethane | 94 | 1.782 | 1.791 | (0.258) | 6145059 | 200.000 | 249.413(A) |
| $ 80 Chloroethane-d5 | 69 | 1.863 | 1.868 | (0.270) | 6756496 | 200.000 | 202.729(A) |
| 5 Chloroethane | 64 | 1.889 | 1.894 | (0.274) | 6278275 | 200.000 | 202.855(A) |
| 6 Trichlorofluoromethane | 101 | 2.153 | 2.149 | (0.312) | 13441754 | 200.000 | 193.074 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.697 | 2.694 | (0.391) | 10811159 | 200.000 | 214.915(A) |
| 7 1,1-Dichloroethene | 96 | 2.709 | 2.707 | (0.393) | 5129017 | 200.000 | 225.296(A) |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.737 | 2.735 | (0.397) | 5476995 | 200.000 | 213.805(A) |
| 9 Acetone | 43 | 2.784 | 2.790 | (0.403) | 2417712 | 400.000 | 463.851(A) |
| 10 Carbon Disulfide | 76 | 2.945 | 2.941 | (0.427) | 13951247 | 200.000 | 203.992(A) |
| 11 Methyl Acetate | 43 | 3.220 | 3.230 | (0.467) | 1183029 | 200.000 | 241.755(A) |
| 12 Methylene Chloride | 84 | 3.322 | 3.323 | (0.481) | 4178275 | 200.000 | 195.882 |
| 13 trans-1,2-Dichloroethene | 96 | 3.722 | 3.718 | (0.539) | 4894590 | 200.000 | 214.719(A) |
| 14 Methyl tert-Butyl ether | 73 | 3.762 | 3.760 | (0.545) | 8532463 | 200.000 | 229.969(A) |
| 15 1,1-Dichloroethane | 63 | 4.372 | 4.371 | (0.634) | 8940804 | 200.000 | 205.167(A) |
| $ 82 2-Butanone-d5 | 46 | 5.224 | 5.225 | (0.757) | 1106124 | 400.000 | 422.129(A) |
| 17 cis-1,2-Dichloroethene | 96 | 5.249 | 5.246 | (0.761) | 4705667 | 200.000 | 213.006(A) |
| 16 2-Butanone | 43 | 5.299 | 5.305 | (0.768) | 3025090 | 400.000 | 481.760(A) |
| 18 Bromochloromethane | 128 | 5.571 | 5.569 | (0.807) | 1795083 | 200.000 | 217.916(A) |

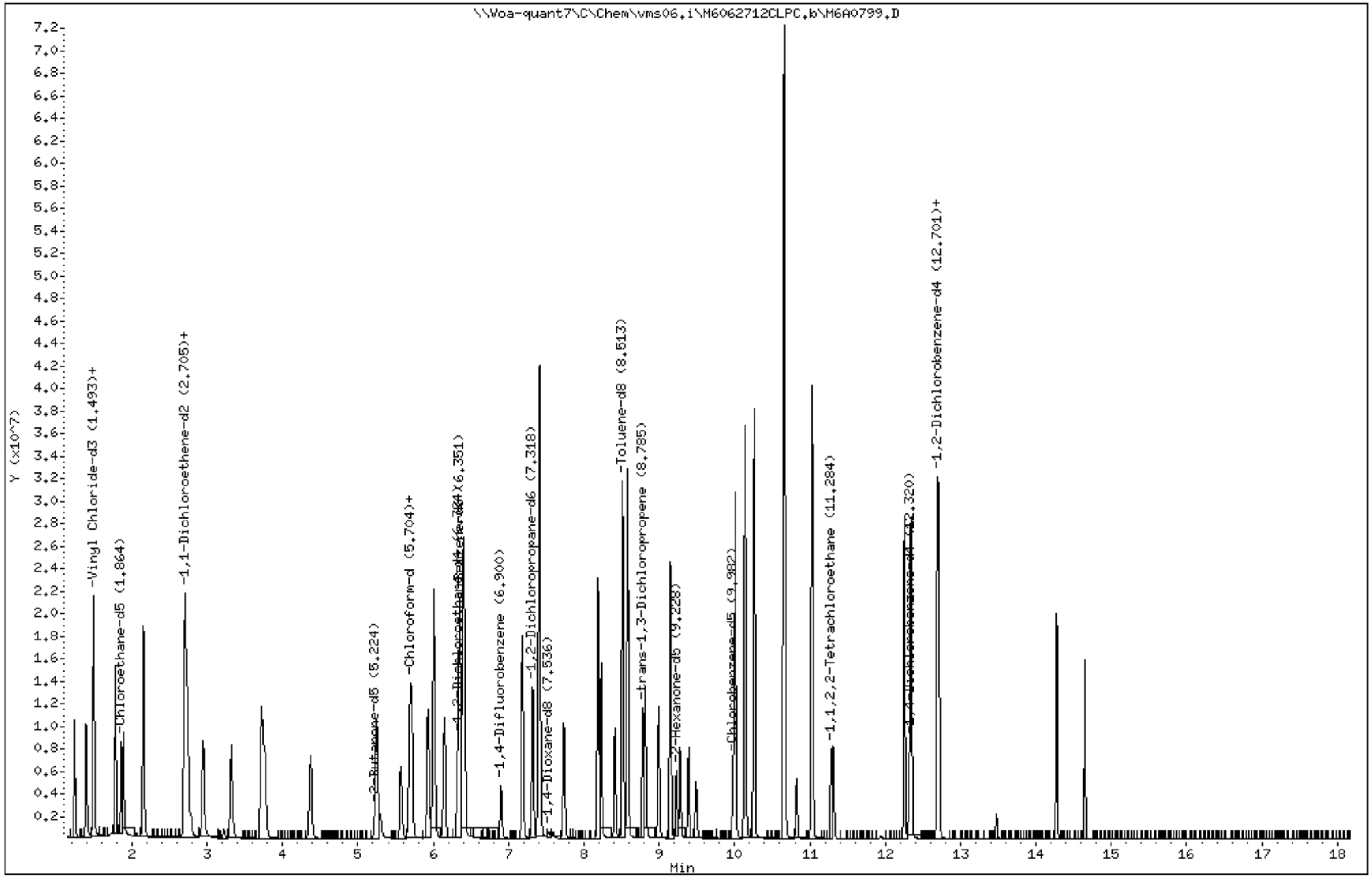
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.689 | 5.688 | (0.824) | 8606764 | 200.000 | 210.571(A) |
| 19 Chloroform | 83 | 5.714 | 5.712 | (0.828) | 8504178 | 200.000 | 207.486(A) |
| 20 1,1,1-Trichloroethane | 97 | 5.931 | 5.929 | (0.594) | 7722999 | 200.000 | 222.043(A) |
| 21 Cyclohexane | 56 | 6.008 | 6.005 | (0.602) | 10550385 | 200.000 | 205.024(A) |
| 22 Carbon Tetrachloride | 117 | 6.148 | 6.147 | (0.616) | 6753239 | 200.000 | 243.339(A) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.324 | 6.321 | (0.916) | 4339267 | 200.000 | 207.238(A) |
| $ 84 Benzene-d6 | 84 | 6.351 | 6.349 | (0.636) | 17783303 | 200.000 | 194.487 |
| 25 Benzene | 78 | 6.398 | 6.396 | (0.641) | 18867034 | 200.000 | 187.337 |
| 24 1,2-Dichloroethane | 62 | 6.416 | 6.415 | (0.930) | 5976733 | 200.000 | 211.581(A) |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 3500199 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.182 | 7.181 | (0.720) | 5235650 | 200.000 | 206.093(A) |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.317 | 7.316 | (0.733) | 5220410 | 200.000 | 202.013(A) |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 10566421 | 200.000 | 218.348(A) |
| 29 1,2-Dichloropropane | 63 | 7.415 | 7.415 | (0.743) | 5462710 | 200.000 | 218.212(A) |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.538 | (1.092) | 309216 | 4000.00 | 4503.08(A) |
| 93 1,4-Dioxane | 88 | 7.592 | 7.595 | (1.100) | 344260 | 4000.00 | 3642.07 |
| 30 Bromodichloromethane | 83 | 7.735 | 7.734 | (0.775) | 5638709 | 200.000 | 213.333(A) |
| 31 cis-1,3-Dichloropropene | 75 | 8.227 | 8.227 | (0.824) | 7077771 | 200.000 | 224.202(A) |
| 32 4-Methyl-2-Pentanone | 43 | 8.412 | 8.412 | (0.843) | 5860708 | 400.000 | 466.433(A) |
| $ 33 Toluene-d8 | 98 | 8.514 | 8.511 | (0.853) | 16360711 | 200.000 | 190.695 |
| 34 Toluene | 91 | 8.581 | 8.579 | (0.860) | 17695385 | 200.000 | 168.937 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.785 | (0.880) | 5004929 | 200.000 | 258.475(A) |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.814 | (0.883) | 6024111 | 200.000 | 253.118(A) |
| 36 1,1,2-Trichloroethane | 97 | 8.992 | 8.992 | (0.901) | 3071529 | 200.000 | 216.627(A) |
| 37 Tetrachloroethene | 164 | 9.151 | 9.150 | (0.917) | 4725077 | 200.000 | 221.630(A) |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.924) | 1739036 | 400.000 | 533.976(A) |
| 38 2-Hexanone | 43 | 9.276 | 9.277 | (0.929) | 4634732 | 400.000 | 509.576(A) |
| 39 Dibromochloromethane | 129 | 9.388 | 9.388 | (0.941) | 3595562 | 200.000 | 238.231(A) |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 2861397 | 200.000 | 215.420(A) |
| * 42 Chlorobenzene-d5 | 117 | 9.982 | 9.982 | (1.000) | 3078678 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.010 | 10.010 | (1.003) | 12961022 | 200.000 | 201.421(A) |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 17872465 | 200.000 | 156.580 |
| 45 m,p-Xylene | 106 | 10.259 | 10.258 | (1.028) | 10247390 | 200.000 | 217.895(AQ) |
| 46 o-Xylene | 106 | 10.653 | 10.652 | (1.067) | 10620151 | 200.000 | 233.800(AQ) |
| 47 Styrene | 104 | 10.663 | 10.662 | (1.068) | 14713469 | 200.000 | 208.132(A) |
| 48 Bromoform | 173 | 10.824 | 10.824 | (0.879) | 1972691 | 200.000 | 246.334(A) |
| 49 Isopropylbenzene | 105 | 11.025 | 11.029 | (1.105) | 17270122 | 200.000 | 160.183 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 3424337 | 200.000 | 223.941(A) |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 3417666 | 200.000 | 219.152(A) |
| 52 1,3-Dichlorobenzene | 146 | 12.254 | 12.254 | (0.995) | 9329780 | 200.000 | 207.853(A) |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.320 | 12.319 | (1.000) | 1469437 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.343 | 12.342 | (1.002) | 9506737 | 200.000 | 199.444 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.691 | 12.690 | (1.030) | 5484613 | 200.000 | 218.071(A) |
| 54 1,2-Dichlorobenzene | 146 | 12.709 | 12.708 | (1.032) | 8538100 | 200.000 | 212.216(A) |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.473 | (1.094) | 482507 | 200.000 | 245.927(A) |
| 56 1,2,4-Trichlorobenzene | 180 | 14.275 | 14.274 | (1.159) | 4364046 | 200.000 | 222.609(A) |
| 77 1,2,3-Trichlorobenzene | 180 | 14.649 | 14.646 | (1.189) | 3078914 | 200.000 | 223.449(A) |

## QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0799.D
Date : 27-JUN-2012 08:03
Client ID: VSTD2056M
Sample Info: VSTD2056M
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/27/2012 Time: 17:28

Lab File ID: M6A0818.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506N Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.378 | 0.010 | -5.7 | 40.0 |
| Chloromethane | 0.649 | 0.614 | 0.010 | -5.4 | 40.0 |
| Vinyl chloride | 0.674 | 0.668 | 0.100 | -0.9 | 25.0 |
| Bromomethane | 0.352 | 0.358 | 0.100 | 1.7 | 25.0 |
| Chloroethane | 0.442 | 0.416 | 0.010 | -5.9 | 40.0 |
| Trichlorofluoromethane | 0.995 | 0.781 | 0.010 | -21.4 | 40.0 |
| 1,1-Dichloroethene | 0.325 | 0.303 | 0.100 | -7.0 | 25.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.341 | 0.010 | -6.8 | 40.0 |
| Acetone | 0.074 | 0.044 | 0.010 | -40.5 | 40.0 |
| Carbon disulfide | 0.977 | 0.891 | 0.010 | -8.8 | 40.0 |
| Methyl Acetate | 0.070 | 0.047 | 0.010 | -32.7 | 40.0 |
| Methylene chloride | 0.305 | 0.259 | 0.010 | -14.9 | 40.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.291 | 0.010 | -10.7 | 40.0 |
| Methyl tert-butyl ether | 0.530 | 0.452 | 0.010 | -14.8 | 40.0 |
| 1,1-Dichloroethane | 0.623 | 0.548 | 0.200 | -11.9 | 25.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.281 | 0.010 | -11.1 | 40.0 |
| 2-Butanone | 0.090 | 0.066 | 0.010 | -26.1 | 40.0 |
| Bromochloromethane | 0.118 | 0.103 | 0.050 | -12.4 | 25.0 |
| Chloroform | 0.585 | 0.525 | 0.200 | -10.3 | 25.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.533 | 0.100 | -5.6 | 25.0 |
| Cyclohexane | 0.836 | 0.780 | 0.010 | -6.7 | 40.0 |
| Carbon tetrachloride | 0.451 | 0.458 | 0.100 | 1.5 | 25.0 |
| Benzene | 1.636 | 1.512 | 0.400 | -7.5 | 25.0 |
| 1,2-Dichloroethane | 0.404 | 0.355 | 0.100 | -11.9 | 25.0 |
| 1,4-Dioxane | 0.001 | 0.002 | 0.005 | 16.5 | 50.0 |
| Trichloroethene | 0.413 | 0.373 | 0.300 | -9.6 | 25.0 |
| Methylcyclohexane | 0.786 | 0.731 | 0.010 | -7.0 | 40.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/27/2012 Time: 17:28

Lab File ID: M6A0818.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506N Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.380 | 0.010 | -6.6 | 40.0 |
| Bromodichloromethane | 0.429 | 0.393 | 0.200 | -8.4 | 25.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.479 | 0.200 | -6.6 | 25.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.169 | 0.010 | -17.1 | 40.0 |
| Toluene | 1.701 | 1.672 | 0.400 | -1.7 | 25.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.367 | 0.100 | -5.0 | 25.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.203 | 0.100 | -12.0 | 25.0 |
| Tetrachloroethene | 0.346 | 0.319 | 0.100 | -7.9 | 25.0 |
| 2-Hexanone | 0.148 | 0.113 | 0.010 | -23.4 | 40.0 |
| Dibromochloromethane | 0.245 | 0.222 | 0.100 | -9.5 | 25.0 |
| 1,2-Dibromoethane | 0.216 | 0.186 | 0.010 | -13.9 | 40.0 |
| Chlorobenzene | 1.045 | 0.964 | 0.500 | -7.7 | 25.0 |
| Ethylbenzene | 1.854 | 1.876 | 0.100 | 1.2 | 25.0 |
| o-Xylene | 0.738 | 0.680 | 0.300 | -7.9 | 25.0 |
| m,p-Xylene | 0.764 | 0.708 | 0.300 | -7.4 | 25.0 |
| Styrene | 1.148 | 1.091 | 0.300 | -4.9 | 25.0 |
| Bromoform | 0.272 | 0.239 | 0.050 | -12.2 | 25.0 |
| Isopropylbenzene | 1.751 | 1.823 | 0.010 | 4.1 | 40.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.214 | 0.300 | -15.6 | 25.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.391 | 0.600 | -8.9 | 25.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.454 | 0.500 | -10.3 | 25.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.216 | 0.400 | -11.2 | 25.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.059 | 0.010 | -11.4 | 40.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.596 | 0.200 | -10.6 | 25.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.427 | 0.200 | -8.9 | 25.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/27/2012 Time: 17:28

Lab File ID: M6A0818.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506N Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.550 | 0.010 | 7.2 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.483 | 0.010 | 1.5 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.696 | 0.010 | -3.1 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.033 | 0.010 | -11.4 | 40.0 |
| Chloroform-d | 0.584 | 0.585 | 0.010 | 0.3 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.284 | 0.010 | -5.0 | 25.0 |
| Benzene-d6 | 1.485 | 1.510 | 0.010 | 1.7 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.409 | 0.010 | -2.5 | 40.0 |
| Toluene-d8 | 1.393 | 1.475 | 0.010 | 5.9 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.334 | 0.010 | 6.2 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.048 | 0.010 | -9.0 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.005 | 37.6 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.229 | 0.010 | -7.8 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.823 | 0.010 | -3.8 | 25.0 |

SOM01.2 (6/2007)

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 12:02

Lab File ID: M6A0843.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506P Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.389 | 0.010 | -3.1 | 40.0 |
| Chloromethane | 0.649 | 0.622 | 0.010 | -4.3 | 40.0 |
| Vinyl chloride | 0.674 | 0.678 | 0.100 | 0.7 | 25.0 |
| Bromomethane | 0.352 | 0.354 | 0.100 | 0.7 | 25.0 |
| Chloroethane | 0.442 | 0.432 | 0.010 | -2.3 | 40.0 |
| Trichlorofluoromethane | 0.995 | 0.999 | 0.010 | 0.5 | 40.0 |
| 1,1-Dichloroethene | 0.325 | 0.329 | 0.100 | 1.2 | 25.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.361 | 0.010 | -1.4 | 40.0 |
| Acetone | 0.074 | 0.080 | 0.010 | 7.6 | 40.0 |
| Carbon disulfide | 0.977 | 0.954 | 0.010 | -2.4 | 40.0 |
| Methyl Acetate | 0.070 | 0.060 | 0.010 | -14.1 | 40.0 |
| Methylene chloride | 0.305 | 0.286 | 0.010 | -6.0 | 40.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.317 | 0.010 | -2.7 | 40.0 |
| Methyl tert-butyl ether | 0.530 | 0.515 | 0.010 | -2.9 | 40.0 |
| 1,1-Dichloroethane | 0.623 | 0.594 | 0.200 | -4.6 | 25.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.302 | 0.010 | -4.4 | 40.0 |
| 2-Butanone | 0.090 | 0.091 | 0.010 | 1.6 | 40.0 |
| Bromochloromethane | 0.118 | 0.114 | 0.050 | -3.4 | 25.0 |
| Chloroform | 0.585 | 0.571 | 0.200 | -2.5 | 25.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.551 | 0.100 | -2.4 | 25.0 |
| Cyclohexane | 0.836 | 0.807 | 0.010 | -3.4 | 40.0 |
| Carbon tetrachloride | 0.451 | 0.467 | 0.100 | 3.7 | 25.0 |
| Benzene | 1.636 | 1.591 | 0.400 | -2.7 | 25.0 |
| 1,2-Dichloroethane | 0.404 | 0.394 | 0.100 | -2.4 | 25.0 |
| 1,4-Dioxane | 0.001 | 0.001 | 0.005 | -24.2 | 50.0 |
| Trichloroethene | 0.413 | 0.388 | 0.300 | -5.9 | 25.0 |
| Methylcyclohexane | 0.786 | 0.762 | 0.010 | -3.1 | 40.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 12:02

Lab File ID: M6A0843.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506P Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.391 | 0.010 | -3.8 | 40.0 |
| Bromodichloromethane | 0.429 | 0.423 | 0.200 | -1.5 | 25.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.509 | 0.200 | -0.7 | 25.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.210 | 0.010 | 2.7 | 40.0 |
| Toluene | 1.701 | 1.774 | 0.400 | 4.3 | 25.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.400 | 0.100 | 3.5 | 25.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.211 | 0.100 | -8.5 | 25.0 |
| Tetrachloroethene | 0.346 | 0.333 | 0.100 | -3.9 | 25.0 |
| 2-Hexanone | 0.148 | 0.146 | 0.010 | -0.9 | 40.0 |
| Dibromochloromethane | 0.245 | 0.244 | 0.100 | -0.4 | 25.0 |
| 1,2-Dibromoethane | 0.216 | 0.210 | 0.010 | -2.7 | 40.0 |
| Chlorobenzene | 1.045 | 1.017 | 0.500 | -2.7 | 25.0 |
| Ethylbenzene | 1.854 | 1.985 | 0.100 | 7.1 | 25.0 |
| o-Xylene | 0.738 | 0.721 | 0.300 | -2.3 | 25.0 |
| m,p-Xylene | 0.764 | 0.745 | 0.300 | -2.5 | 25.0 |
| Styrene | 1.148 | 1.172 | 0.300 | 2.1 | 25.0 |
| Bromoform | 0.272 | 0.279 | 0.050 | 2.2 | 25.0 |
| Isopropylbenzene | 1.751 | 1.919 | 0.010 | 9.6 | 40.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.254 | 0.300 | 0.3 | 25.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.463 | 0.600 | -4.2 | 25.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.536 | 0.500 | -5.3 | 25.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.303 | 0.400 | -4.8 | 25.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.070 | 0.010 | 4.6 | 40.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.582 | 0.200 | -12.7 | 25.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.400 | 0.200 | -14.7 | 25.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 12:02

Lab File ID: M6A0843.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506P Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.499 | 0.010 | -2.7 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.447 | 0.010 | -6.2 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.688 | 0.010 | -4.3 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.052 | 0.010 | 38.4 | 40.0 |
| Chloroform-d | 0.584 | 0.553 | 0.010 | -5.3 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.284 | 0.010 | -5.0 | 25.0 |
| Benzene-d6 | 1.485 | 1.386 | 0.010 | -6.6 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.393 | 0.010 | -6.4 | 40.0 |
| Toluene-d8 | 1.393 | 1.370 | 0.010 | -1.7 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.311 | 0.010 | -1.0 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.066 | 0.010 | 24.3 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.005 | -15.5 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.248 | 0.010 | -0.2 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.788 | 0.010 | -8.0 | 25.0 |

SOM01.2 (6/2007)

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 21:50

Lab File ID: M6A0867.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506Q Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.402 | 0.010 | 0.2 | 50.0 |
| Chloromethane | 0.649 | 0.620 | 0.010 | -4.5 | 50.0 |
| Vinyl chloride | 0.674 | 0.689 | 0.010 | 2.1 | 50.0 |
| Bromomethane | 0.352 | 0.366 | 0.010 | 3.9 | 50.0 |
| Chloroethane | 0.442 | 0.440 | 0.010 | -0.4 | 50.0 |
| Trichlorofluoromethane | 0.995 | 1.013 | 0.010 | 1.9 | 50.0 |
| 1,1-Dichloroethene | 0.325 | 0.333 | 0.010 | 2.3 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.369 | 0.010 | 0.7 | 50.0 |
| Acetone | 0.074 | 0.052 | 0.010 | -30.0 | 50.0 |
| Carbon disulfide | 0.977 | 0.981 | 0.010 | 0.4 | 50.0 |
| Methyl Acetate | 0.070 | 0.061 | 0.010 | -12.7 | 50.0 |
| Methylene chloride | 0.305 | 0.293 | 0.010 | -3.9 | 50.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.326 | 0.010 | 0.0 | 50.0 |
| Methyl tert-butyl ether | 0.530 | 0.487 | 0.010 | -8.1 | 50.0 |
| 1,1-Dichloroethane | 0.623 | 0.600 | 0.010 | -3.5 | 50.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.313 | 0.010 | -0.7 | 50.0 |
| 2-Butanone | 0.090 | 0.075 | 0.010 | -16.5 | 50.0 |
| Bromochloromethane | 0.118 | 0.116 | 0.010 | -1.0 | 50.0 |
| Chloroform | 0.585 | 0.590 | 0.010 | 0.8 | 50.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.590 | 0.010 | 4.5 | 50.0 |
| Cyclohexane | 0.836 | 0.867 | 0.010 | 3.8 | 50.0 |
| Carbon tetrachloride | 0.451 | 0.518 | 0.010 | 14.9 | 50.0 |
| Benzene | 1.636 | 1.686 | 0.010 | 3.0 | 50.0 |
| 1,2-Dichloroethane | 0.404 | 0.406 | 0.010 | 0.7 | 50.0 |
| 1,4-Dioxane | 0.001 | 0.002 | 0.010 | 13.0 | 50.0 |
| Trichloroethene | 0.413 | 0.414 | 0.010 | 0.4 | 50.0 |
| Methylcyclohexane | 0.786 | 0.802 | 0.010 | 2.1 | 50.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 21:50

Lab File ID: M6A0867.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506Q Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.416 | 0.010 | 2.4 | 50.0 |
| Bromodichloromethane | 0.429 | 0.446 | 0.010 | 3.9 | 50.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.525 | 0.010 | 2.4 | 50.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.194 | 0.010 | -4.7 | 50.0 |
| Toluene | 1.701 | 1.833 | 0.010 | 7.7 | 50.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.414 | 0.010 | 7.1 | 50.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.233 | 0.010 | 1.1 | 50.0 |
| Tetrachloroethene | 0.346 | 0.349 | 0.010 | 0.9 | 50.0 |
| 2-Hexanone | 0.148 | 0.125 | 0.010 | -15.1 | 50.0 |
| Dibromochloromethane | 0.245 | 0.254 | 0.010 | 3.5 | 50.0 |
| 1,2-Dibromoethane | 0.216 | 0.214 | 0.010 | -0.7 | 50.0 |
| Chlorobenzene | 1.045 | 1.055 | 0.010 | 1.0 | 50.0 |
| Ethylbenzene | 1.854 | 2.030 | 0.010 | 9.5 | 50.0 |
| o-Xylene | 0.738 | 0.736 | 0.010 | -0.2 | 50.0 |
| m,p-Xylene | 0.764 | 0.765 | 0.010 | 0.2 | 50.0 |
| Styrene | 1.148 | 1.207 | 0.010 | 5.1 | 50.0 |
| Bromoform | 0.272 | 0.273 | 0.010 | 0.1 | 50.0 |
| Isopropylbenzene | 1.751 | 1.947 | 0.010 | 11.2 | 50.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.245 | 0.010 | -3.3 | 50.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.519 | 0.010 | -0.5 | 50.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.601 | 0.010 | -1.3 | 50.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.373 | 0.010 | 0.3 | 50.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.068 | 0.010 | 1.7 | 50.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.614 | 0.010 | -7.9 | 50.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.432 | 0.010 | -7.8 | 50.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/28/2012 Time: 21:50

Lab File ID: M6A0867.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506Q Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.516 | 0.010 | 0.6 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.464 | 0.010 | -2.6 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.712 | 0.010 | -1.0 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.030 | 0.010 | -19.0 | 40.0 |
| Chloroform-d | 0.584 | 0.579 | 0.010 | -0.8 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.294 | 0.010 | -1.6 | 25.0 |
| Benzene-d6 | 1.485 | 1.514 | 0.010 | 2.0 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.411 | 0.010 | -2.0 | 40.0 |
| Toluene-d8 | 1.393 | 1.459 | 0.010 | 4.7 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.337 | 0.010 | 7.3 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.046 | 0.010 | -12.2 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.010 | 17.2 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.242 | 0.010 | -2.4 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.842 | 0.010 | -1.6 | 25.0 |

SOM01.2 (6/2007)

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 5:51

Lab File ID: M6A0886.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506R Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.390 | 0.010 | -2.9 | 50.0 |
| Chloromethane | 0.649 | 0.630 | 0.010 | -3.0 | 50.0 |
| Vinyl chloride | 0.674 | 0.688 | 0.010 | 2.1 | 50.0 |
| Bromomethane | 0.352 | 0.368 | 0.010 | 4.5 | 50.0 |
| Chloroethane | 0.442 | 0.436 | 0.010 | -1.4 | 50.0 |
| Trichlorofluoromethane | 0.995 | 0.978 | 0.010 | -1.6 | 50.0 |
| 1,1-Dichloroethene | 0.325 | 0.330 | 0.010 | 1.6 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.364 | 0.010 | -0.4 | 50.0 |
| Acetone | 0.074 | 0.057 | 0.010 | -23.4 | 50.0 |
| Carbon disulfide | 0.977 | 0.951 | 0.010 | -2.6 | 50.0 |
| Methyl Acetate | 0.070 | 0.071 | 0.010 | 1.2 | 50.0 |
| Methylene chloride | 0.305 | 0.289 | 0.010 | -5.1 | 50.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.314 | 0.010 | -3.5 | 50.0 |
| Methyl tert-butyl ether | 0.530 | 0.535 | 0.010 | 1.0 | 50.0 |
| 1,1-Dichloroethane | 0.623 | 0.600 | 0.010 | -3.7 | 50.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.306 | 0.010 | -3.1 | 50.0 |
| 2-Butanone | 0.090 | 0.088 | 0.010 | -2.4 | 50.0 |
| Bromochloromethane | 0.118 | 0.118 | 0.010 | 0.7 | 50.0 |
| Chloroform | 0.585 | 0.586 | 0.010 | 0.1 | 50.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.569 | 0.010 | 0.8 | 50.0 |
| Cyclohexane | 0.836 | 0.832 | 0.010 | -0.4 | 50.0 |
| Carbon tetrachloride | 0.451 | 0.495 | 0.010 | 9.8 | 50.0 |
| Benzene | 1.636 | 1.663 | 0.010 | 1.7 | 50.0 |
| 1,2-Dichloroethane | 0.404 | 0.414 | 0.010 | 2.5 | 50.0 |
| 1,4-Dioxane | 0.001 | 0.002 | 0.010 | 23.9 | 50.0 |
| Trichloroethene | 0.413 | 0.441 | 0.010 | 6.9 | 50.0 |
| Methylcyclohexane | 0.786 | 0.765 | 0.010 | -2.7 | 50.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 5:51

Lab File ID: M6A0886.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506R Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.415 | 0.010 | 2.1 | 50.0 |
| Bromodichloromethane | 0.429 | 0.435 | 0.010 | 1.3 | 50.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.522 | 0.010 | 1.9 | 50.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.223 | 0.010 | 9.1 | 50.0 |
| Toluene | 1.701 | 1.808 | 0.010 | 6.3 | 50.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.425 | 0.010 | 10.0 | 50.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.242 | 0.010 | 4.9 | 50.0 |
| Tetrachloroethene | 0.346 | 0.342 | 0.010 | -1.2 | 50.0 |
| 2-Hexanone | 0.148 | 0.134 | 0.010 | -9.5 | 50.0 |
| Dibromochloromethane | 0.245 | 0.259 | 0.010 | 5.5 | 50.0 |
| 1,2-Dibromoethane | 0.216 | 0.221 | 0.010 | 2.3 | 50.0 |
| Chlorobenzene | 1.045 | 1.045 | 0.010 | 0.0 | 50.0 |
| Ethylbenzene | 1.854 | 2.025 | 0.010 | 9.2 | 50.0 |
| o-Xylene | 0.738 | 0.727 | 0.010 | -1.4 | 50.0 |
| m,p-Xylene | 0.764 | 0.751 | 0.010 | -1.7 | 50.0 |
| Styrene | 1.148 | 1.205 | 0.010 | 4.9 | 50.0 |
| Bromoform | 0.272 | 0.300 | 0.010 | 10.2 | 50.0 |
| Isopropylbenzene | 1.751 | 1.926 | 0.010 | 10.0 | 50.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.243 | 0.010 | -4.1 | 50.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.515 | 0.010 | -0.8 | 50.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.606 | 0.010 | -1.0 | 50.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.396 | 0.010 | 1.9 | 50.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.077 | 0.010 | 15.5 | 50.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.629 | 0.010 | -5.8 | 50.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.474 | 0.010 | 1.1 | 50.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 5:51

Lab File ID: M6A0886.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506R Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.515 | 0.010 | 0.3 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.468 | 0.010 | -1.8 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.702 | 0.010 | -2.3 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.040 | 0.010 | 6.8 | 40.0 |
| Chloroform-d | 0.584 | 0.576 | 0.010 | -1.4 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.305 | 0.010 | 2.1 | 25.0 |
| Benzene-d6 | 1.485 | 1.506 | 0.010 | 1.4 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.424 | 0.010 | 1.1 | 40.0 |
| Toluene-d8 | 1.393 | 1.479 | 0.010 | 6.2 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.349 | 0.010 | 10.8 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.058 | 0.010 | 9.8 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.010 | 49.8 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.263 | 0.010 | 5.7 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.880 | 0.010 | 2.8 | 25.0 |

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 9:16

Lab File ID: M6A0889.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506S Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.368 | 0.010 | -8.4 | 40.0 |
| Chloromethane | 0.649 | 0.567 | 0.010 | -12.6 | 40.0 |
| Vinyl chloride | 0.674 | 0.611 | 0.100 | -9.4 | 25.0 |
| Bromomethane | 0.352 | 0.338 | 0.100 | -4.1 | 25.0 |
| Chloroethane | 0.442 | 0.388 | 0.010 | -12.3 | 40.0 |
| Trichlorofluoromethane | 0.995 | 0.878 | 0.010 | -11.7 | 40.0 |
| 1,1-Dichloroethene | 0.325 | 0.313 | 0.100 | -3.7 | 25.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.344 | 0.010 | -6.0 | 40.0 |
| Acetone | 0.074 | 0.050 | 0.010 | -33.0 | 40.0 |
| Carbon disulfide | 0.977 | 0.903 | 0.010 | -7.6 | 40.0 |
| Methyl Acetate | 0.070 | 0.061 | 0.010 | -12.4 | 40.0 |
| Methylene chloride | 0.305 | 0.300 | 0.010 | -1.4 | 40.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.300 | 0.010 | -8.0 | 40.0 |
| Methyl tert-butyl ether | 0.530 | 0.484 | 0.010 | -8.6 | 40.0 |
| 1,1-Dichloroethane | 0.623 | 0.565 | 0.200 | -9.3 | 25.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.299 | 0.010 | -5.2 | 40.0 |
| 2-Butanone | 0.090 | 0.070 | 0.010 | -21.9 | 40.0 |
| Bromochloromethane | 0.118 | 0.113 | 0.050 | -4.4 | 25.0 |
| Chloroform | 0.585 | 0.557 | 0.200 | -4.8 | 25.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.512 | 0.100 | -9.4 | 25.0 |
| Cyclohexane | 0.836 | 0.735 | 0.010 | -12.0 | 40.0 |
| Carbon tetrachloride | 0.451 | 0.435 | 0.100 | -3.6 | 25.0 |
| Benzene | 1.636 | 1.504 | 0.400 | -8.0 | 25.0 |
| 1,2-Dichloroethane | 0.404 | 0.392 | 0.100 | -2.9 | 25.0 |
| 1,4-Dioxane | 0.001 | 0.001 | 0.005 | 2.9 | 50.0 |
| Trichloroethene | 0.413 | 0.361 | 0.300 | -12.5 | 25.0 |
| Methylcyclohexane | 0.786 | 0.697 | 0.010 | -11.3 | 40.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 9:16

Lab File ID: M6A0889.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506S Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.379 | 0.010 | -6.7 | 40.0 |
| Bromodichloromethane | 0.429 | 0.407 | 0.200 | -5.2 | 25.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.505 | 0.200 | -1.4 | 25.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.182 | 0.010 | -10.8 | 40.0 |
| Toluene | 1.701 | 1.651 | 0.400 | -3.0 | 25.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.404 | 0.100 | 4.4 | 25.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.214 | 0.100 | -7.2 | 25.0 |
| Tetrachloroethene | 0.346 | 0.307 | 0.100 | -11.3 | 25.0 |
| 2-Hexanone | 0.148 | 0.109 | 0.010 | -26.4 | 40.0 |
| Dibromochloromethane | 0.245 | 0.233 | 0.100 | -5.1 | 25.0 |
| 1,2-Dibromoethane | 0.216 | 0.195 | 0.010 | -9.8 | 40.0 |
| Chlorobenzene | 1.045 | 0.978 | 0.500 | -6.4 | 25.0 |
| Ethylbenzene | 1.854 | 1.810 | 0.100 | -2.4 | 25.0 |
| o-Xylene | 0.738 | 0.676 | 0.300 | -8.4 | 25.0 |
| m,p-Xylene | 0.764 | 0.700 | 0.300 | -8.4 | 25.0 |
| Styrene | 1.148 | 1.113 | 0.300 | -3.0 | 25.0 |
| Bromoform | 0.272 | 0.257 | 0.050 | -5.6 | 25.0 |
| Isopropylbenzene | 1.751 | 1.765 | 0.010 | 0.8 | 40.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.234 | 0.300 | -7.5 | 25.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.407 | 0.600 | -7.9 | 25.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.479 | 0.500 | -8.8 | 25.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.244 | 0.400 | -9.1 | 25.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.061 | 0.010 | -9.2 | 40.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.559 | 0.200 | -16.2 | 25.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.412 | 0.200 | -12.2 | 25.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 9:16

Lab File ID: M6A0889.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506S Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.477 | 0.010 | -7.1 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.444 | 0.010 | -6.8 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.720 | 0.010 | 0.2 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.035 | 0.010 | -5.5 | 40.0 |
| Chloroform-d | 0.584 | 0.595 | 0.010 | 1.9 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.302 | 0.010 | 1.1 | 25.0 |
| Benzene-d6 | 1.485 | 1.457 | 0.010 | -1.9 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.415 | 0.010 | -1.1 | 40.0 |
| Toluene-d8 | 1.393 | 1.438 | 0.010 | 3.2 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.351 | 0.010 | 11.5 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.049 | 0.010 | -6.6 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.005 | 28.6 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.248 | 0.010 | -0.2 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.818 | 0.010 | -4.4 | 25.0 |

SOM01.2 (6/2007)

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 17:47

Lab File ID: M6A0908.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506T Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.408 | 0.010 | 1.7 | 50.0 |
| Chloromethane | 0.649 | 0.634 | 0.010 | -2.4 | 50.0 |
| Vinyl chloride | 0.674 | 0.699 | 0.010 | 3.6 | 50.0 |
| Bromomethane | 0.352 | 0.366 | 0.010 | 4.1 | 50.0 |
| Chloroethane | 0.442 | 0.430 | 0.010 | -2.8 | 50.0 |
| Trichlorofluoromethane | 0.995 | 0.649 | 0.010 | -34.7 | 50.0 |
| 1,1-Dichloroethene | 0.325 | 0.345 | 0.010 | 6.1 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.377 | 0.010 | 2.9 | 50.0 |
| Acetone | 0.074 | 0.049 | 0.010 | -33.6 | 50.0 |
| Carbon disulfide | 0.977 | 0.992 | 0.010 | 1.6 | 50.0 |
| Methyl Acetate | 0.070 | 0.060 | 0.010 | -13.8 | 50.0 |
| Methylene chloride | 0.305 | 0.302 | 0.010 | -0.9 | 50.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.339 | 0.010 | 4.2 | 50.0 |
| Methyl tert-butyl ether | 0.530 | 0.515 | 0.010 | -2.9 | 50.0 |
| 1,1-Dichloroethane | 0.623 | 0.590 | 0.010 | -5.3 | 50.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.323 | 0.010 | 2.5 | 50.0 |
| 2-Butanone | 0.090 | 0.083 | 0.010 | -6.9 | 50.0 |
| Bromochloromethane | 0.118 | 0.121 | 0.010 | 3.2 | 50.0 |
| Chloroform | 0.585 | 0.597 | 0.010 | 2.0 | 50.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.600 | 0.010 | 6.2 | 50.0 |
| Cyclohexane | 0.836 | 0.883 | 0.010 | 5.6 | 50.0 |
| Carbon tetrachloride | 0.451 | 0.539 | 0.010 | 19.6 | 50.0 |
| Benzene | 1.636 | 1.720 | 0.010 | 5.2 | 50.0 |
| 1,2-Dichloroethane | 0.404 | 0.417 | 0.010 | 3.3 | 50.0 |
| 1,4-Dioxane | 0.001 | 0.002 | 0.010 | 34.1 | 50.0 |
| Trichloroethene | 0.413 | 0.424 | 0.010 | 2.7 | 50.0 |
| Methylcyclohexane | 0.786 | 0.817 | 0.010 | 3.9 | 50.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 17:47

Lab File ID: M6A0908.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506T Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.430 | 0.010 | 5.8 | 50.0 |
| Bromodichloromethane | 0.429 | 0.455 | 0.010 | 5.9 | 50.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.574 | 0.010 | 12.0 | 50.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.227 | 0.010 | 11.3 | 50.0 |
| Toluene | 1.701 | 1.866 | 0.010 | 9.7 | 50.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.447 | 0.010 | 15.6 | 50.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.250 | 0.010 | 8.7 | 50.0 |
| Tetrachloroethene | 0.346 | 0.353 | 0.010 | 1.9 | 50.0 |
| 2-Hexanone | 0.148 | 0.151 | 0.010 | 2.4 | 50.0 |
| Dibromochloromethane | 0.245 | 0.267 | 0.010 | 8.8 | 50.0 |
| 1,2-Dibromoethane | 0.216 | 0.229 | 0.010 | 6.2 | 50.0 |
| Chlorobenzene | 1.045 | 1.072 | 0.010 | 2.6 | 50.0 |
| Ethylbenzene | 1.854 | 2.065 | 0.010 | 11.4 | 50.0 |
| o-Xylene | 0.738 | 0.755 | 0.010 | 2.3 | 50.0 |
| m,p-Xylene | 0.764 | 0.793 | 0.010 | 3.8 | 50.0 |
| Styrene | 1.148 | 1.237 | 0.010 | 7.8 | 50.0 |
| Bromoform | 0.272 | 0.293 | 0.010 | 7.4 | 50.0 |
| Isopropylbenzene | 1.751 | 2.017 | 0.010 | 15.2 | 50.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.278 | 0.010 | 9.7 | 50.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.506 | 0.010 | -1.4 | 50.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.580 | 0.010 | -2.6 | 50.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.384 | 0.010 | 1.1 | 50.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.079 | 0.010 | 18.7 | 50.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.649 | 0.010 | -2.8 | 50.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.484 | 0.010 | 3.2 | 50.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/29/2012 Time: 17:47

Lab File ID: M6A0908.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506T Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.445 | 0.010 | -13.3 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.417 | 0.010 | -12.4 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.685 | 0.010 | -4.7 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.034 | 0.010 | -9.7 | 40.0 |
| Chloroform-d | 0.584 | 0.587 | 0.010 | 0.5 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.295 | 0.010 | -1.2 | 25.0 |
| Benzene-d6 | 1.485 | 1.503 | 0.010 | 1.2 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.424 | 0.010 | 1.0 | 40.0 |
| Toluene-d8 | 1.393 | 1.455 | 0.010 | 4.5 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.356 | 0.010 | 13.2 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.057 | 0.010 | 7.4 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.010 | 37.6 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.277 | 0.010 | 11.4 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.845 | 0.010 | -1.3 | 25.0 |

SOM01.2 (6/2007)

7A- FORM VI VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/30/2012 Time: 3:10

Lab File ID: M6A0930.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506U Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.401 | 0.384 | 0.010 | -4.1 | 50.0 |
| Chloromethane | 0.649 | 0.575 | 0.010 | -11.4 | 50.0 |
| Vinyl chloride | 0.674 | 0.623 | 0.010 | -7.5 | 50.0 |
| Bromomethane | 0.352 | 0.287 | 0.010 | -18.4 | 50.0 |
| Chloroethane | 0.442 | 0.395 | 0.010 | -10.7 | 50.0 |
| Trichlorofluoromethane | 0.995 | 0.886 | 0.010 | -10.9 | 50.0 |
| 1,1-Dichloroethene | 0.325 | 0.333 | 0.010 | 2.4 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.366 | 0.356 | 0.010 | -2.8 | 50.0 |
| Acetone | 0.074 | 0.048 | 0.010 | -36.2 | 50.0 |
| Carbon disulfide | 0.977 | 0.951 | 0.010 | -2.7 | 50.0 |
| Methyl Acetate | 0.070 | 0.053 | 0.010 | -24.4 | 50.0 |
| Methylene chloride | 0.305 | 0.296 | 0.010 | -2.8 | 50.0 |
| trans-1,2-Dichloroethene | 0.326 | 0.325 | 0.010 | -0.3 | 50.0 |
| Methyl tert-butyl ether | 0.530 | 0.497 | 0.010 | -6.3 | 50.0 |
| 1,1-Dichloroethane | 0.623 | 0.583 | 0.010 | -6.4 | 50.0 |
| cis-1,2-Dichloroethene | 0.316 | 0.319 | 0.010 | 1.2 | 50.0 |
| 2-Butanone | 0.090 | 0.081 | 0.010 | -10.1 | 50.0 |
| Bromochloromethane | 0.118 | 0.122 | 0.010 | 3.8 | 50.0 |
| Chloroform | 0.585 | 0.568 | 0.010 | -3.0 | 50.0 |
| 1,1,1-Trichloroethane | 0.565 | 0.581 | 0.010 | 2.9 | 50.0 |
| Cyclohexane | 0.836 | 0.823 | 0.010 | -1.5 | 50.0 |
| Carbon tetrachloride | 0.451 | 0.507 | 0.010 | 12.5 | 50.0 |
| Benzene | 1.636 | 1.632 | 0.010 | -0.3 | 50.0 |
| 1,2-Dichloroethane | 0.404 | 0.399 | 0.010 | -1.2 | 50.0 |
| 1,4-Dioxane | 0.001 | 0.002 | 0.010 | 25.4 | 50.0 |
| Trichloroethene | 0.413 | 0.399 | 0.010 | -3.2 | 50.0 |
| Methylcyclohexane | 0.786 | 0.751 | 0.010 | -4.4 | 50.0 |

SOM01.2 (6/2007)

7B- FORM VI VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/30/2012 Time: 3:10

Lab File ID: M6A0930.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506U Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.407 | 0.407 | 0.010 | 0.2 | 50.0 |
| Bromodichloromethane | 0.429 | 0.439 | 0.010 | 2.2 | 50.0 |
| cis-1,3-Dichloropropene | 0.513 | 0.503 | 0.010 | -1.9 | 50.0 |
| 4-Methyl-2-pentanone | 0.204 | 0.212 | 0.010 | 3.8 | 50.0 |
| Toluene | 1.701 | 1.755 | 0.010 | 3.2 | 50.0 |
| trans-1,3-Dichloropropene | 0.387 | 0.401 | 0.010 | 3.7 | 50.0 |
| 1,1,2-Trichloroethane | 0.230 | 0.238 | 0.010 | 3.2 | 50.0 |
| Tetrachloroethene | 0.346 | 0.338 | 0.010 | -2.4 | 50.0 |
| 2-Hexanone | 0.148 | 0.129 | 0.010 | -12.9 | 50.0 |
| Dibromochloromethane | 0.245 | 0.247 | 0.010 | 0.8 | 50.0 |
| 1,2-Dibromoethane | 0.216 | 0.217 | 0.010 | 0.4 | 50.0 |
| Chlorobenzene | 1.045 | 1.012 | 0.010 | -3.2 | 50.0 |
| Ethylbenzene | 1.854 | 1.954 | 0.010 | 5.4 | 50.0 |
| o-Xylene | 0.738 | 0.704 | 0.010 | -4.6 | 50.0 |
| m,p-Xylene | 0.764 | 0.745 | 0.010 | -2.4 | 50.0 |
| Styrene | 1.148 | 1.162 | 0.010 | 1.2 | 50.0 |
| Bromoform | 0.272 | 0.257 | 0.010 | -5.8 | 50.0 |
| Isopropylbenzene | 1.751 | 1.883 | 0.010 | 7.6 | 50.0 |
| 1,1,2,2-Tetrachloroethane | 0.253 | 0.262 | 0.010 | 3.5 | 50.0 |
| 1,3-Dichlorobenzene | 1.527 | 1.483 | 0.010 | -2.9 | 50.0 |
| 1,4-Dichlorobenzene | 1.622 | 1.561 | 0.010 | -3.8 | 50.0 |
| 1,2-Dichlorobenzene | 1.369 | 1.355 | 0.010 | -1.1 | 50.0 |
| 1,2-Dibromo-3-chloropropane | 0.067 | 0.073 | 0.010 | 8.7 | 50.0 |
| 1,2,4-Trichlorobenzene | 0.667 | 0.639 | 0.010 | -4.2 | 50.0 |
| 1,2,3-Trichlorobenzene | 0.469 | 0.475 | 0.010 | 1.4 | 50.0 |

SOM01.2 (6/2007)

7C- FORM VI VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: EP-W-11-034

Lab Code : PEL Case No.: 42616 Mod. Ref No.: SDG No.: F5YB1

Instrument ID VMS06 Calibration Dates 06/30/2012 Time: 3:10

Lab File ID: M6A0930.D Init. Calib. Date(s) 06/27/2012 06/27/2012

EPA Sample No. (VSTD####) VSTD0506U Init. Calib. Time(s) 6:22 8:03

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.18 (mm) Length: 20 (m)

Purge Volume: 5.0 (mL)

| COMPOUND | $\overline{RRF}$ | RRF 050 | MIN RRF | %D | MAX %D |
|---|---|---|---|---|---|
| Vinyl chloride-d3 | 0.513 | 0.400 | 0.010 | -22.0 | 25.0 |
| Chloroethane-d5 | 0.476 | 0.393 | 0.010 | -17.6 | 40.0 |
| 1,1-Dichloroethene-d2 | 0.719 | 0.663 | 0.010 | -7.7 | 25.0 |
| 2-Butanone-d5 | 0.037 | 0.037 | 0.010 | -2.2 | 40.0 |
| Chloroform-d | 0.584 | 0.581 | 0.010 | -0.5 | 25.0 |
| 1,2-Dichloroethane-d4 | 0.299 | 0.290 | 0.010 | -2.9 | 25.0 |
| Benzene-d6 | 1.485 | 1.448 | 0.010 | -2.5 | 25.0 |
| 1,2-Dichloropropane-d6 | 0.420 | 0.409 | 0.010 | -2.6 | 40.0 |
| Toluene-d8 | 1.393 | 1.397 | 0.010 | 0.3 | 25.0 |
| trans-1,3-Dichloropropene-d4 | 0.314 | 0.339 | 0.010 | 7.8 | 25.0 |
| 2-Hexanone-d5 | 0.053 | 0.054 | 0.010 | 2.1 | 40.0 |
| 1,4-Dioxane-d8 | 0.001 | 0.001 | 0.010 | 46.6 | 50.0 |
| 1,1,2,2-Tetrachloroethane-d2 | 0.248 | 0.262 | 0.010 | 5.5 | 25.0 |
| 1,2-Dichlorobenzene-d4 | 0.856 | 0.830 | 0.010 | -3.0 | 25.0 |

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0818.D
Lab Smp Id: VSTD0506N  Client Smp ID: VSTD0506N
Inj Date  : 27-JUN-2012 17:28  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0506N
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062712CLPC.b\VOAMED.m
Meth Date : 06-Jul-2012 17:26 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 27  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

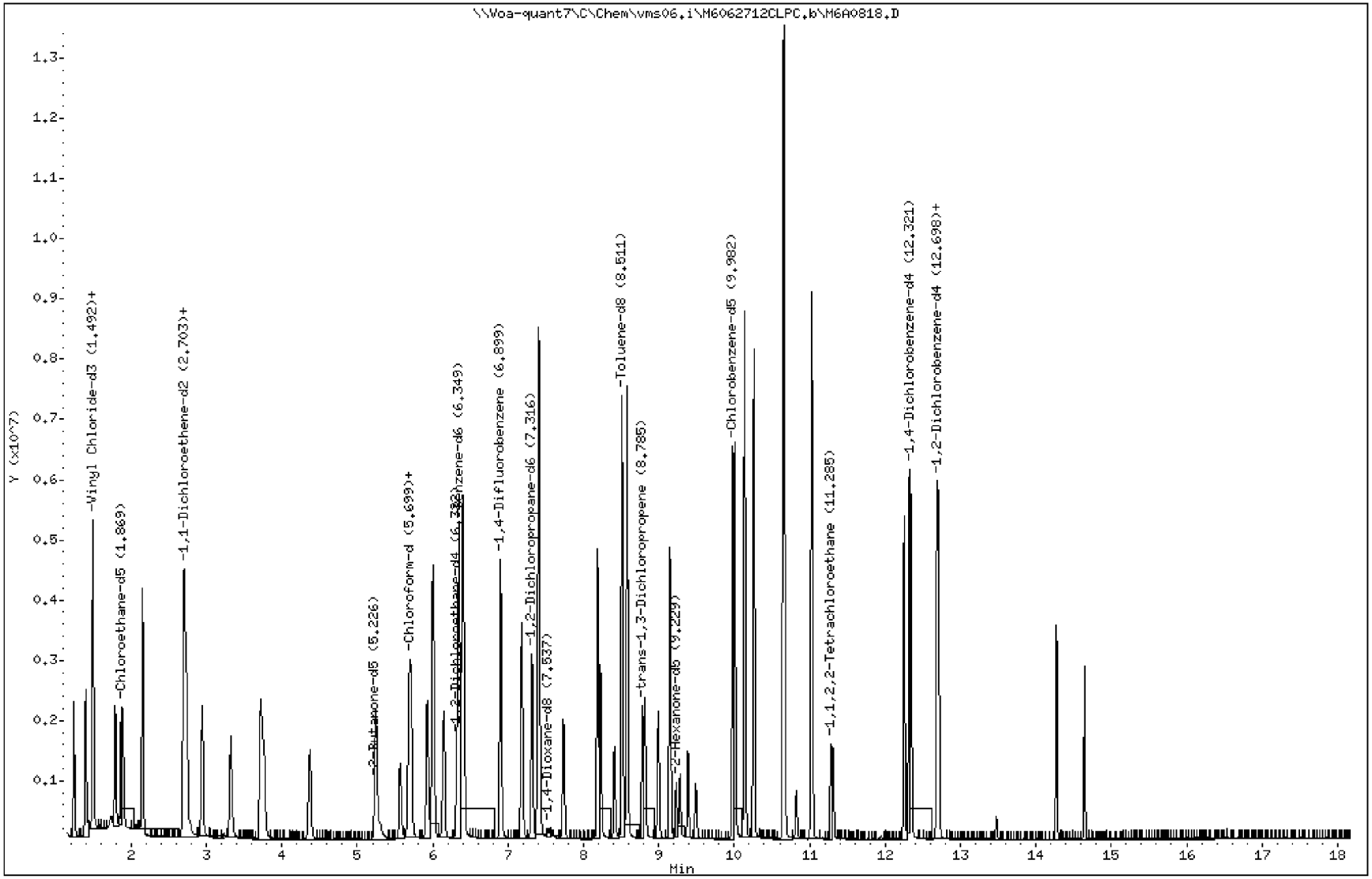
| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1268305 | 50.0000 | 47.1694 |
| 2 Chloromethane | 50 | 1.397 | 1.397 | (0.203) | 2058647 | 50.0000 | 47.2804 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.488 | 1.488 | (0.216) | 1843609 | 50.0000 | 53.6112 |
| 3 Vinyl Chloride | 62 | 1.494 | 1.494 | (0.217) | 2238973 | 50.0000 | 49.5474 |
| 4 Bromomethane | 94 | 1.791 | 1.791 | (0.260) | 1200368 | 50.0000 | 50.8717 |
| $ 80 Chloroethane-d5 | 69 | 1.868 | 1.868 | (0.271) | 1620284 | 50.0000 | 50.7637 |
| 5 Chloroethane | 64 | 1.894 | 1.894 | (0.275) | 1394770 | 50.0000 | 47.0560 |
| 6 Trichlorofluoromethane | 101 | 2.149 | 2.149 | (0.312) | 2619489 | 50.0000 | 39.2872 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.694 | 2.694 | (0.390) | 2333575 | 50.0000 | 48.4378 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1014234 | 50.0000 | 46.5185 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.735 | 2.735 | (0.396) | 1143761 | 50.0000 | 46.6206 |
| 9 Acetone | 43 | 2.790 | 2.790 | (0.404) | 296824 | 100.000 | 59.4622 |
| 10 Carbon Disulfide | 76 | 2.941 | 2.941 | (0.426) | 2985099 | 50.0000 | 45.5751 |
| 11 Methyl Acetate | 43 | 3.230 | 3.230 | (0.468) | 157806 | 50.0000 | 33.6722 |
| 12 Methylene Chloride | 84 | 3.323 | 3.323 | (0.482) | 869611 | 50.0000 | 42.5688 |
| 13 trans-1,2-Dichloroethene | 96 | 3.718 | 3.718 | (0.539) | 975232 | 50.0000 | 44.6714 |
| 14 Methyl tert-Butyl ether | 73 | 3.760 | 3.760 | (0.545) | 1513703 | 50.0000 | 42.5994 |
| 15 1,1-Dichloroethane | 63 | 4.371 | 4.371 | (0.633) | 1838324 | 50.0000 | 44.0475 |
| $ 82 2-Butanone-d5 | 46 | 5.225 | 5.225 | (0.757) | 222307 | 100.000 | 88.5855 |
| 17 cis-1,2-Dichloroethene | 96 | 5.246 | 5.246 | (0.760) | 940646 | 50.0000 | 44.4596 |
| 16 2-Butanone | 43 | 5.305 | 5.305 | (0.769) | 444196 | 100.000 | 73.8644 |
| 18 Bromochloromethane | 128 | 5.569 | 5.569 | (0.807) | 345658 | 50.0000 | 43.8145 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.688 | 5.688 | (0.824) | 1962638 | 50.0000 | 50.1379 |
| 19 Chloroform | 83 | 5.712 | 5.712 | (0.828) | 1761059 | 50.0000 | 44.8639 |
| 20 1,1,1-Trichloroethane | 97 | 5.929 | 5.929 | (0.594) | 1533307 | 50.0000 | 47.1773 |
| 21 Cyclohexane | 56 | 6.005 | 6.005 | (0.602) | 2243654 | 50.0000 | 46.6600 |
| 22 Carbon Tetrachloride | 117 | 6.147 | 6.147 | (0.616) | 1316416 | 50.0000 | 50.7628 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.321 | (0.916) | 952901 | 50.0000 | 47.5192 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 4343526 | 50.0000 | 50.8362 |
| 25 Benzene | 78 | 6.396 | 6.396 | (0.641) | 4350829 | 50.0000 | 46.2323 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1191407 | 50.0000 | 44.0394 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 3352161 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.719) | 1073259 | 50.0000 | 45.2116 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 1176608 | 50.0000 | 48.7259 |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 2103285 | 50.0000 | 46.5129 |
| 29 1,2-Dichloropropane | 63 | 7.415 | 7.415 | (0.743) | 1092317 | 50.0000 | 46.6951 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.538 | 7.538 | (1.093) | 90490 | 1000.00 | 1375.99 |
| 93 1,4-Dioxane | 88 | 7.595 | 7.595 | (1.101) | 105421 | 1000.00 | 1164.54 |
| 30 Bromodichloromethane | 83 | 7.734 | 7.734 | (0.775) | 1131121 | 50.0000 | 45.7973 |
| 31 cis-1,3-Dichloropropene | 75 | 8.227 | 8.227 | (0.824) | 1377631 | 50.0000 | 46.7013 |
| 32 4-Methyl-2-Pentanone | 43 | 8.412 | 8.412 | (0.843) | 973559 | 100.000 | 82.9191 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 4244352 | 50.0000 | 52.9420 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4808959 | 50.0000 | 49.1325 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.785 | (0.880) | 960609 | 50.0000 | 53.0910 |
| 35 trans-1,3-Dichloropropene | 75 | 8.814 | 8.814 | (0.883) | 1056472 | 50.0000 | 47.5051 |
| 36 1,1,2-Trichloroethane | 97 | 8.992 | 8.992 | (0.901) | 582998 | 50.0000 | 44.0026 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 917246 | 50.0000 | 46.0424 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 276889 | 100.000 | 90.9855 |
| 38 2-Hexanone | 43 | 9.277 | 9.277 | (0.929) | 650949 | 100.000 | 76.5922 |
| 39 Dibromochloromethane | 129 | 9.388 | 9.388 | (0.941) | 638288 | 50.0000 | 45.2586 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 534161 | 50.0000 | 43.0362 |
| * 42 Chlorobenzene-d5 | 117 | 9.982 | 9.982 | (1.000) | 2876811 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.010 | 10.010 | (1.003) | 2774519 | 50.0000 | 46.1430 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 5396970 | 50.0000 | 50.6006 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 2035460 | 50.0000 | 46.3180 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1955421 | 50.0000 | 46.0688 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 3139953 | 50.0000 | 47.5335 |
| 48 Bromoform | 173 | 10.824 | 10.824 | (0.879) | 312598 | 50.0000 | 43.8985 |
| 49 Isopropylbenzene | 105 | 11.029 | 11.029 | (1.105) | 5244510 | 50.0000 | 52.0571 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 658963 | 50.0000 | 46.1180 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 614763 | 50.0000 | 42.1867 |
| 52 1,3-Dichlorobenzene | 146 | 12.254 | 12.254 | (0.995) | 1817936 | 50.0000 | 45.5471 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1306631 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 1900156 | 50.0000 | 44.8307 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.690 | (1.030) | 1075187 | 50.0000 | 48.0767 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.708 | (1.032) | 1588250 | 50.0000 | 44.3950 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.473 | (1.094) | 77253 | 50.0000 | 44.2809 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.274 | 14.274 | (1.159) | 779039 | 50.0000 | 44.6900 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.646 | 14.646 | (1.189) | 557993 | 50.0000 | 45.5415 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0818.D
Date : 27-JUN-2012 17:28
Client ID: VSTD0506N
Sample Info: VSTD0506N
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0843.D
Lab Smp Id: VSTD0506P  Client Smp ID: VSTD0506P
Inj Date  : 28-JUN-2012 12:02
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0506P
Misc Info : 1
Comment   :
Method    : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 2  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1189930 | 50.0000 | 48.4572 |
| 2 Chloromethane | 50 | 1.394 | 1.395 | (0.202) | 1903574 | 50.0000 | 47.8707 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1527523 | 50.0000 | 48.6380 |
| 3 Vinyl Chloride | 62 | 1.495 | 1.495 | (0.217) | 2077125 | 50.0000 | 50.3309 |
| 4 Bromomethane | 94 | 1.793 | 1.791 | (0.260) | 1085106 | 50.0000 | 50.3540 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.869 | (0.271) | 1367196 | 50.0000 | 46.9022 |
| 5 Chloroethane | 64 | 1.896 | 1.895 | (0.275) | 1321829 | 50.0000 | 48.8302 |
| 6 Trichlorofluoromethane | 101 | 2.154 | 2.153 | (0.312) | 3059161 | 50.0000 | 50.2386 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.691 | 2.692 | (0.390) | 2105676 | 50.0000 | 47.8580 |
| 7 1,1-Dichloroethene | 96 | 2.705 | 2.707 | (0.392) | 1007775 | 50.0000 | 50.6118 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.732 | 2.734 | (0.396) | 1104631 | 50.0000 | 49.3015 |
| 9 Acetone | 43 | 2.784 | 2.786 | (0.404) | 490684 | 100.000 | 107.633 |
| 10 Carbon Disulfide | 76 | 2.936 | 2.939 | (0.426) | 2920543 | 50.0000 | 48.8240 |
| 11 Methyl Acetate | 43 | 3.226 | 3.225 | (0.468) | 183822 | 50.0000 | 42.9483 |
| 12 Methylene Chloride | 84 | 3.319 | 3.322 | (0.481) | 876594 | 50.0000 | 46.9857 |
| 13 trans-1,2-Dichloroethene | 96 | 3.718 | 3.720 | (0.539) | 970420 | 50.0000 | 48.6723 |
| 14 Methyl tert-Butyl ether | 73 | 3.763 | 3.762 | (0.545) | 1576330 | 50.0000 | 48.5748 |
| 15 1,1-Dichloroethane | 63 | 4.369 | 4.370 | (0.633) | 1817276 | 50.0000 | 47.6782 |
| $ 82 2-Butanone-d5 | 46 | 5.225 | 5.228 | (0.757) | 317264 | 100.000 | 138.430 |
| 17 cis-1,2-Dichloroethene | 96 | 5.246 | 5.248 | (0.760) | 923915 | 50.0000 | 47.8158 |
| 16 2-Butanone | 43 | 5.306 | 5.306 | (0.769) | 557830 | 100.000 | 101.569 |
| 18 Bromochloromethane | 128 | 5.569 | 5.568 | (0.807) | 347847 | 50.0000 | 48.2792 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.687 | 5.689 | (0.824) | 1691960 | 50.0000 | 47.3278 |
| 19 Chloroform | 83 | 5.712 | 5.713 | (0.828) | 1748104 | 50.0000 | 48.7631 |
| 20 1,1,1-Trichloroethane | 97 | 5.927 | 5.928 | (0.594) | 1452080 | 50.0000 | 48.8144 |
| 21 Cyclohexane | 56 | 6.002 | 6.005 | (0.601) | 2124948 | 50.0000 | 48.2826 |
| 22 Carbon Tetrachloride | 117 | 6.144 | 6.147 | (0.616) | 1230381 | 50.0000 | 51.8377 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.323 | (0.916) | 870084 | 50.0000 | 47.5098 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3650366 | 50.0000 | 46.6789 |
| 25 Benzene | 78 | 6.394 | 6.396 | (0.641) | 4189136 | 50.0000 | 48.6353 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1206198 | 50.0000 | 48.8203 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 3061430 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.180 | 7.181 | (0.719) | 1022321 | 50.0000 | 47.0529 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1034370 | 50.0000 | 46.8013 |
| 28 Methylcyclohexane | 83 | 7.400 | 7.405 | (0.741) | 2006057 | 50.0000 | 48.4699 |
| 29 1,2-Dichloropropane | 63 | 7.414 | 7.415 | (0.743) | 1029429 | 50.0000 | 48.0809 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.544 | 7.539 | (1.094) | 50762 | 1000.00 | 845.192(Q) |
| 93 1,4-Dioxane | 88 | 7.596 | 7.595 | (1.101) | 62678 | 1000.00 | 758.132 |
| 30 Bromodichloromethane | 83 | 7.734 | 7.734 | (0.775) | 1113783 | 50.0000 | 49.2702 |
| 31 cis-1,3-Dichloropropene | 75 | 8.225 | 8.227 | (0.824) | 1340506 | 50.0000 | 49.6499 |
| 32 4-Methyl-2-Pentanone | 43 | 8.411 | 8.412 | (0.843) | 1103658 | 100.000 | 102.702 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3606832 | 50.0000 | 49.1551 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4670277 | 50.0000 | 52.1331 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 819718 | 50.0000 | 49.4985 |
| 35 trans-1,3-Dichloropropene | 75 | 8.812 | 8.813 | (0.883) | 1053590 | 50.0000 | 51.7616 |
| 36 1,1,2-Trichloroethane | 97 | 8.991 | 8.992 | (0.901) | 554874 | 50.0000 | 45.7572 |
| 37 Tetrachloroethene | 164 | 9.148 | 9.150 | (0.917) | 876486 | 50.0000 | 48.0696 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 346255 | 100.000 | 124.313 |
| 38 2-Hexanone | 43 | 9.276 | 9.277 | (0.929) | 771153 | 100.000 | 99.1361 |
| 39 Dibromochloromethane | 129 | 9.387 | 9.387 | (0.940) | 642870 | 50.0000 | 49.8037 |
| 40 1,2-Dibromoethane | 107 | 9.490 | 9.491 | (0.951) | 552932 | 50.0000 | 48.6729 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2633042 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.009 | 10.009 | (1.003) | 2677707 | 50.0000 | 48.6558 |
| 44 Ethylbenzene | 91 | 10.136 | 10.137 | (1.016) | 5225422 | 50.0000 | 53.5280 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 1960950 | 50.0000 | 48.7536 |
| 46 o-Xylene | 106 | 10.651 | 10.652 | (1.067) | 1897783 | 50.0000 | 48.8503 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 3086882 | 50.0000 | 51.0564 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 327955 | 50.0000 | 51.1186 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.028 | (1.105) | 5052422 | 50.0000 | 54.7934 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 652318 | 50.0000 | 49.8796 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.306 | 11.307 | (1.133) | 668884 | 50.0000 | 50.1502 |
| 52 1,3-Dichlorobenzene | 146 | 12.254 | 12.253 | (0.995) | 1722085 | 50.0000 | 47.8892 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1177204 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.343 | 12.342 | (1.002) | 1807606 | 50.0000 | 47.3360 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 927251 | 50.0000 | 46.0202 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.708 | (1.032) | 1533593 | 50.0000 | 47.5802 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.474 | 13.473 | (1.094) | 82181 | 50.0000 | 52.2846 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.276 | 14.274 | (1.159) | 685246 | 50.0000 | 43.6313 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.650 | 14.645 | (1.189) | 470882 | 50.0000 | 42.6571 |

## QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0843.D



Date : 28-JUN-2012 12:02

Client ID: VSTD0506P

Instrument: vms06.i

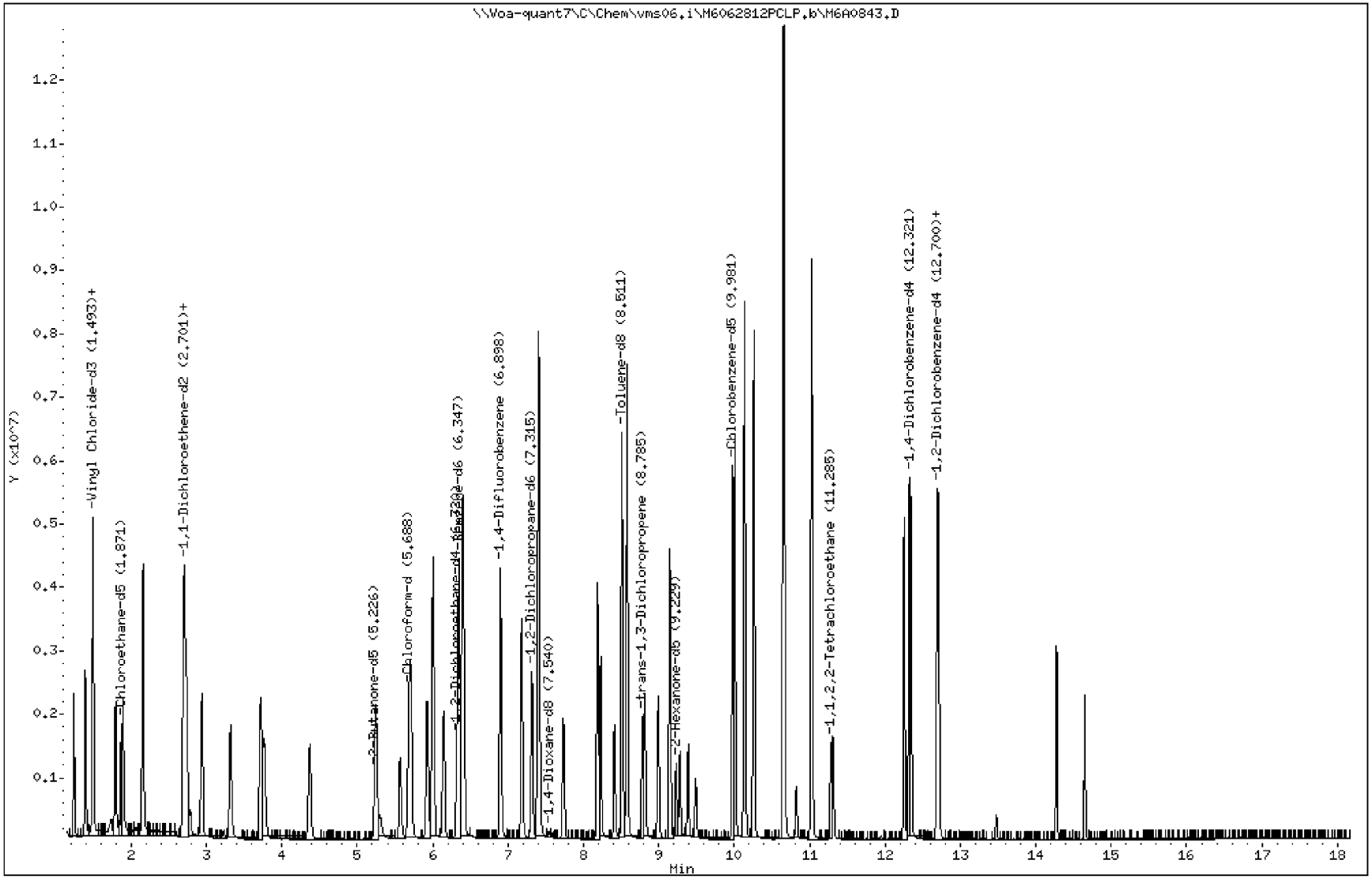
Sample Info: VSTD0506P

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0867.D
Lab Smp Id: VSTD0506Q  Client Smp ID: VSTD0506Q
Inj Date  : 28-JUN-2012 21:50  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0506Q
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 25  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.242 | 1.241 | (0.180) | 1183006 | 50.0000 | 50.1104 |
| 2 Chloromethane | 50 | 1.396 | 1.395 | (0.202) | 1826195 | 50.0000 | 47.7696 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.490 | 1.489 | (0.216) | 1518366 | 50.0000 | 50.2885 |
| 3 Vinyl Chloride | 62 | 1.496 | 1.495 | (0.217) | 2026388 | 50.0000 | 51.0739 |
| 4 Bromomethane | 94 | 1.795 | 1.791 | (0.260) | 1076565 | 50.0000 | 51.9645 |
| $ 80 Chloroethane-d5 | 69 | 1.872 | 1.869 | (0.271) | 1364324 | 50.0000 | 48.6838 |
| 5 Chloroethane | 64 | 1.897 | 1.895 | (0.275) | 1296117 | 50.0000 | 49.8037 |
| 6 Trichlorofluoromethane | 101 | 2.153 | 2.153 | (0.312) | 2982281 | 50.0000 | 50.9434 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.693 | 2.692 | (0.390) | 2094784 | 50.0000 | 49.5229 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 978848 | 50.0000 | 51.1337 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.734 | 2.734 | (0.396) | 1084563 | 50.0000 | 50.3503 |
| 9 Acetone | 43 | 2.788 | 2.786 | (0.404) | 306973 | 100.000 | 70.0402 |
| 10 Carbon Disulfide | 76 | 2.940 | 2.939 | (0.426) | 2886959 | 50.0000 | 50.2012 |
| 11 Methyl Acetate | 43 | 3.222 | 3.225 | (0.467) | 179617 | 50.0000 | 43.6516 |
| 12 Methylene Chloride | 84 | 3.324 | 3.322 | (0.482) | 862016 | 50.0000 | 48.0603 |
| 13 trans-1,2-Dichloroethene | 96 | 3.719 | 3.720 | (0.539) | 958674 | 50.0000 | 50.0147 |
| 14 Methyl tert-Butyl ether | 73 | 3.759 | 3.762 | (0.545) | 1433167 | 50.0000 | 45.9372 |
| 15 1,1-Dichloroethane | 63 | 4.370 | 4.370 | (0.633) | 1767267 | 50.0000 | 48.2287 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.228 | (0.758) | 178375 | 100.000 | 80.9559 |
| 17 cis-1,2-Dichloroethene | 96 | 5.247 | 5.248 | (0.761) | 922203 | 50.0000 | 49.6444 |
| 16 2-Butanone | 43 | 5.305 | 5.306 | (0.769) | 441097 | 100.000 | 83.5410 |
| 18 Bromochloromethane | 128 | 5.569 | 5.568 | (0.807) | 342858 | 50.0000 | 49.4983 |

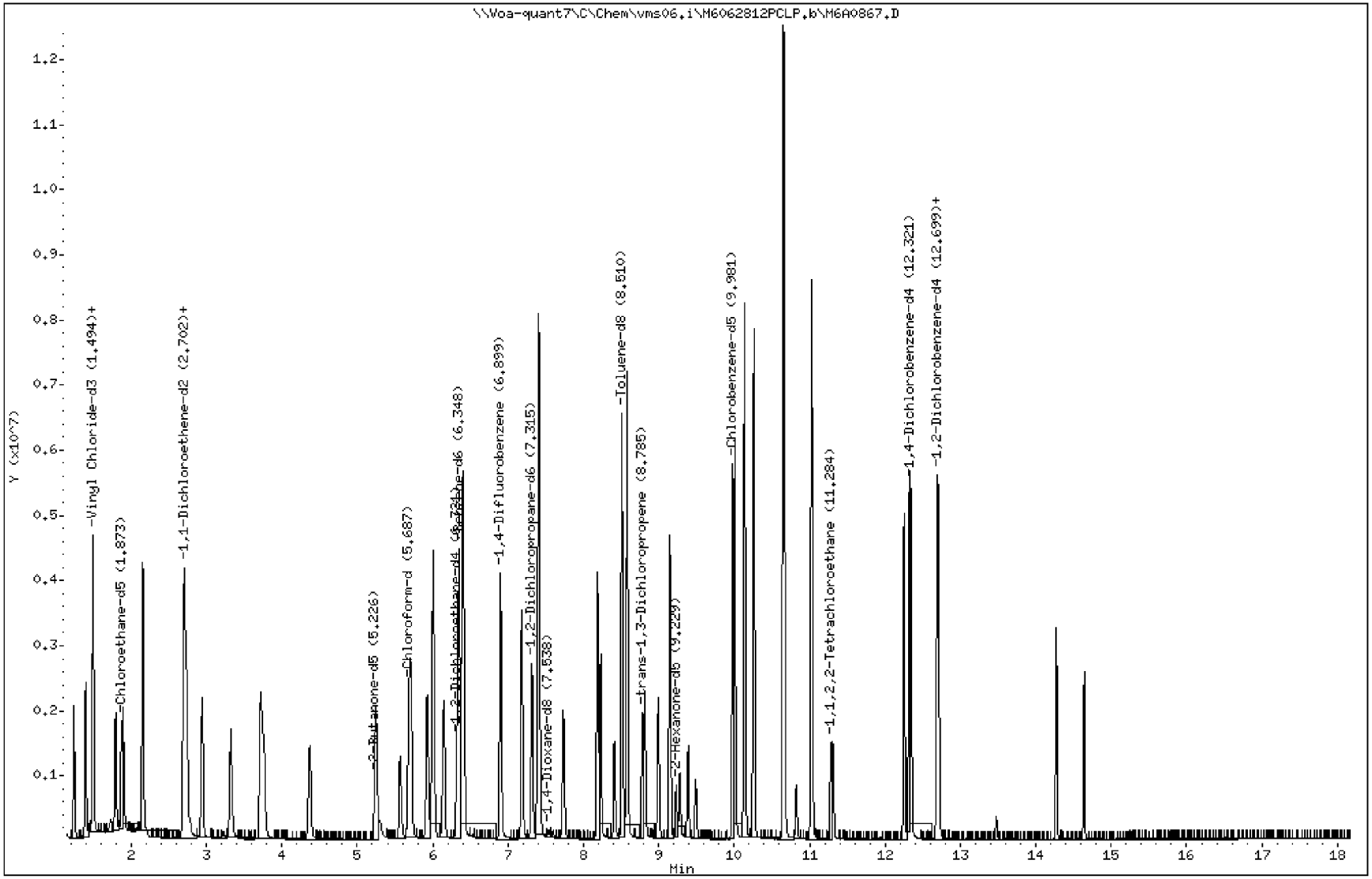
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.686 | 5.689 | (0.824) | 1704995 | 50.0000 | 49.6082 |
| 19 Chloroform | 83 | 5.712 | 5.713 | (0.828) | 1736535 | 50.0000 | 50.3862 |
| 20 1,1,1-Trichloroethane | 97 | 5.929 | 5.928 | (0.594) | 1481872 | 50.0000 | 52.2446 |
| 21 Cyclohexane | 56 | 6.004 | 6.005 | (0.602) | 2177691 | 50.0000 | 51.8933 |
| 22 Carbon Tetrachloride | 117 | 6.146 | 6.147 | (0.616) | 1300450 | 50.0000 | 57.4610 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.323 | (0.916) | 865807 | 50.0000 | 49.1754 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3802238 | 50.0000 | 50.9914 |
| 25 Benzene | 78 | 6.396 | 6.396 | (0.641) | 4231730 | 50.0000 | 51.5250 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1196389 | 50.0000 | 50.3684 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2943202 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.720) | 1040506 | 50.0000 | 50.2246 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1032875 | 50.0000 | 49.0120 |
| 28 Methylcyclohexane | 83 | 7.401 | 7.405 | (0.742) | 2014453 | 50.0000 | 51.0457 |
| 29 1,2-Dichloropropane | 63 | 7.413 | 7.415 | (0.743) | 1044880 | 50.0000 | 51.1818 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.538 | 7.539 | (1.093) | 67689 | 1000.00 | 1172.30(Q) |
| 93 1,4-Dioxane | 88 | 7.594 | 7.595 | (1.101) | 89785 | 1000.00 | 1129.63 |
| 30 Bromodichloromethane | 83 | 7.734 | 7.734 | (0.775) | 1119942 | 50.0000 | 51.9580 |
| 31 cis-1,3-Dichloropropene | 75 | 8.226 | 8.227 | (0.824) | 1317766 | 50.0000 | 51.1872 |
| 32 4-Methyl-2-Pentanone | 43 | 8.410 | 8.412 | (0.843) | 976339 | 100.000 | 95.2839 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3662199 | 50.0000 | 52.3429 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4601200 | 50.0000 | 53.8661 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.784 | (0.880) | 846966 | 50.0000 | 53.6372 |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.813 | (0.883) | 1039226 | 50.0000 | 53.5450 |
| 36 1,1,2-Trichloroethane | 97 | 8.993 | 8.992 | (0.901) | 584321 | 50.0000 | 50.5347 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 877175 | 50.0000 | 50.4527 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.228 | (0.925) | 233096 | 100.000 | 87.7663 |
| 38 2-Hexanone | 43 | 9.275 | 9.277 | (0.929) | 629803 | 100.000 | 84.9120 |
| 39 Dibromochloromethane | 129 | 9.386 | 9.387 | (0.940) | 636863 | 50.0000 | 51.7437 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 537633 | 50.0000 | 49.6334 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2510642 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.008 | 10.009 | (1.003) | 2648768 | 50.0000 | 50.4764 |
| 44 Ethylbenzene | 91 | 10.136 | 10.137 | (1.016) | 5095625 | 50.0000 | 54.7432 |
| 45 m,p-Xylene | 106 | 10.257 | 10.258 | (1.028) | 1920964 | 50.0000 | 50.0879 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1848085 | 50.0000 | 49.8902 |
| 47 Styrene | 104 | 10.661 | 10.662 | (1.068) | 3029729 | 50.0000 | 52.5541 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 307455 | 50.0000 | 50.0394 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.028 | (1.105) | 4887602 | 50.0000 | 55.5901 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 608669 | 50.0000 | 48.8110 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.306 | 11.307 | (1.133) | 614894 | 50.0000 | 48.3498 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.253 | (0.995) | 1712854 | 50.0000 | 49.7358 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1127421 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 1805139 | 50.0000 | 49.3587 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 948970 | 50.0000 | 49.1779 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.708 | (1.032) | 1548170 | 50.0000 | 50.1534 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.473 | (1.094) | 76532 | 50.0000 | 50.8406 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.272 | 14.274 | (1.159) | 692673 | 50.0000 | 46.0517 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.640 | 14.645 | (1.188) | 487385 | 50.0000 | 46.1018 |

## QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0867.D
Date : 28-JUN-2012 21:50
Client ID: VSTD0506Q
Sample Info: VSTD0506Q
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0886.D
Lab Smp Id: VSTD0506R  Client Smp ID: VSTD0506R
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Operator  : MST  Inst ID: vms06.i
Smp Info  : VSTD0506R
Misc Info : 1
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 44  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1112790 | 50.0000 | 48.5657 |
| 2 Chloromethane | 50 | 1.395 | 1.395 | (0.202) | 1799502 | 50.0000 | 48.4989 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1469817 | 50.0000 | 50.1569 |
| 3 Vinyl Chloride | 62 | 1.495 | 1.495 | (0.217) | 1966491 | 50.0000 | 51.0674 |
| 4 Bromomethane | 94 | 1.791 | 1.791 | (0.260) | 1050785 | 50.0000 | 52.2583 |
| $ 80 Chloroethane-d5 | 69 | 1.869 | 1.869 | (0.271) | 1335675 | 50.0000 | 49.1070 |
| 5 Chloroethane | 64 | 1.895 | 1.895 | (0.275) | 1244895 | 50.0000 | 49.2862 |
| 6 Trichlorofluoromethane | 101 | 2.153 | 2.153 | (0.312) | 2794679 | 50.0000 | 49.1866 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.692 | 2.692 | (0.390) | 2005238 | 50.0000 | 48.8437 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 943949 | 50.0000 | 50.8061 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.734 | 2.734 | (0.396) | 1040713 | 50.0000 | 49.7799 |
| 9 Acetone | 43 | 2.786 | 2.786 | (0.404) | 325708 | 100.000 | 76.5686 |
| 10 Carbon Disulfide | 76 | 2.939 | 2.939 | (0.426) | 2717247 | 50.0000 | 48.6831 |
| 11 Methyl Acetate | 43 | 3.225 | 3.225 | (0.467) | 202010 | 50.0000 | 50.5825 |
| 12 Methylene Chloride | 84 | 3.322 | 3.322 | (0.481) | 826165 | 50.0000 | 47.4584 |
| 13 trans-1,2-Dichloroethene | 96 | 3.720 | 3.720 | (0.539) | 897424 | 50.0000 | 48.2391 |
| 14 Methyl tert-Butyl ether | 73 | 3.762 | 3.762 | (0.545) | 1528402 | 50.0000 | 50.4755 |
| 15 1,1-Dichloroethane | 63 | 4.370 | 4.370 | (0.633) | 1713195 | 50.0000 | 48.1710 |
| $ 82 2-Butanone-d5 | 46 | 5.228 | 5.228 | (0.758) | 228377 | 100.000 | 106.793 |
| 17 cis-1,2-Dichloroethene | 96 | 5.248 | 5.248 | (0.761) | 873516 | 50.0000 | 48.4496 |
| 16 2-Butanone | 43 | 5.306 | 5.306 | (0.769) | 500018 | 100.000 | 97.5723 |
| 18 Bromochloromethane | 128 | 5.568 | 5.568 | (0.807) | 338398 | 50.0000 | 50.3361 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.689 | 5.689 | (0.824) | 1644121 | 50.0000 | 49.2878 |
| 19 Chloroform | 83 | 5.713 | 5.713 | (0.828) | 1673539 | 50.0000 | 50.0310 |
| 20 1,1,1-Trichloroethane | 97 | 5.928 | 5.928 | (0.594) | 1406434 | 50.0000 | 50.4031 |
| 21 Cyclohexane | 56 | 6.005 | 6.005 | (0.602) | 2056009 | 50.0000 | 49.8021 |
| 22 Carbon Tetrachloride | 117 | 6.147 | 6.147 | (0.616) | 1222382 | 50.0000 | 54.9026 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.323 | 6.323 | (0.917) | 872373 | 50.0000 | 51.0510 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 3719415 | 50.0000 | 50.7036 |
| 25 Benzene | 78 | 6.396 | 6.396 | (0.641) | 4106857 | 50.0000 | 50.8296 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1181566 | 50.0000 | 51.2530 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2856570 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.720) | 1088992 | 50.0000 | 53.4322 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 1047874 | 50.0000 | 50.5441 |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 1888849 | 50.0000 | 48.6526 |
| 29 1,2-Dichloropropane | 63 | 7.415 | 7.415 | (0.743) | 1024863 | 50.0000 | 51.0296 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.539 | 7.539 | (1.093) | 83972 | 1000.00 | 1498.41 |
| 93 1,4-Dioxane | 88 | 7.595 | 7.595 | (1.101) | 95543 | 1000.00 | 1238.53 |
| 30 Bromodichloromethane | 83 | 7.734 | 7.734 | (0.775) | 1073533 | 50.0000 | 50.6267 |
| 31 cis-1,3-Dichloropropene | 75 | 8.227 | 8.227 | (0.824) | 1290167 | 50.0000 | 50.9420 |
| 32 4-Methyl-2-Pentanone | 43 | 8.412 | 8.412 | (0.843) | 1099261 | 100.000 | 109.050 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3653865 | 50.0000 | 53.0854 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4466185 | 50.0000 | 53.1481 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 860758 | 50.0000 | 55.4100 |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.813 | (0.883) | 1049801 | 50.0000 | 54.9823 |
| 36 1,1,2-Trichloroethane | 97 | 8.992 | 8.992 | (0.901) | 596817 | 50.0000 | 52.4670 |
| 37 Tetrachloroethene | 164 | 9.150 | 9.150 | (0.917) | 844902 | 50.0000 | 49.3983 |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.228 | (0.925) | 286920 | 100.000 | 109.815 |
| 38 2-Hexanone | 43 | 9.277 | 9.277 | (0.929) | 660196 | 100.000 | 90.4782 |
| 39 Dibromochloromethane | 129 | 9.387 | 9.387 | (0.941) | 638756 | 50.0000 | 52.7537 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 545175 | 50.0000 | 51.1601 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2469891 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.009 | 10.009 | (1.003) | 2581059 | 50.0000 | 49.9976 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 5000979 | 50.0000 | 54.6128 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 1853671 | 50.0000 | 49.1307 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1795954 | 50.0000 | 49.2828 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 2975732 | 50.0000 | 52.4691 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 333282 | 50.0000 | 55.0939 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.028 | (1.105) | 4755813 | 50.0000 | 54.9836 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 648588 | 50.0000 | 52.8703 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.307 | 11.307 | (1.133) | 599699 | 50.0000 | 47.9330 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.253 | (0.995) | 1681392 | 50.0000 | 49.5883 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1110005 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 1782993 | 50.0000 | 49.5181 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 976307 | 50.0000 | 51.3884 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.708 | (1.032) | 1549223 | 50.0000 | 50.9750 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.473 | (1.094) | 85561 | 50.0000 | 57.7305 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.274 | 14.274 | (1.159) | 697791 | 50.0000 | 47.1199 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.645 | 14.645 | (1.189) | 525908 | 50.0000 | 50.5262 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0886.D
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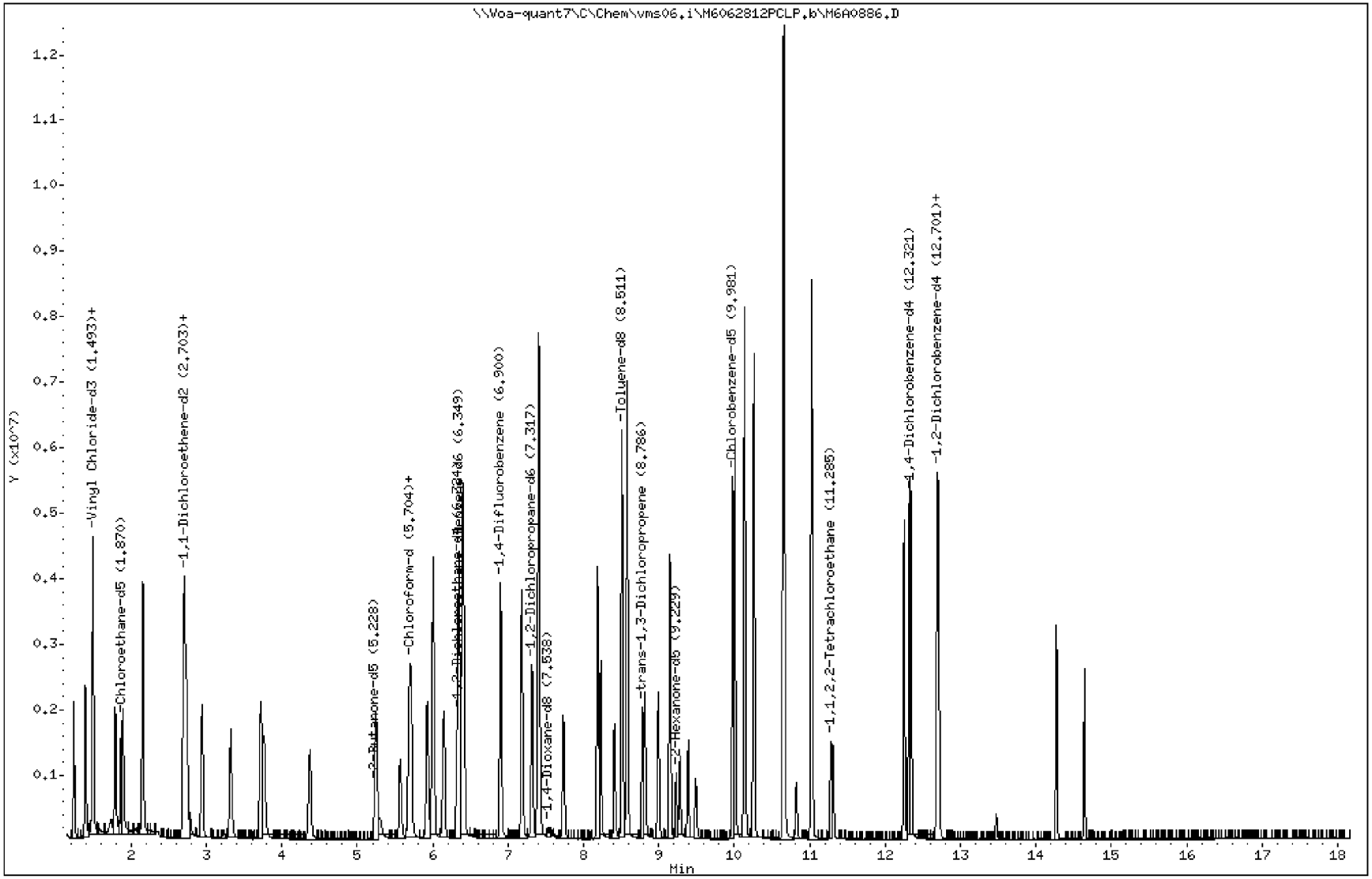
Sample Info: VSTD0506R
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0889.D
Lab Smp Id: VSTD0506S Client Smp ID: VSTD0506S
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Operator : MST Inst ID: vms06.i
Smp Info : VSTD0506S
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47 Cal File: M6A0796.D
Als bottle: 47 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1152923 | 50.0000 | 45.8206 |
| 2 Chloromethane | 50 | 1.394 | 1.396 | (0.202) | 1780146 | 50.0000 | 43.6897 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1495288 | 50.0000 | 46.4660 |
| 3 Vinyl Chloride | 62 | 1.495 | 1.495 | (0.217) | 1916368 | 50.0000 | 45.3184 |
| 4 Bromomethane | 94 | 1.793 | 1.793 | (0.260) | 1058972 | 50.0000 | 47.9590 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.870 | (0.271) | 1392232 | 50.0000 | 46.6120 |
| 5 Chloroethane | 64 | 1.896 | 1.896 | (0.275) | 1216880 | 50.0000 | 43.8716 |
| 6 Trichlorofluoromethane | 101 | 2.154 | 2.152 | (0.312) | 2754408 | 50.0000 | 44.1455 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.689 | 2.693 | (0.390) | 2258785 | 50.0000 | 50.1027 |
| 7 1,1-Dichloroethene | 96 | 2.703 | 2.707 | (0.392) | 982720 | 50.0000 | 48.1660 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.731 | 2.734 | (0.396) | 1078983 | 50.0000 | 46.9982 |
| 9 Acetone | 43 | 2.785 | 2.784 | (0.404) | 312900 | 100.000 | 66.9840 |
| 10 Carbon Disulfide | 76 | 2.935 | 2.940 | (0.426) | 2833236 | 50.0000 | 46.2248 |
| 11 Methyl Acetate | 43 | 3.223 | 3.225 | (0.467) | 192164 | 50.0000 | 43.8171 |
| 12 Methylene Chloride | 84 | 3.318 | 3.323 | (0.481) | 942537 | 50.0000 | 49.3047 |
| 13 trans-1,2-Dichloroethene | 96 | 3.715 | 3.718 | (0.539) | 939622 | 50.0000 | 45.9937 |
| 14 Methyl tert-Butyl ether | 73 | 3.762 | 3.758 | (0.546) | 1519407 | 50.0000 | 45.6942 |
| 15 1,1-Dichloroethane | 63 | 4.366 | 4.369 | (0.633) | 1772004 | 50.0000 | 45.3719 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.226 | (0.758) | 221845 | 100.000 | 94.4676 |
| 17 cis-1,2-Dichloroethene | 96 | 5.245 | 5.247 | (0.761) | 938138 | 50.0000 | 47.3838 |
| 16 2-Butanone | 43 | 5.307 | 5.305 | (0.770) | 439490 | 100.000 | 78.0968 |
| 18 Bromochloromethane | 128 | 5.567 | 5.569 | (0.807) | 352935 | 50.0000 | 47.8068 |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.685 | 5.687 | (0.824) | 1866273 | 50.0000 | 50.9477 |
| 19 Chloroform | 83 | 5.709 | 5.712 | (0.828) | 1748208 | 50.0000 | 47.5927 |
| 20 1,1,1-Trichloroethane | 97 | 5.925 | 5.928 | (0.594) | 1433126 | 50.0000 | 45.2812(Q) |
| 21 Cyclohexane | 56 | 6.002 | 6.004 | (0.601) | 2059532 | 50.0000 | 43.9832 |
| 22 Carbon Tetrachloride | 117 | 6.143 | 6.146 | (0.616) | 1217313 | 50.0000 | 48.2041 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.321 | (0.916) | 948617 | 50.0000 | 50.5518 |
| $ 84 Benzene-d6 | 84 | 6.346 | 6.349 | (0.636) | 4082364 | 50.0000 | 49.0650 |
| 25 Benzene | 78 | 6.393 | 6.396 | (0.641) | 4213955 | 50.0000 | 45.9825 |
| 24 1,2-Dichloroethane | 62 | 6.411 | 6.415 | (0.930) | 1228774 | 50.0000 | 48.5374 |
| * 26 1,4-Difluorobenzene | 114 | 6.897 | 6.899 | (1.000) | 3136904 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.179 | 7.181 | (0.719) | 1011619 | 50.0000 | 43.7614 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.314 | 7.316 | (0.733) | 1162972 | 50.0000 | 49.4568 |
| 28 Methylcyclohexane | 83 | 7.400 | 7.405 | (0.742) | 1952634 | 50.0000 | 44.3430 |
| 29 1,2-Dichloropropane | 63 | 7.412 | 7.414 | (0.743) | 1062881 | 50.0000 | 46.6591 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.539 | 7.536 | (1.093) | 79117 | 1000.00 | 1285.61(Q) |
| 93 1,4-Dioxane | 88 | 7.594 | 7.594 | (1.101) | 87133 | 1000.00 | 1028.57 |
| 30 Bromodichloromethane | 83 | 7.733 | 7.733 | (0.775) | 1140263 | 50.0000 | 47.4094 |
| 31 cis-1,3-Dichloropropene | 75 | 8.225 | 8.226 | (0.824) | 1415656 | 50.0000 | 49.2814 |
| 32 4-Methyl-2-Pentanone | 43 | 8.411 | 8.411 | (0.843) | 1020332 | 100.000 | 89.2407 |
| $ 33 Toluene-d8 | 98 | 8.508 | 8.511 | (0.853) | 4028099 | 50.0000 | 51.5963 |
| 34 Toluene | 91 | 8.577 | 8.579 | (0.859) | 4624448 | 50.0000 | 48.5184 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.782 | 8.783 | (0.880) | 981999 | 50.0000 | 55.7332 |
| 35 trans-1,3-Dichloropropene | 75 | 8.811 | 8.813 | (0.883) | 1130793 | 50.0000 | 52.2149 |
| 36 1,1,2-Trichloroethane | 97 | 8.990 | 8.991 | (0.901) | 598367 | 50.0000 | 46.3776 |
| 37 Tetrachloroethene | 164 | 9.147 | 9.149 | (0.917) | 860170 | 50.0000 | 44.3389 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.227 | (0.925) | 276871 | 100.000 | 93.4271 |
| 38 2-Hexanone | 43 | 9.275 | 9.277 | (0.929) | 609462 | 100.000 | 73.6399 |
| 39 Dibromochloromethane | 129 | 9.385 | 9.387 | (0.940) | 651371 | 50.0000 | 47.4288 |
| 40 1,2-Dibromoethane | 107 | 9.490 | 9.491 | (0.951) | 545245 | 50.0000 | 45.1110 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2801446 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.008 | 10.008 | (1.003) | 2739832 | 50.0000 | 46.7919 |
| 44 Ethylbenzene | 91 | 10.135 | 10.137 | (1.016) | 5070483 | 50.0000 | 48.8185 |
| 45 m,p-Xylene | 106 | 10.257 | 10.258 | (1.028) | 1959687 | 50.0000 | 45.7934 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1892684 | 50.0000 | 45.7904 |
| 47 Styrene | 104 | 10.661 | 10.662 | (1.068) | 3118495 | 50.0000 | 48.4787 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 330054 | 50.0000 | 47.1792 |
| 49 Isopropylbenzene | 105 | 11.027 | 11.027 | (1.105) | 4943952 | 50.0000 | 50.3940 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.281 | (1.130) | 694570 | 50.0000 | 49.9177 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.306 | 11.306 | (1.133) | 656478 | 50.0000 | 46.2612 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.253 | (0.995) | 1805641 | 50.0000 | 46.0485 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.318 | (1.000) | 1283663 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.341 | 12.342 | (1.002) | 1898423 | 50.0000 | 45.5912 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 1049864 | 50.0000 | 47.7843 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.707 | (1.032) | 1597232 | 50.0000 | 45.4449 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.473 | 13.472 | (1.094) | 77825 | 50.0000 | 45.4069 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.275 | 14.273 | (1.159) | 717649 | 50.0000 | 41.9049 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.649 | 14.641 | (1.189) | 528290 | 50.0000 | 43.8887 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0889.D
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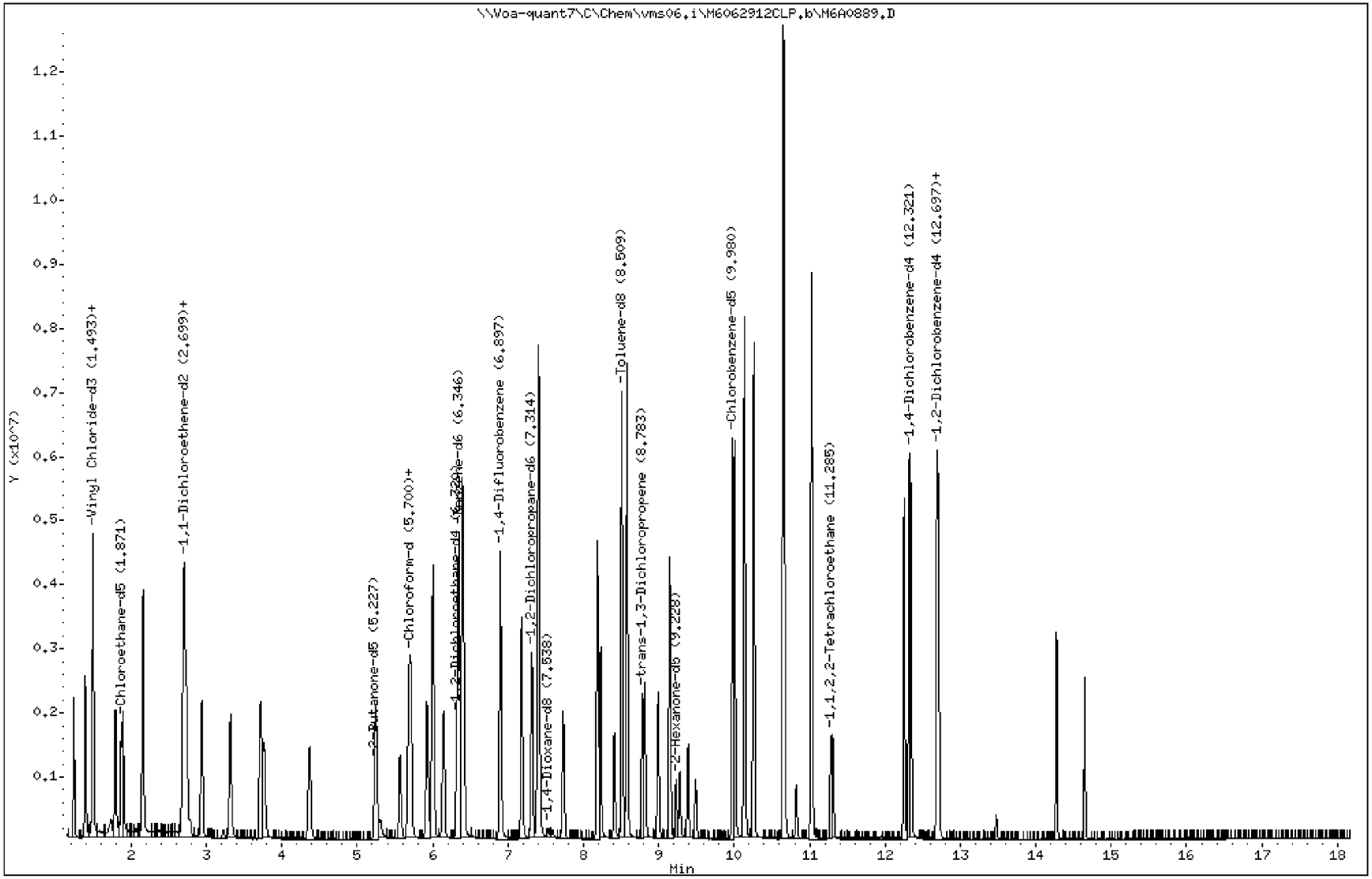
Sample Info: VSTD0506S
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0908.D
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Operator : MST  Inst ID: vms06.i
Smp Info : VSTD0506T
Misc Info : 1
Comment :
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Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 22  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1206462 | 50.0000 | 50.8463 |
| 2 Chloromethane | 50 | 1.396 | 1.396 | (0.202) | 1875417 | 50.0000 | 48.8098 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.488 | 1.489 | (0.216) | 1316096 | 50.0000 | 43.3694 |
| 3 Vinyl Chloride | 62 | 1.494 | 1.495 | (0.217) | 2066526 | 50.0000 | 51.8229 |
| 4 Bromomethane | 94 | 1.791 | 1.793 | (0.260) | 1083726 | 50.0000 | 52.0464 |
| $ 80 Chloroethane-d5 | 69 | 1.869 | 1.870 | (0.271) | 1233771 | 50.0000 | 43.8032 |
| 5 Chloroethane | 64 | 1.895 | 1.896 | (0.275) | 1271004 | 50.0000 | 48.5924 |
| 6 Trichlorofluoromethane | 101 | 2.152 | 2.152 | (0.312) | 1920699 | 50.0000 | 32.6440 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.693 | 2.693 | (0.390) | 2026168 | 50.0000 | 47.6592 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1020575 | 50.0000 | 53.0446(Q) |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.735 | 2.734 | (0.396) | 1113721 | 50.0000 | 51.4432 |
| 9 Acetone | 43 | 2.784 | 2.784 | (0.404) | 292649 | 100.000 | 66.4352 |
| 10 Carbon Disulfide | 76 | 2.941 | 2.940 | (0.426) | 2934814 | 50.0000 | 50.7760 |
| 11 Methyl Acetate | 43 | 3.224 | 3.225 | (0.467) | 178244 | 50.0000 | 43.0995 |
| 12 Methylene Chloride | 84 | 3.323 | 3.323 | (0.482) | 892821 | 50.0000 | 49.5268 |
| 13 trans-1,2-Dichloroethene | 96 | 3.719 | 3.718 | (0.539) | 1003645 | 50.0000 | 52.0968 |
| 14 Methyl tert-Butyl ether | 73 | 3.758 | 3.758 | (0.545) | 1522174 | 50.0000 | 48.5441 |
| 15 1,1-Dichloroethane | 63 | 4.368 | 4.369 | (0.633) | 1743875 | 50.0000 | 47.3504 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.226 | (0.757) | 200058 | 100.000 | 90.3389 |
| 17 cis-1,2-Dichloroethene | 96 | 5.246 | 5.247 | (0.760) | 956447 | 50.0000 | 51.2282 |
| 16 2-Butanone | 43 | 5.303 | 5.305 | (0.769) | 493900 | 100.000 | 93.0699 |
| 18 Bromochloromethane | 128 | 5.568 | 5.569 | (0.807) | 359310 | 50.0000 | 51.6119 |

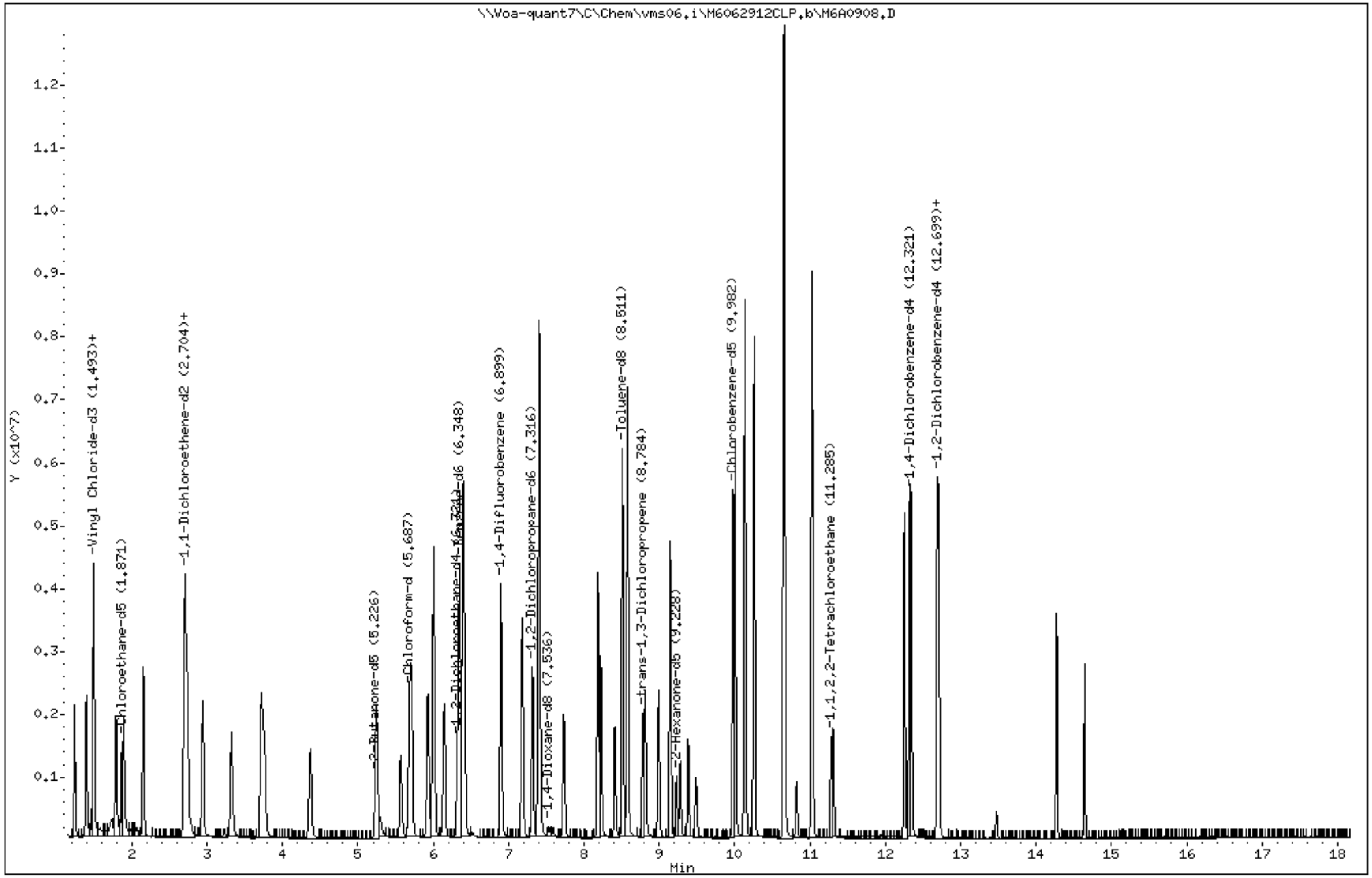
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.687 | 5.687 | (0.824) | 1736568 | 50.0000 | 50.2721 |
| 19 Chloroform | 83 | 5.711 | 5.712 | (0.828) | 1766648 | 50.0000 | 51.0015 |
| 20 1,1,1-Trichloroethane | 97 | 5.928 | 5.928 | (0.594) | 1512051 | 50.0000 | 53.0753 |
| 21 Cyclohexane | 56 | 6.004 | 6.004 | (0.602) | 2225979 | 50.0000 | 52.8118 |
| 22 Carbon Tetrachloride | 117 | 6.147 | 6.146 | (0.616) | 1359566 | 50.0000 | 59.8101 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.321 | (0.916) | 873871 | 50.0000 | 49.3831 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 3790961 | 50.0000 | 50.6176 |
| 25 Benzene | 78 | 6.395 | 6.396 | (0.641) | 4338078 | 50.0000 | 52.5887 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1232876 | 50.0000 | 51.6428 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2958119 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.720) | 1068286 | 50.0000 | 51.3398 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1069214 | 50.0000 | 50.5143 |
| 28 Methylcyclohexane | 83 | 7.400 | 7.405 | (0.741) | 2059394 | 50.0000 | 51.9560 |
| 29 1,2-Dichloropropane | 63 | 7.414 | 7.414 | (0.743) | 1084835 | 50.0000 | 52.9064 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.536 | (1.092) | 79843 | 1000.00 | 1375.82(Q) |
| 93 1,4-Dioxane | 88 | 7.593 | 7.594 | (1.101) | 107100 | 1000.00 | 1340.69 |
| 30 Bromodichloromethane | 83 | 7.734 | 7.733 | (0.775) | 1146872 | 50.0000 | 52.9745 |
| 31 cis-1,3-Dichloropropene | 75 | 8.226 | 8.226 | (0.824) | 1447934 | 50.0000 | 55.9973 |
| 32 4-Methyl-2-Pentanone | 43 | 8.410 | 8.411 | (0.843) | 1145324 | 100.000 | 111.286 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3670035 | 50.0000 | 52.2253 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4705460 | 50.0000 | 54.8455 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.783 | (0.880) | 897719 | 50.0000 | 56.6025(Q) |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.813 | (0.883) | 1126460 | 50.0000 | 57.7856 |
| 36 1,1,2-Trichloroethane | 97 | 8.991 | 8.991 | (0.901) | 631035 | 50.0000 | 54.3359 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.149 | (0.917) | 889797 | 50.0000 | 50.9547 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.227 | (0.924) | 286464 | 100.000 | 107.388 |
| 38 2-Hexanone | 43 | 9.275 | 9.277 | (0.929) | 763122 | 100.000 | 102.436 |
| 39 Dibromochloromethane | 129 | 9.386 | 9.387 | (0.940) | 672615 | 50.0000 | 54.4092 |
| 40 1,2-Dibromoethane | 107 | 9.489 | 9.491 | (0.951) | 577518 | 50.0000 | 53.0822 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2521679 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.009 | 10.008 | (1.003) | 2704131 | 50.0000 | 51.3059 |
| 44 Ethylbenzene | 91 | 10.136 | 10.137 | (1.016) | 5207424 | 50.0000 | 55.6994 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 1998663 | 50.0000 | 51.8857 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1903136 | 50.0000 | 51.1515 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 3119550 | 50.0000 | 53.8754 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 344331 | 50.0000 | 53.6855 |
| 49 Isopropylbenzene | 105 | 11.028 | 11.027 | (1.105) | 5085278 | 50.0000 | 57.5853 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.281 | (1.130) | 697616 | 50.0000 | 55.6990 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.306 | 11.306 | (1.133) | 700457 | 50.0000 | 54.8366 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.253 | (0.995) | 1772109 | 50.0000 | 49.2935 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.318 | (1.000) | 1176890 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.343 | 12.342 | (1.002) | 1859308 | 50.0000 | 48.7029 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 993930 | 50.0000 | 49.3428 |
| 54 1,2-Dichlorobenzene | 146 | 12.708 | 12.707 | (1.032) | 1628643 | 50.0000 | 50.5426 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.471 | 13.472 | (1.094) | 93254 | 50.0000 | 59.3452 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.274 | 14.273 | (1.159) | 763423 | 50.0000 | 48.6220 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.646 | 14.641 | (1.189) | 569662 | 50.0000 | 51.6194 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0908.D
Date : 29-JUN-2012 17:47
Client ID: VSTD0506T
Sample Info: VSTD0506T
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0930.D
Lab Smp Id: VSTD0506U  Client Smp ID: VSTD0506U
Inj Date : 30-JUN-2012 03:10  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VSTD0506U
Misc Info :
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 44  Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.241 | 1.241 | (0.180) | 1256282 | 50.0000 | 47.9295 |
| 2 Chloromethane | 50 | 1.396 | 1.396 | (0.202) | 1879341 | 50.0000 | 44.2777 |
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1306817 | 50.0000 | 38.9836 |
| 3 Vinyl Chloride | 62 | 1.495 | 1.495 | (0.217) | 2036268 | 50.0000 | 46.2260 |
| 4 Bromomethane | 94 | 1.793 | 1.793 | (0.260) | 938798 | 50.0000 | 40.8144 |
| $ 80 Chloroethane-d5 | 69 | 1.870 | 1.870 | (0.271) | 1282600 | 50.0000 | 41.2224 |
| 5 Chloroethane | 64 | 1.896 | 1.896 | (0.275) | 1290047 | 50.0000 | 44.6476 |
| 6 Trichlorofluoromethane | 101 | 2.152 | 2.152 | (0.312) | 2896751 | 50.0000 | 44.5683 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.693 | 2.693 | (0.390) | 2166302 | 50.0000 | 46.1276 |
| 7 1,1-Dichloroethene | 96 | 2.707 | 2.707 | (0.392) | 1088283 | 50.0000 | 51.2046 |
| 8 1,1,2-Trichloro-1,2,2-trifluo | 101 | 2.734 | 2.734 | (0.396) | 1162309 | 50.0000 | 48.6009 |
| 9 Acetone | 43 | 2.784 | 2.784 | (0.404) | 310641 | 100.000 | 63.8382 |
| 10 Carbon Disulfide | 76 | 2.940 | 2.940 | (0.426) | 3107820 | 50.0000 | 48.6748 |
| 11 Methyl Acetate | 43 | 3.225 | 3.225 | (0.467) | 172776 | 50.0000 | 37.8191 |
| 12 Methylene Chloride | 84 | 3.323 | 3.323 | (0.482) | 968183 | 50.0000 | 48.6188 |
| 13 trans-1,2-Dichloroethene | 96 | 3.718 | 3.718 | (0.539) | 1061345 | 50.0000 | 49.8722 |
| 14 Methyl tert-Butyl ether | 73 | 3.758 | 3.758 | (0.545) | 1622974 | 50.0000 | 46.8548 |
| 15 1,1-Dichloroethane | 63 | 4.369 | 4.369 | (0.633) | 1904483 | 50.0000 | 46.8118 |
| $ 82 2-Butanone-d5 | 46 | 5.226 | 5.226 | (0.757) | 239273 | 100.000 | 97.8100 |
| 17 cis-1,2-Dichloroethene | 96 | 5.247 | 5.247 | (0.761) | 1043636 | 50.0000 | 50.6020 |
| 16 2-Butanone | 43 | 5.305 | 5.305 | (0.769) | 526766 | 100.000 | 89.8583 |
| 18 Bromochloromethane | 128 | 5.569 | 5.569 | (0.807) | 399092 | 50.0000 | 51.8949 |

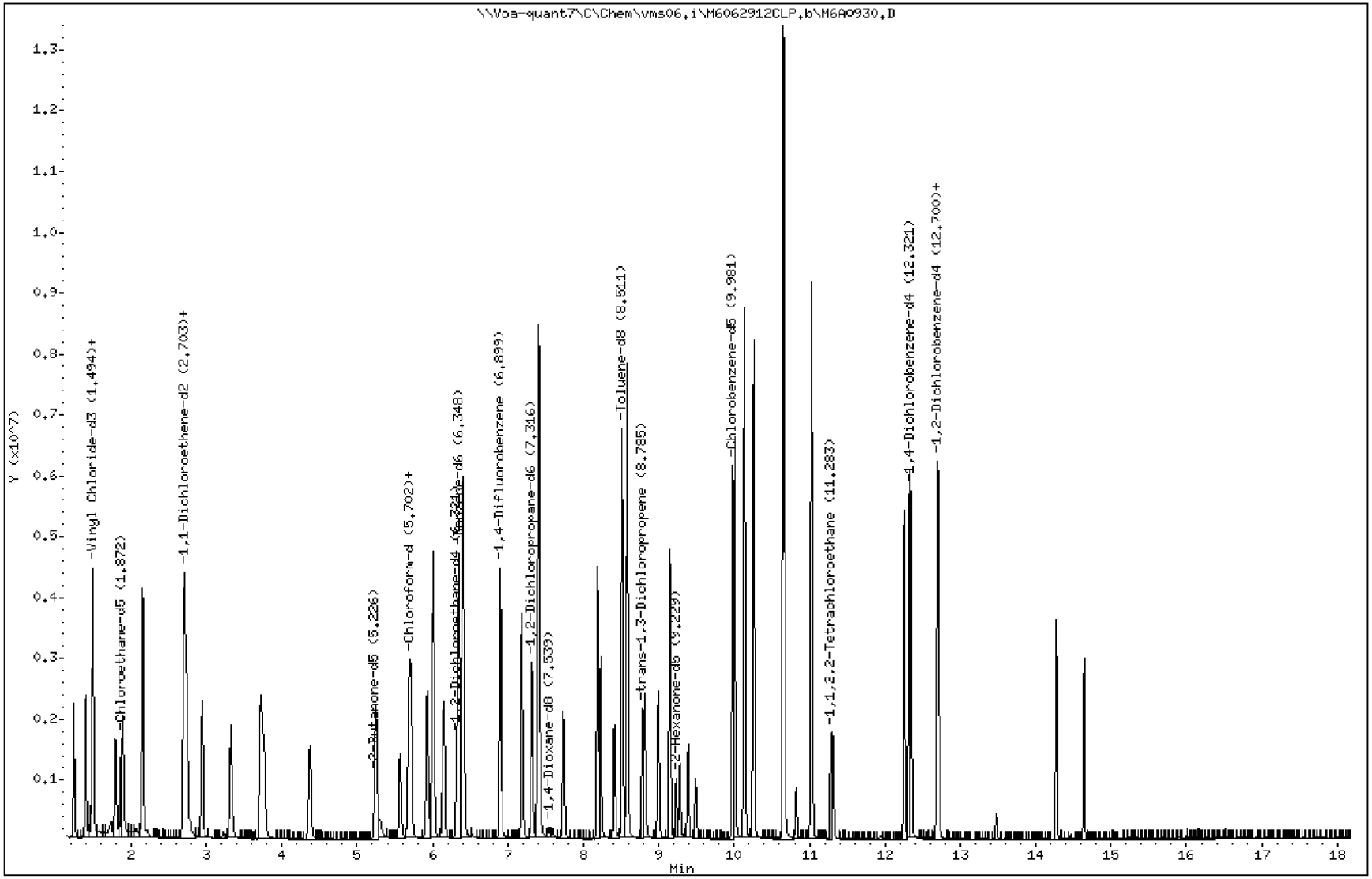
| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | ON-COL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 83 Chloroform-d | 84 | 5.687 | 5.687 | (0.824) | 1899160 | 50.0000 | 49.7699 |
| 19 Chloroform | 83 | 5.712 | 5.712 | (0.828) | 1856005 | 50.0000 | 48.5045 |
| 20 1,1,1-Trichloroethane | 97 | 5.928 | 5.928 | (0.594) | 1636684 | 50.0000 | 51.4551 |
| 21 Cyclohexane | 56 | 6.004 | 6.004 | (0.602) | 2316769 | 50.0000 | 49.2301 |
| 22 Carbon Tetrachloride | 117 | 6.146 | 6.146 | (0.616) | 1427706 | 50.0000 | 56.2536 |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.321 | (0.916) | 949237 | 50.0000 | 48.5597 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 4075669 | 50.0000 | 48.7404 |
| 25 Benzene | 78 | 6.396 | 6.396 | (0.641) | 4593534 | 50.0000 | 49.8746 |
| 24 1,2-Dichloroethane | 62 | 6.415 | 6.415 | (0.930) | 1302222 | 50.0000 | 49.3794 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 3267722 | 50.0000 | |
| 27 Trichloroethene | 95 | 7.181 | 7.181 | (0.719) | 1124310 | 50.0000 | 48.3939 |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.316 | 7.316 | (0.733) | 1150902 | 50.0000 | 48.6996 |
| 28 Methylcyclohexane | 83 | 7.405 | 7.405 | (0.742) | 2115513 | 50.0000 | 47.8024 |
| 29 1,2-Dichloropropane | 63 | 7.414 | 7.414 | (0.743) | 1147142 | 50.0000 | 50.1071 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.536 | (1.092) | 93973 | 1000.00 | 1465.88 |
| 93 1,4-Dioxane | 88 | 7.594 | 7.594 | (1.101) | 110647 | 1000.00 | 1253.86 |
| 30 Bromodichloromethane | 83 | 7.733 | 7.733 | (0.775) | 1235160 | 50.0000 | 51.0991 |
| 31 cis-1,3-Dichloropropene | 75 | 8.226 | 8.226 | (0.824) | 1415776 | 50.0000 | 49.0400 |
| 32 4-Methyl-2-Pentanone | 43 | 8.411 | 8.411 | (0.843) | 1192674 | 100.000 | 103.794 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3934144 | 50.0000 | 50.1417 |
| 34 Toluene | 91 | 8.579 | 8.579 | (0.860) | 4942096 | 50.0000 | 51.5927 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.783 | (0.880) | 954107 | 50.0000 | 53.8803(Q) |
| 35 trans-1,3-Dichloropropene | 75 | 8.813 | 8.813 | (0.883) | 1128694 | 50.0000 | 51.8582 |
| 36 1,1,2-Trichloroethane | 97 | 8.991 | 8.991 | (0.901) | 668784 | 50.0000 | 51.5771 |
| 37 Tetrachloroethene | 164 | 9.149 | 9.149 | (0.917) | 950975 | 50.0000 | 48.7753 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.227 | (0.924) | 304021 | 100.000 | 102.077 |
| 38 2-Hexanone | 43 | 9.277 | 9.277 | (0.929) | 724472 | 100.000 | 87.1000 |
| 39 Dibromochloromethane | 129 | 9.387 | 9.387 | (0.940) | 695948 | 50.0000 | 50.4221 |
| 40 1,2-Dibromoethane | 107 | 9.491 | 9.491 | (0.951) | 609611 | 50.0000 | 50.1850 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2815478 | 50.0000 | |
| 43 Chlorobenzene | 112 | 10.008 | 10.008 | (1.003) | 2848276 | 50.0000 | 48.4015 |
| 44 Ethylbenzene | 91 | 10.137 | 10.137 | (1.016) | 5502211 | 50.0000 | 52.7112 |
| 45 m,p-Xylene | 106 | 10.258 | 10.258 | (1.028) | 2097930 | 50.0000 | 48.7795 |
| 46 o-Xylene | 106 | 10.652 | 10.652 | (1.067) | 1982292 | 50.0000 | 47.7193 |
| 47 Styrene | 104 | 10.662 | 10.662 | (1.068) | 3271158 | 50.0000 | 50.5985 |
| 48 Bromoform | 173 | 10.823 | 10.823 | (0.879) | 324075 | 50.0000 | 47.0871 |
| 49 Isopropylbenzene | 105 | 11.027 | 11.027 | (1.105) | 5302756 | 50.0000 | 53.7819 |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.281 | (1.130) | 737828 | 50.0000 | 52.7623 |
| 51 1,1,2,2-Tetrachloroethane | 83 | 11.306 | 11.306 | (1.133) | 737741 | 50.0000 | 51.7286 |
| 52 1,3-Dichlorobenzene | 146 | 12.253 | 12.253 | (0.995) | 1872694 | 50.0000 | 48.5447 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.318 | (1.000) | 1262875 | 50.0000 | |
| 53 1,4-Dichlorobenzene | 146 | 12.342 | 12.342 | (1.002) | 1970986 | 50.0000 | 48.1130 |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 1048611 | 50.0000 | 48.5129 |
| 54 1,2-Dichlorobenzene | 146 | 12.707 | 12.707 | (1.032) | 1710627 | 50.0000 | 49.4724 |
| 55 1,2-Dibromo-3-chloropropane | 75 | 13.472 | 13.472 | (1.094) | 91683 | 50.0000 | 54.3729 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.273 | 14.273 | (1.159) | 806827 | 50.0000 | 47.8877 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.641 | 14.641 | (1.189) | 600234 | 50.0000 | 50.6864 |

## QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0930.D
Date : 30-JUN-2012 03:10
Client ID: VSTD0506U
Sample Info: VSTD0506U
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0794.D
Report Date: 06-Jul-2012 19:04

PEL Laboratories, Inc.

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0794.D
Lab Smp Id: BFB6L  Client Smp ID: BFB6L
Inj Date : 27-JUN-2012 05:41
Operator : MST  Inst ID: vms06.i
Smp Info : BFB6L
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\BFBMEDclp.m
Meth Date : 06-Jul-2012 17:25 methree  Quant Type: ISTD
Cal Date : 22-JUN-2012 06:25  Cal File: M6A0741.D
Als bottle: 2  QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE  Compound Sublist: all.sub
Target Version: 4.14  Sample Matrix: WATER

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample Volume (ml) |
| Cpnd Variable | | Local Compound Variable |

| RT | EXP RT | REL RT | MASS | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|---|
| 1 bfb | | | | | | CAS #: 460-00-4 | | |
| 11.162 | 11.160 | ( 0.000) | 95 | 190912 | | | 0.00- 100.00 | 100.00 |
| 11.162 | 11.160 | ( 0.000) | 50 | 48248 | | | 15.00- 40.00 | 25.27 |
| 11.162 | 11.160 | ( 0.000) | 75 | 110336 | | | 30.00- 80.00 | 57.79 |
| 11.162 | 11.160 | ( 0.000) | 96 | 12851 | | | 5.00- 9.00 | 6.73 |
| 11.162 | 11.160 | ( 0.000) | 173 | 0 | 0.0 | 0.0 | 0.00- 2.00 | 0.00 |
| 11.162 | 11.160 | ( 0.000) | 174 | 143616 | | | 50.00- 120.00 | 75.23 |
| 11.162 | 11.160 | ( 0.000) | 175 | 9909 | | | 5.00- 9.00 | 6.90 |
| 11.162 | 11.160 | ( 0.000) | 176 | 142080 | | | 95.00- 101.00 | 98.93 |
| 11.162 | 11.160 | ( 0.000) | 177 | 10237 | | | 5.00- 9.00 | 7.21 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0794.D

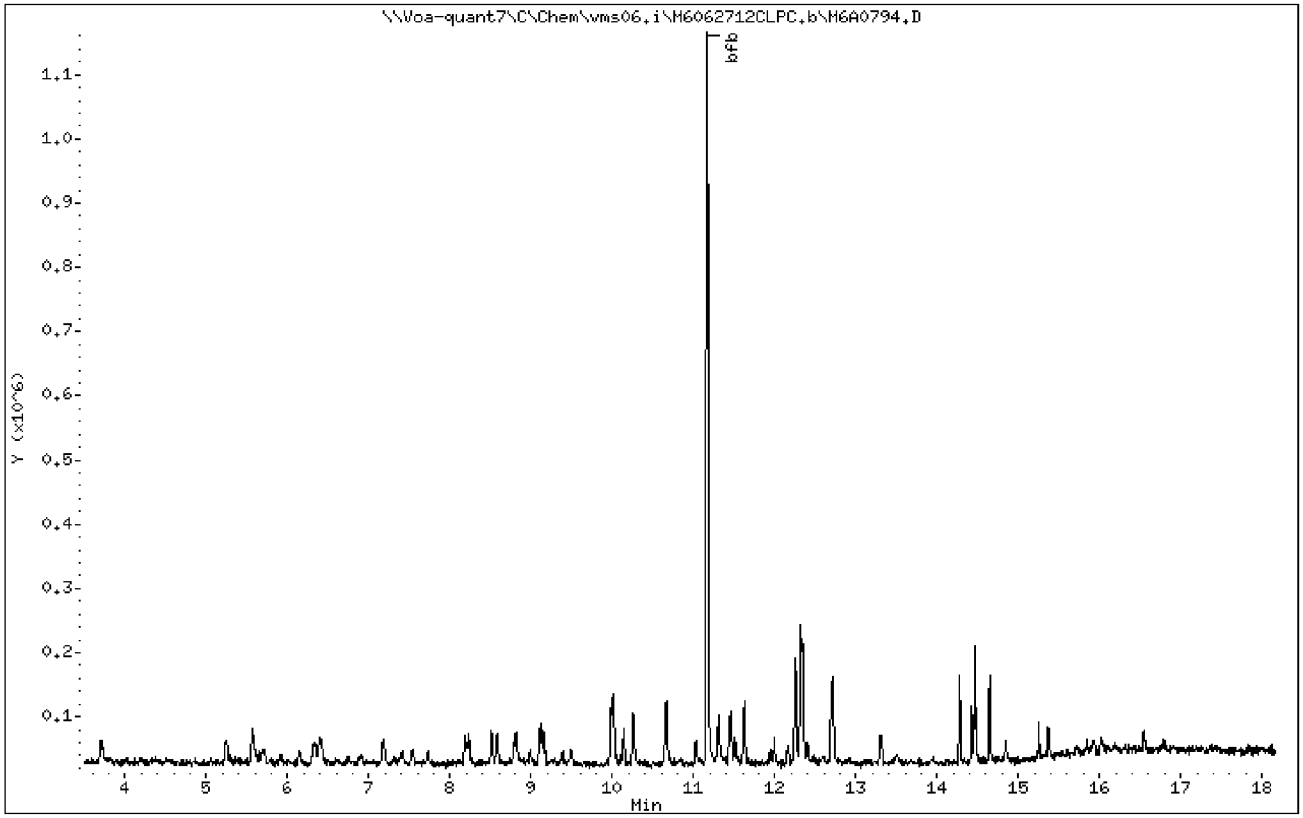
Date : 27-JUN-2012 05:41

Client ID: BFB6L | Instrument: vms06.i

Sample Info: BFB6L

Purge Volume: 5.0 | Operator: MST

Column phase: DB-624 | Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0794.D

Date : 27-JUN-2012 05:41

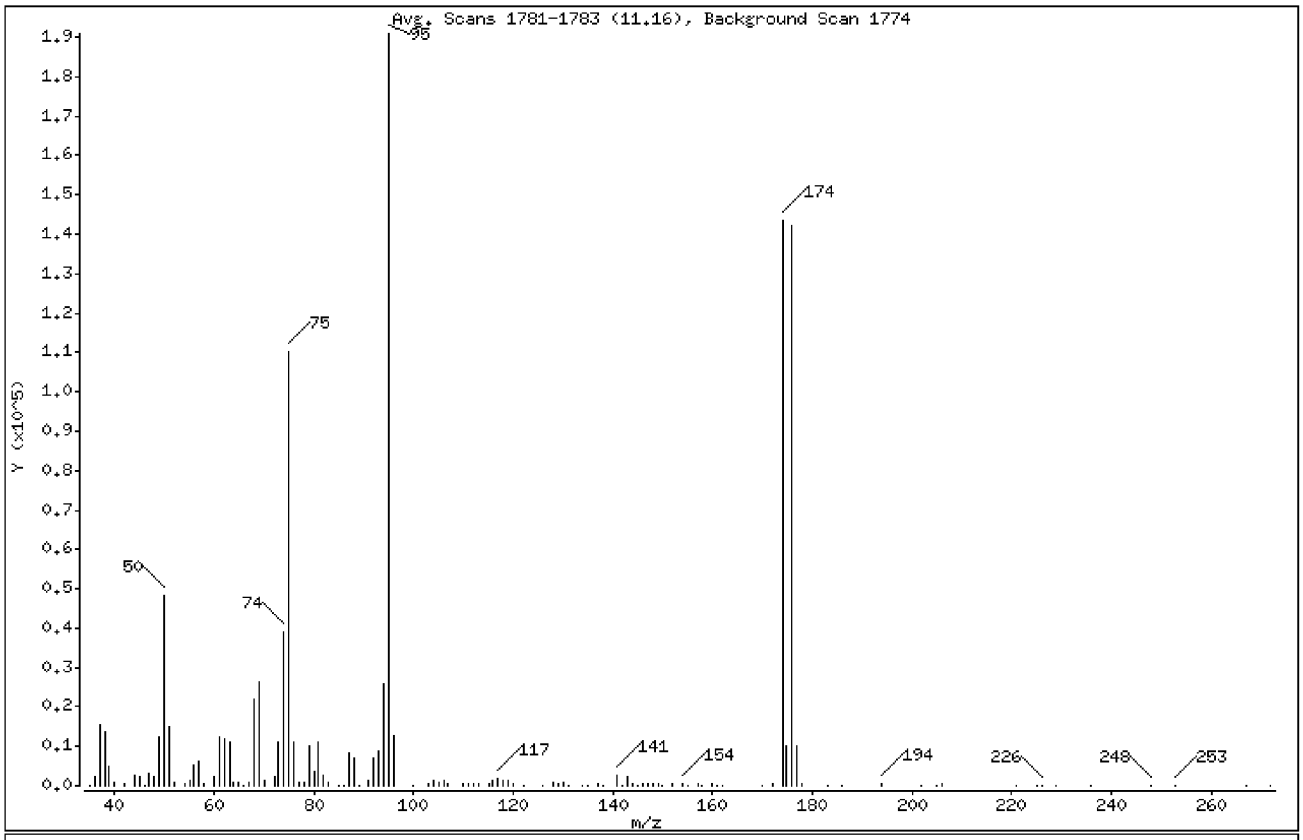
Client ID: BFB6L | Instrument: vms06.i

Sample Info: BFB6L

Purge Volume: 5.0 | Operator: MST

Column phase: DB-624 | Column diameter: 0.18

1 bfb




| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | Base Peak, 100% relative abundance | 100.00 |
| 50 | 15.00 - 40.00% of mass 95 | 25.27 |
| 75 | 30.00 - 80.00% of mass 95 | 57.79 |
| 96 | 5.00 - 9.00% of mass 95 | 6.73 |
| 173 | Less than 2.00% of mass 174 | 0.00 ( 0.00) |
| 174 | 50.00 - 120.00% of mass 95 | 75.23 |
| 175 | 5.00 - 9.00% of mass 174 | 5.19 ( 6.90) |
| 176 | 95.00 - 101.00% of mass 174 | 74.42 ( 98.93) |
| 177 | 5.00 - 9.00% of mass 176 | 5.36 ( 7.21) |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062712CLPC.b\M6A0794.D

Date : 27-JUN-2012 05:41

Client ID: BFB6L | Instrument: vms06.i

Sample Info: BFB6L

Purge Volume: 5.0 | Operator: MST

Column phase: DB-624 | Column diameter: 0.18

Data File: M6A0794.D
Spectrum: Avg. Scans 1781-1783 (11.16), Background Scan 1774
Location of Maximum: 95.00
Number of points: 121

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 35.00 | 158 | 70.00 | 1437 | 111.00 | 485 | 155.00 | 213 |
| 36.00 | 2156 | 72.00 | 2101 | 112.00 | 289 | 157.00 | 424 |
| 37.00 | 15539 | 73.00 | 10917 | 113.00 | 255 | 158.00 | 117 |
| 38.00 | 13762 | 74.00 | 39104 | 115.00 | 503 | 160.00 | 258 |
| 39.00 | 4992 | 75.00 | 110336 | 116.00 | 1372 | 161.00 | 151 |
| 40.00 | 972 | 76.00 | 10763 | 117.00 | 1809 | 162.00 | 104 |
| 42.00 | 466 | 77.00 | 681 | 118.00 | 1415 | 170.00 | 113 |
| 44.00 | 2839 | 78.00 | 690 | 119.00 | 1453 | 172.00 | 480 |
| 45.00 | 2165 | 79.00 | 10170 | 120.00 | 325 | 174.00 | 143616 |
| 46.00 | 114 | 80.00 | 3556 | 122.00 | 88 | 175.00 | 9909 |
| 47.00 | 2889 | 81.00 | 10909 | 126.00 | 197 | 176.00 | 142080 |
| 48.00 | 2006 | 82.00 | 2835 | 128.00 | 1003 | 177.00 | 10237 |
| 49.00 | 12446 | 83.00 | 808 | 129.00 | 643 | 178.00 | 263 |
| 50.00 | 48248 | 85.00 | 91 | 130.00 | 800 | 183.00 | 89 |
| 51.00 | 14823 | 86.00 | 157 | 131.00 | 123 | 186.00 | 94 |
| 52.00 | 1068 | 87.00 | 8285 | 134.00 | 140 | 194.00 | 276 |
| 54.00 | 379 | 88.00 | 6851 | 135.00 | 172 | 202.00 | 90 |
| 55.00 | 1170 | 89.00 | 194 | 137.00 | 271 | 205.00 | 120 |
| 56.00 | 5374 | 91.00 | 1338 | 138.00 | 96 | 206.00 | 221 |
| 57.00 | 6266 | 92.00 | 6976 | 141.00 | 2685 | 221.00 | 88 |
| 58.00 | 523 | 93.00 | 8980 | 142.00 | 141 | 225.00 | 83 |
| 60.00 | 2362 | 94.00 | 25888 | 143.00 | 2298 | 226.00 | 91 |
| 61.00 | 12166 | 95.00 | 190912 | 144.00 | 280 | 229.00 | 85 |
| 62.00 | 12052 | 96.00 | 12851 | 145.00 | 96 | 236.00 | 99 |
| 63.00 | 10757 | 100.00 | 140 | 146.00 | 622 | 248.00 | 101 |
| 64.00 | 708 | 103.00 | 348 | 147.00 | 286 | 253.00 | 109 |
| 65.00 | 675 | 104.00 | 1300 | 148.00 | 555 | 267.00 | 96 |
| 66.00 | 193 | 105.00 | 750 | 149.00 | 282 | 272.00 | 95 |
| 67.00 | 907 | 106.00 | 1228 | 150.00 | 178 | | |
| 68.00 | 22016 | 107.00 | 525 | 152.00 | 252 | | |
| 69.00 | 26128 | 110.00 | 557 | 154.00 | 485 | | |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0842.D
Report Date: 06-Jul-2012 18:41

PEL Laboratories, Inc.

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0842.D
Lab Smp Id: BFB6M  Client Smp ID: BFB6M
Inj Date : 28-JUN-2012 11:27
Operator : PEL  Inst ID: vms06.i
Smp Info : BFB6M
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\BFBMEDclp.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 22-JUN-2012 06:25  Cal File: M6A0741.D
Als bottle: 2  QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE  Compound Sublist: all.sub
Target Version: 4.14  Sample Matrix: WATER

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample Volume (ml) |
| Cpnd Variable | | Local Compound Variable |

| RT | EXP RT | REL RT | MASS | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|---|
| 1 bfb | | | | | | CAS #: 460-00-4 | | |
| 11.167 | 11.160 | ( 0.000) | 95 | 180928 | | | 0.00- 100.00 | 100.00 |
| 11.167 | 11.160 | ( 0.000) | 50 | 44528 | | | 15.00- 40.00 | 24.61 |
| 11.167 | 11.160 | ( 0.000) | 75 | 104000 | | | 30.00- 80.00 | 57.48 |
| 11.167 | 11.160 | ( 0.000) | 96 | 12138 | | | 5.00- 9.00 | 6.71 |
| 11.167 | 11.160 | ( 0.000) | 173 | 492 | | | 0.00- 2.00 | 0.33 |
| 11.167 | 11.160 | ( 0.000) | 174 | 148160 | | | 50.00- 120.00 | 81.89 |
| 11.167 | 11.160 | ( 0.000) | 175 | 11425 | | | 5.00- 9.00 | 7.71 |
| 11.167 | 11.160 | ( 0.000) | 176 | 141696 | | | 95.00- 101.00 | 95.64 |
| 11.167 | 11.160 | ( 0.000) | 177 | 9660 | | | 5.00- 9.00 | 6.82 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0842.D

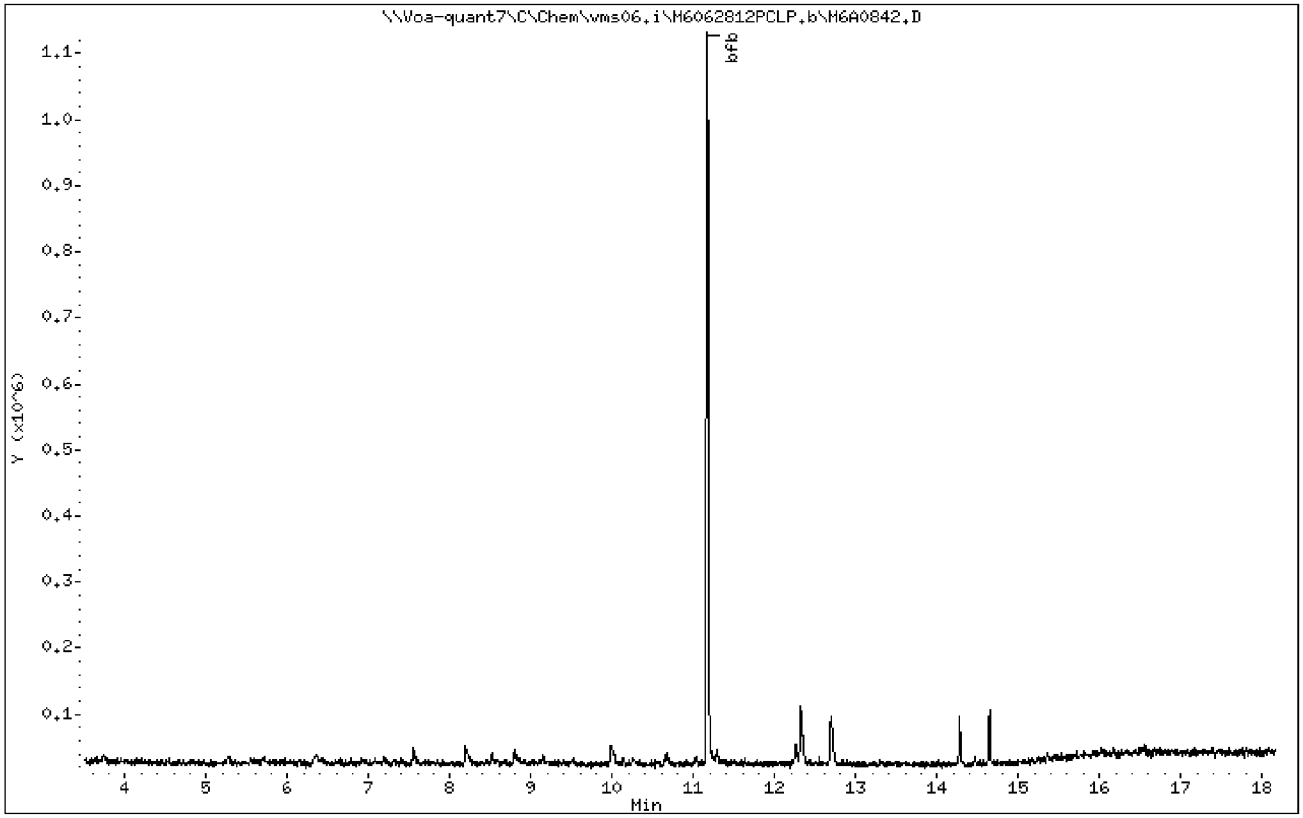
Date : 28-JUN-2012 11:27

Client ID: BFB6M | Instrument: vms06.i

Sample Info: BFB6M

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0842.D

Date : 28-JUN-2012 11:27

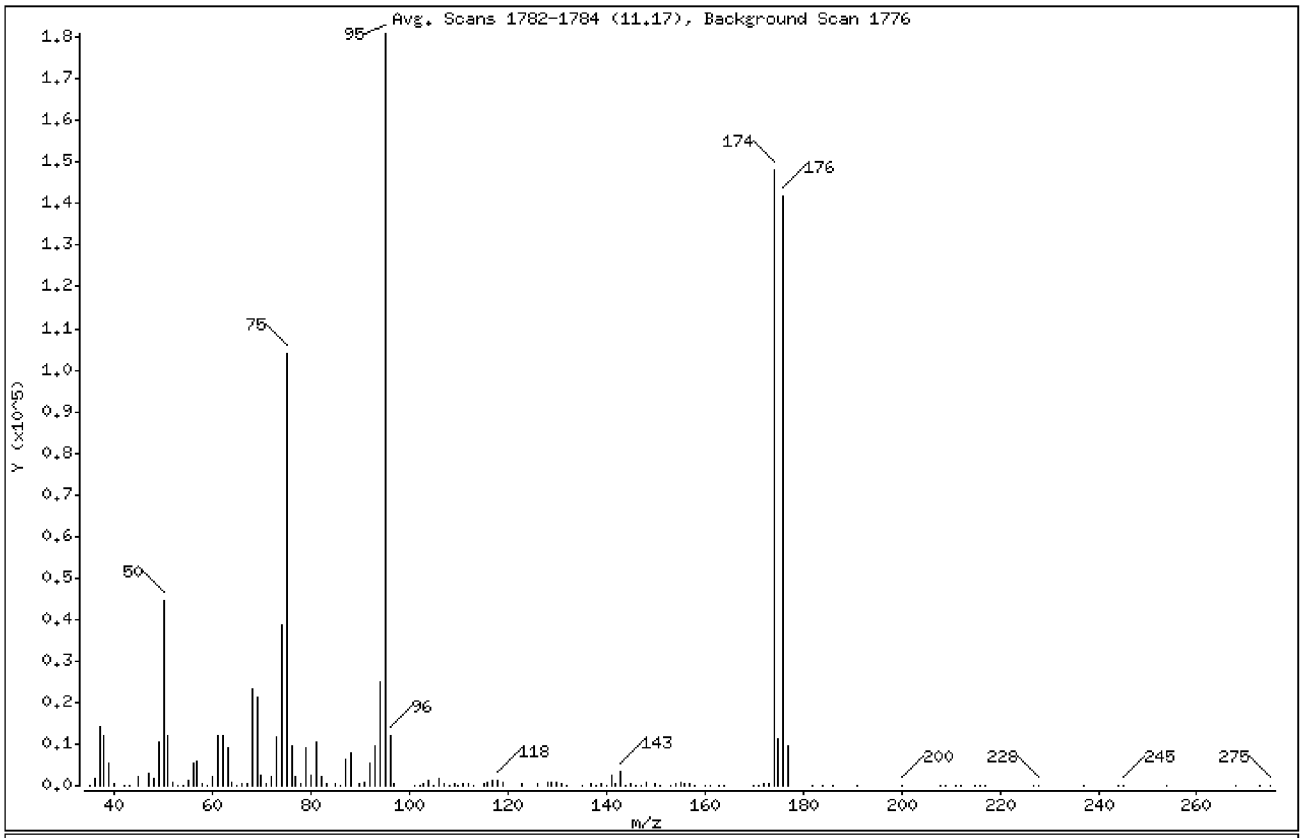
Client ID: BFB6M | Instrument: vms06.i

Sample Info: BFB6M

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18

1 bfb




| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | Base Peak, 100% relative abundance | 100.00 |
| 50 | 15.00 - 40.00% of mass 95 | 24.61 |
| 75 | 30.00 - 80.00% of mass 95 | 57.48 |
| 96 | 5.00 - 9.00% of mass 95 | 6.71 |
| 173 | Less than 2.00% of mass 174 | 0.27 ( 0.33) |
| 174 | 50.00 - 120.00% of mass 95 | 81.89 |
| 175 | 5.00 - 9.00% of mass 174 | 6.31 ( 7.71) |
| 176 | 95.00 - 101.00% of mass 174 | 78.32 ( 95.64) |
| 177 | 5.00 - 9.00% of mass 176 | 5.34 ( 6.82) |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0842.D

Date : 28-JUN-2012 11:27

Client ID: BFB6M | Instrument: vms06.i

Sample Info: BFB6M

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18

Data File: M6A0842.D
Spectrum: Avg. Scans 1782-1784 (11.17), Background Scan 1776
Location of Maximum: 95.00
Number of points: 137

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 35.00 | 153 | 73.00 | 11540 | 113.00 | 152 | 161.00 | 89 |
| 36.00 | 1703 | 74.00 | 38648 | 115.00 | 230 | 163.00 | 84 |
| 37.00 | 14181 | 75.00 | 104000 | 116.00 | 1033 | 164.00 | 103 |
| 38.00 | 11887 | 76.00 | 9368 | 117.00 | 1129 | 170.00 | 87 |
| 39.00 | 5252 | 77.00 | 2006 | 118.00 | 1143 | 171.00 | 88 |
| 40.00 | 433 | 78.00 | 430 | 119.00 | 835 | 172.00 | 310 |
| 42.00 | 128 | 79.00 | 9256 | 123.00 | 389 | 173.00 | 492 |
| 43.00 | 199 | 80.00 | 2383 | 126.00 | 257 | 174.00 | 148160 |
| 45.00 | 2261 | 81.00 | 10514 | 128.00 | 825 | 175.00 | 11425 |
| 47.00 | 2914 | 82.00 | 1955 | 129.00 | 852 | 176.00 | 141696 |
| 48.00 | 1844 | 83.00 | 460 | 130.00 | 825 | 177.00 | 9660 |
| 49.00 | 10542 | 85.00 | 267 | 131.00 | 374 | 182.00 | 102 |
| 50.00 | 44528 | 86.00 | 186 | 132.00 | 140 | 184.00 | 120 |
| 51.00 | 12084 | 87.00 | 6228 | 135.00 | 190 | 186.00 | 113 |
| 52.00 | 796 | 88.00 | 7722 | 137.00 | 538 | 191.00 | 96 |
| 53.00 | 203 | 90.00 | 363 | 138.00 | 123 | 200.00 | 105 |
| 54.00 | 174 | 91.00 | 725 | 139.00 | 246 | 208.00 | 102 |
| 55.00 | 1397 | 92.00 | 5530 | 140.00 | 96 | 209.00 | 93 |
| 56.00 | 5464 | 93.00 | 9718 | 141.00 | 2564 | 211.00 | 83 |
| 57.00 | 5890 | 94.00 | 24896 | 142.00 | 550 | 212.00 | 83 |
| 58.00 | 546 | 95.00 | 180928 | 143.00 | 3199 | 215.00 | 88 |
| 59.00 | 173 | 96.00 | 12138 | 144.00 | 178 | 216.00 | 90 |
| 60.00 | 2007 | 97.00 | 331 | 145.00 | 352 | 217.00 | 110 |
| 61.00 | 12046 | 101.00 | 105 | 146.00 | 200 | 227.00 | 89 |
| 62.00 | 12033 | 102.00 | 142 | 147.00 | 127 | 228.00 | 126 |
| 63.00 | 9203 | 103.00 | 330 | 148.00 | 718 | 237.00 | 96 |
| 64.00 | 663 | 104.00 | 1330 | 150.00 | 465 | 244.00 | 101 |
| 65.00 | 87 | 105.00 | 28 | 151.00 | 118 | 245.00 | 120 |
| 66.00 | 209 | 106.00 | 1609 | 153.00 | 113 | 254.00 | 107 |
| 67.00 | 604 | 107.00 | 348 | 154.00 | 321 | 268.00 | 96 |
| 68.00 | 23432 | 108.00 | 102 | 155.00 | 740 | 273.00 | 98 |
| 69.00 | 21176 | 109.00 | 344 | 156.00 | 335 | 275.00 | 138 |
| 70.00 | 2409 | 110.00 | 140 | 157.00 | 600 | | |
| 71.00 | 233 | 111.00 | 305 | 158.00 | 159 | | |
| 72.00 | 1956 | 112.00 | 243 | 160.00 | 135 | | |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0887.D
Report Date: 06-Jul-2012 19:43

PEL Laboratories, Inc.

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0887.D
Lab Smp Id: BFB6N  Client Smp ID: BFB6N
Inj Date : 29-JUN-2012 06:37
Operator : PEL  Inst ID: vms06.i
Smp Info : BFB6N
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\BFBMEDclp.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 22-JUN-2012 06:25  Cal File: M6A0741.D
Als bottle: 2  QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE  Compound Sublist: all.sub
Target Version: 4.14  Sample Matrix: WATER

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample Volume (ml) |
| Cpnd Variable | | Local Compound Variable |

| RT | EXP RT | REL RT | MASS | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|---|
| 1 bfb | | | | | | CAS #: 460-00-4 | | |
| 11.162 | 11.160 | ( 0.000) | 95 | 161984 | | | 0.00- 100.00 | 100.00 |
| 11.162 | 11.160 | ( 0.000) | 50 | 43168 | | | 15.00- 40.00 | 26.65 |
| 11.162 | 11.160 | ( 0.000) | 75 | 101176 | | | 30.00- 80.00 | 62.46 |
| 11.162 | 11.160 | ( 0.000) | 96 | 11078 | | | 5.00- 9.00 | 6.84 |
| 11.162 | 11.160 | ( 0.000) | 173 | 160 | | | 0.00- 2.00 | 0.13 |
| 11.162 | 11.160 | ( 0.000) | 174 | 125800 | | | 50.00- 120.00 | 77.66 |
| 11.162 | 11.160 | ( 0.000) | 175 | 10137 | | | 5.00- 9.00 | 8.06 |
| 11.162 | 11.160 | ( 0.000) | 176 | 125024 | | | 95.00- 101.00 | 99.38 |
| 11.162 | 11.160 | ( 0.000) | 177 | 8514 | | | 5.00- 9.00 | 6.81 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0887.D

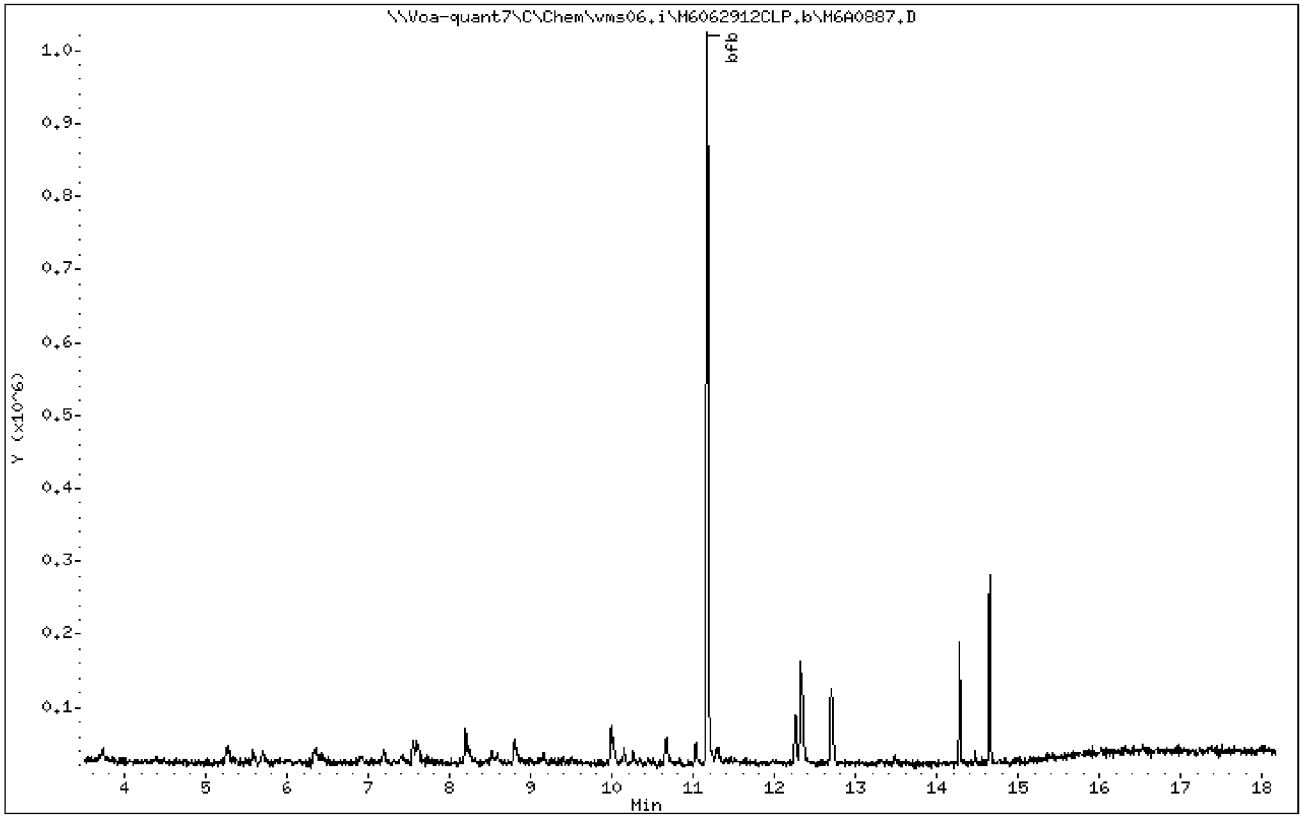
Date : 29-JUN-2012 06:37

Client ID: BFB6N | Instrument: vms06.i

Sample Info: BFB6N

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18



Data File: \\Woa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0887.D

Date : 29-JUN-2012 06:37

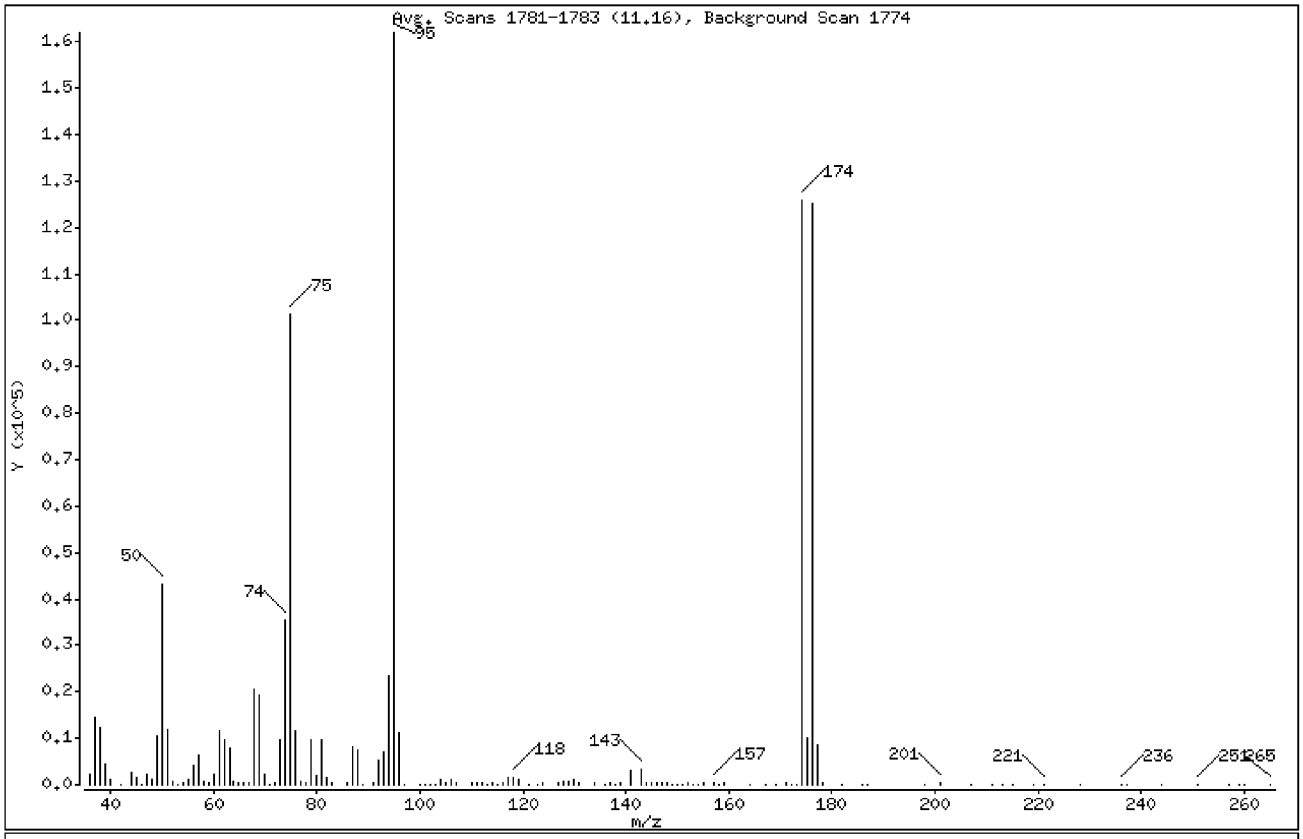
Client ID: BFB6N | Instrument: vms06.i

Sample Info: BFB6N

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18

1 bfb




| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | Base Peak, 100% relative abundance | 100.00 |
| 50 | 15.00 - 40.00% of mass 95 | 26.65 |
| 75 | 30.00 - 80.00% of mass 95 | 62.46 |
| 96 | 5.00 - 9.00% of mass 95 | 6.84 |
| 173 | Less than 2.00% of mass 174 | 0.10 ( 0.13) |
| 174 | 50.00 - 120.00% of mass 95 | 77.66 |
| 175 | 5.00 - 9.00% of mass 174 | 6.26 ( 8.06) |
| 176 | 95.00 - 101.00% of mass 174 | 77.18 ( 99.38) |
| 177 | 5.00 - 9.00% of mass 176 | 5.26 ( 6.81) |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0887.D

Date : 29-JUN-2012 06:37

Client ID: BFB6N | Instrument: vms06.i

Sample Info: BFB6N

Purge Volume: 5.0 | Operator: PEL

Column phase: DB-624 | Column diameter: 0.18

Data File: M6A0887.D
Spectrum: Avg. Scans 1781-1783 (11.16), Background Scan 1774
Location of Maximum: 95.00
Number of points: 136

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2347 | 73.00 | 9738 | 115.00 | 184 | 164.00 | 83 |
| 37.00 | 14460 | 74.00 | 35360 | 116.00 | 480 | 167.00 | 92 |
| 38.00 | 12270 | 75.00 | 101176 | 117.00 | 1411 | 169.00 | 111 |
| 39.00 | 4378 | 76.00 | 11712 | 118.00 | 1674 | 171.00 | 237 |
| 40.00 | 1198 | 77.00 | 890 | 119.00 | 981 | 172.00 | 100 |
| 42.00 | 91 | 78.00 | 229 | 121.00 | 149 | 173.00 | 160 |
| 44.00 | 2721 | 79.00 | 9668 | 123.00 | 98 | 174.00 | 125800 |
| 45.00 | 1532 | 80.00 | 1814 | 124.00 | 452 | 175.00 | 10137 |
| 46.00 | 148 | 81.00 | 9606 | 127.00 | 307 | 176.00 | 125024 |
| 47.00 | 2079 | 82.00 | 1513 | 128.00 | 697 | 177.00 | 8514 |
| 48.00 | 1056 | 83.00 | 555 | 129.00 | 627 | 178.00 | 296 |
| 49.00 | 10306 | 86.00 | 212 | 130.00 | 949 | 182.00 | 108 |
| 50.00 | 43168 | 87.00 | 8120 | 131.00 | 256 | 186.00 | 116 |
| 51.00 | 11962 | 88.00 | 7452 | 134.00 | 199 | 187.00 | 91 |
| 52.00 | 841 | 89.00 | 102 | 136.00 | 137 | 198.00 | 166 |
| 53.00 | 124 | 91.00 | 442 | 137.00 | 212 | 201.00 | 208 |
| 54.00 | 236 | 92.00 | 5375 | 138.00 | 96 | 207.00 | 140 |
| 55.00 | 1073 | 93.00 | 7222 | 139.00 | 273 | 211.00 | 124 |
| 56.00 | 4085 | 94.00 | 23584 | 141.00 | 2917 | 213.00 | 103 |
| 57.00 | 6464 | 95.00 | 161984 | 143.00 | 3345 | 215.00 | 119 |
| 58.00 | 626 | 96.00 | 11078 | 144.00 | 197 | 219.00 | 96 |
| 59.00 | 305 | 97.00 | 60 | 145.00 | 472 | 221.00 | 143 |
| 60.00 | 2203 | 100.00 | 144 | 146.00 | 507 | 228.00 | 132 |
| 61.00 | 11464 | 101.00 | 91 | 147.00 | 318 | 236.00 | 154 |
| 62.00 | 9498 | 102.00 | 98 | 148.00 | 453 | 237.00 | 115 |
| 63.00 | 7876 | 103.00 | 110 | 149.00 | 85 | 244.00 | 147 |
| 64.00 | 884 | 104.00 | 1013 | 150.00 | 134 | 251.00 | 110 |
| 65.00 | 492 | 105.00 | 343 | 151.00 | 112 | 257.00 | 103 |
| 66.00 | 210 | 106.00 | 1097 | 152.00 | 193 | 259.00 | 98 |
| 67.00 | 469 | 107.00 | 276 | 153.00 | 83 | 260.00 | 110 |
| 68.00 | 20344 | 110.00 | 432 | 154.00 | 89 | 265.00 | 87 |
| 69.00 | 19392 | 111.00 | 511 | 155.00 | 250 | | |
| 70.00 | 2330 | 112.00 | 360 | 157.00 | 544 | | |
| 71.00 | 96 | 113.00 | 83 | 158.00 | 103 | | |
| 72.00 | 537 | 114.00 | 203 | 159.00 | 323 | | |

1A- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0847.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 4.8 | J |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 1.4 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0847.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.71 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.98 | J |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.
VBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: 3506386
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0847.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg) ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D
Lab Smp Id: VBLK6N  Client Smp ID: VBLK6N
Inj Date : 28-JUN-2012 13:43  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VBLK6N
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 6  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.487 | 1.489 | (0.215) | 1485414 | 46.6042 | 46.6042 |
| $ 80 Chloroethane-d5 | 69 | 1.868 | 1.869 | (0.271) | 1353476 | 45.7513 | 45.7513 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.690 | 2.692 | (0.390) | 2289039 | 51.2633 | 51.2633 |
| 9 Acetone | 43 | 2.787 | 2.786 | (0.404) | 22162 | 4.79007 | 4.79007 |
| 12 Methylene Chloride | 84 | 3.319 | 3.322 | (0.481) | 26065 | 1.37662 | 1.37662(Q) |
| $ 82 2-Butanone-d5 | 46 | 5.234 | 5.228 | (0.758) | 278516 | 119.743 | 119.743 |
| $ 83 Chloroform-d | 84 | 5.691 | 5.689 | (0.825) | 1509799 | 41.6136 | 41.6136(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.324 | 6.323 | (0.916) | 839916 | 45.1907 | 45.1906 |
| $ 84 Benzene-d6 | 84 | 6.350 | 6.349 | (0.636) | 3498087 | 44.8118 | 44.8118 |
| * 26 1,4-Difluorobenzene | 114 | 6.902 | 6.899 | (1.000) | 3106948 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.318 | 7.316 | (0.733) | 992132 | 44.9706 | 44.9706 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.543 | 7.539 | (1.093) | 77050 | 1264.09 | 1264.09(Q) |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3377701 | 46.1150 | 46.1150 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.784 | (0.880) | 712210 | 43.0837 | 43.0837 |
| $ 87 2-Hexanone-d5 | 63 | 9.230 | 9.228 | (0.925) | 221790 | 79.7700 | 79.7700 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2628331 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.282 | (1.130) | 560864 | 42.9634 | 42.9634 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.319 | (1.000) | 1055107 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 799291 | 44.2600 | 44.2600 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.277 | 14.274 | (1.159) | 9932 | 0.70558 | 0.705576 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.647 | 14.645 | (1.189) | 9723 | 0.98273 | 0.982732 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D
Lab Smp Id: VBLK6N  Client Smp ID: VBLK6N
Inj Date  : 28-JUN-2012 13:43  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VBLK6N
Misc Info : 1
Comment   :
Method    : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 6  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D



Date : 28-JUN-2012 13:43

Client ID: VBLK6N

Instrument: vms06.i

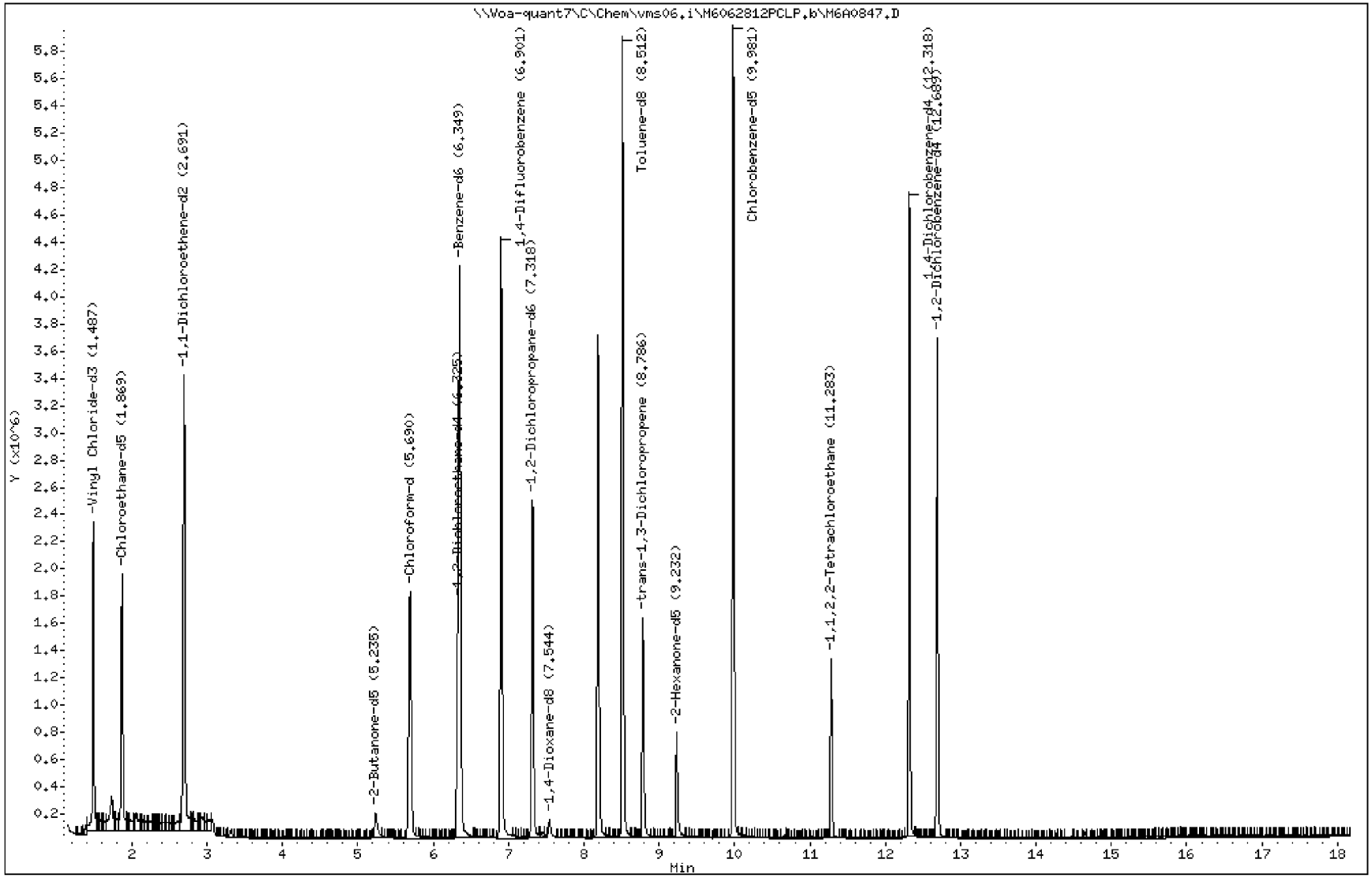
Sample Info: VBLK6N

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D



Date : 28-JUN-2012 13:43

Client ID: VBLK6N

Instrument: vms06.i

Sample Info: VBLK6N

Purge Volume: 5.0

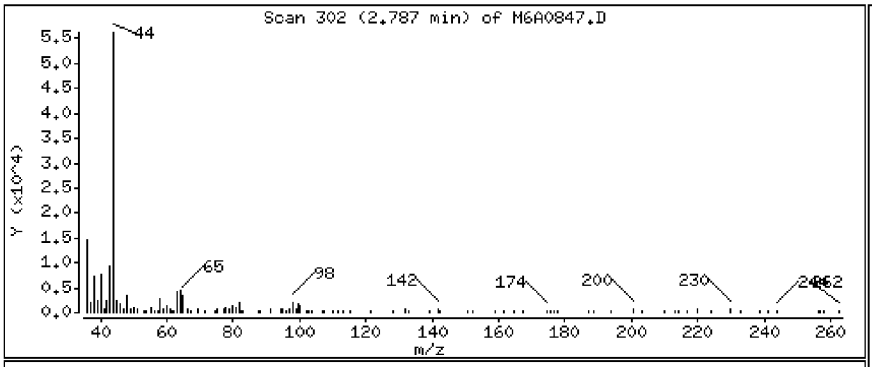
Operator: MST

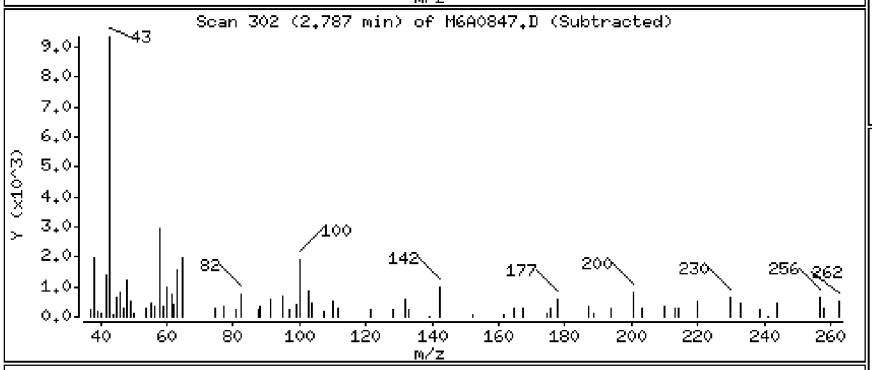
Column phase: DB-624

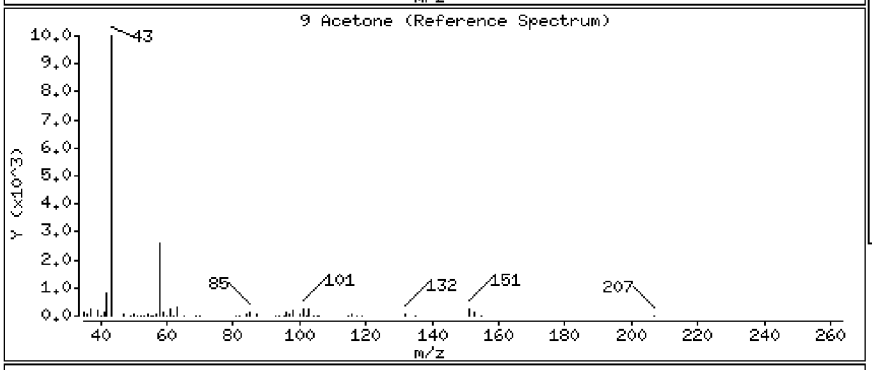
Column diameter: 0.18

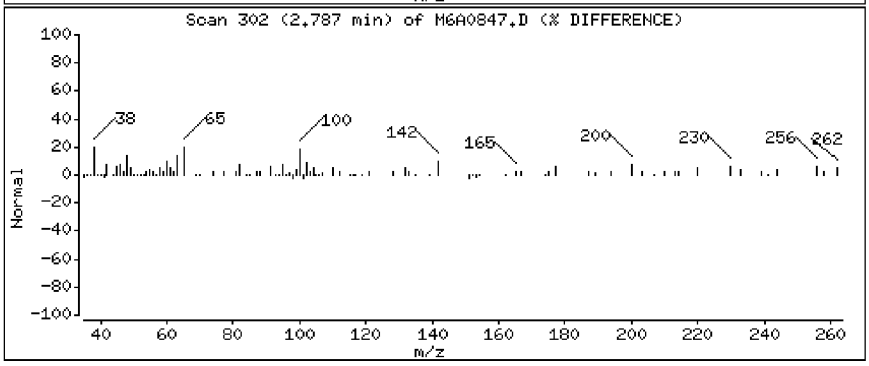
9 Acetone

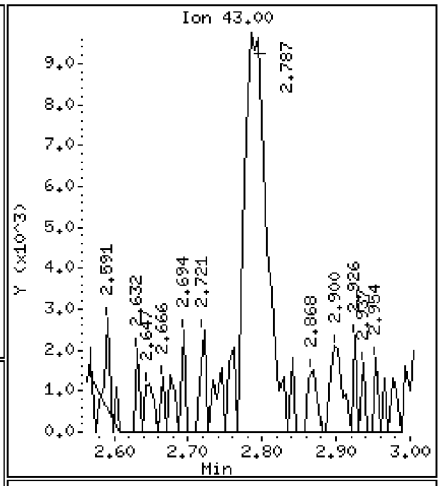
Concentration: 4.79007 ug/L

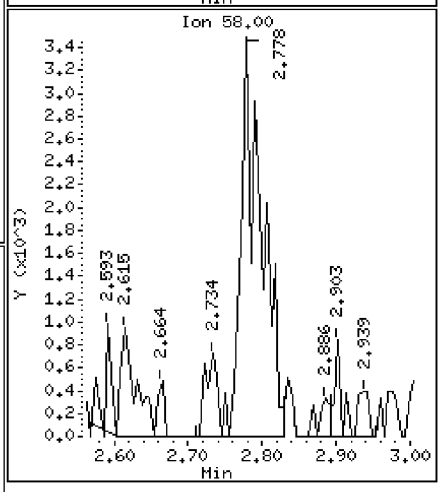


Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D



Date : 28-JUN-2012 13:43

Client ID: VBLK6N

Instrument: vms06.i

Sample Info: VBLK6N

Purge Volume: 5.0

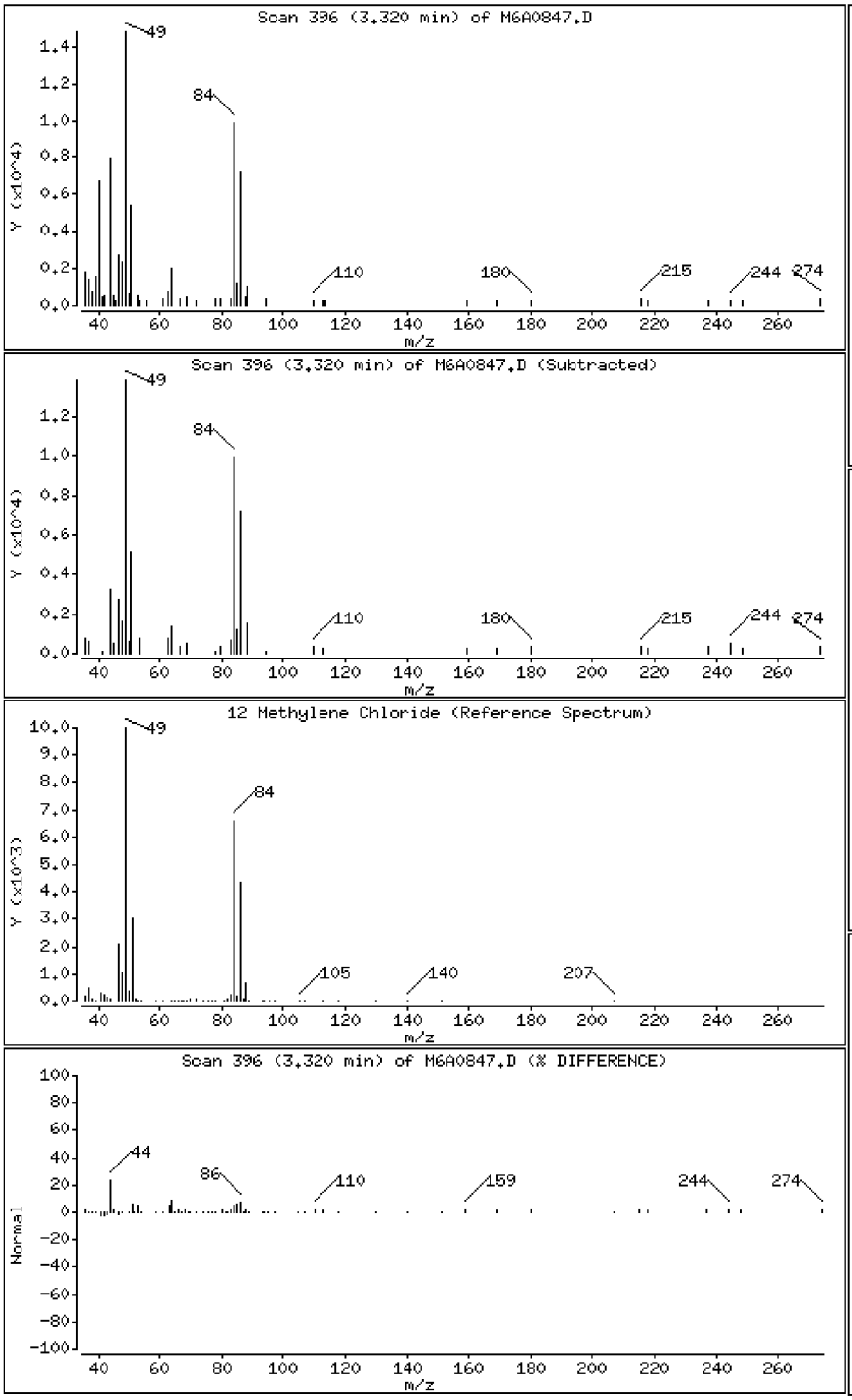
Operator: MST

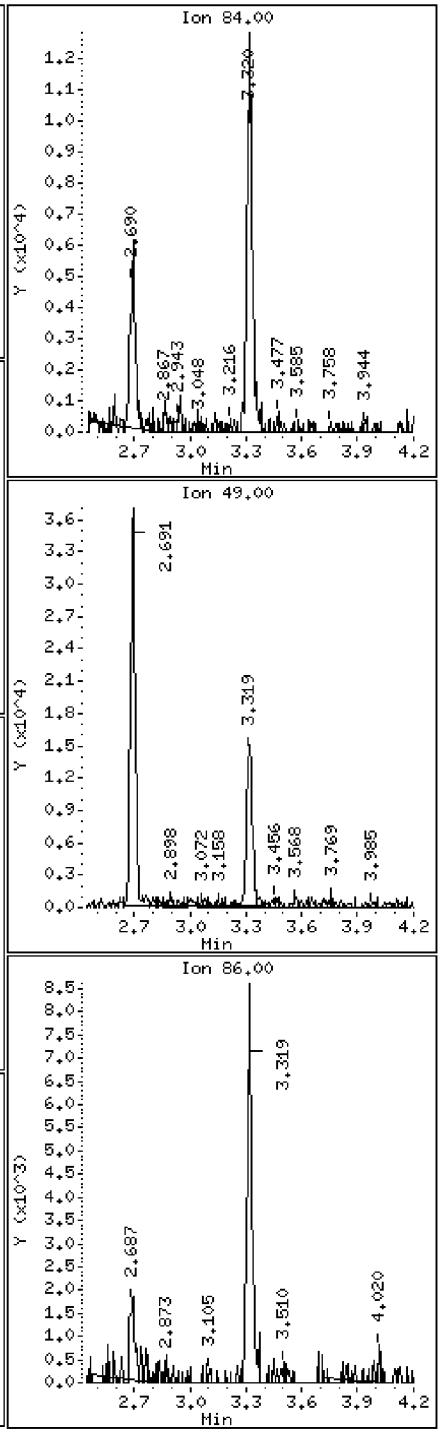
Column phase: DB-624

Column diameter: 0.18

12 Methylene Chloride

Concentration: 1.37662 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D



Date : 28-JUN-2012 13:43

Client ID: VBLK6N

Instrument: vms06.i

Sample Info: VBLK6N

Purge Volume: 5.0

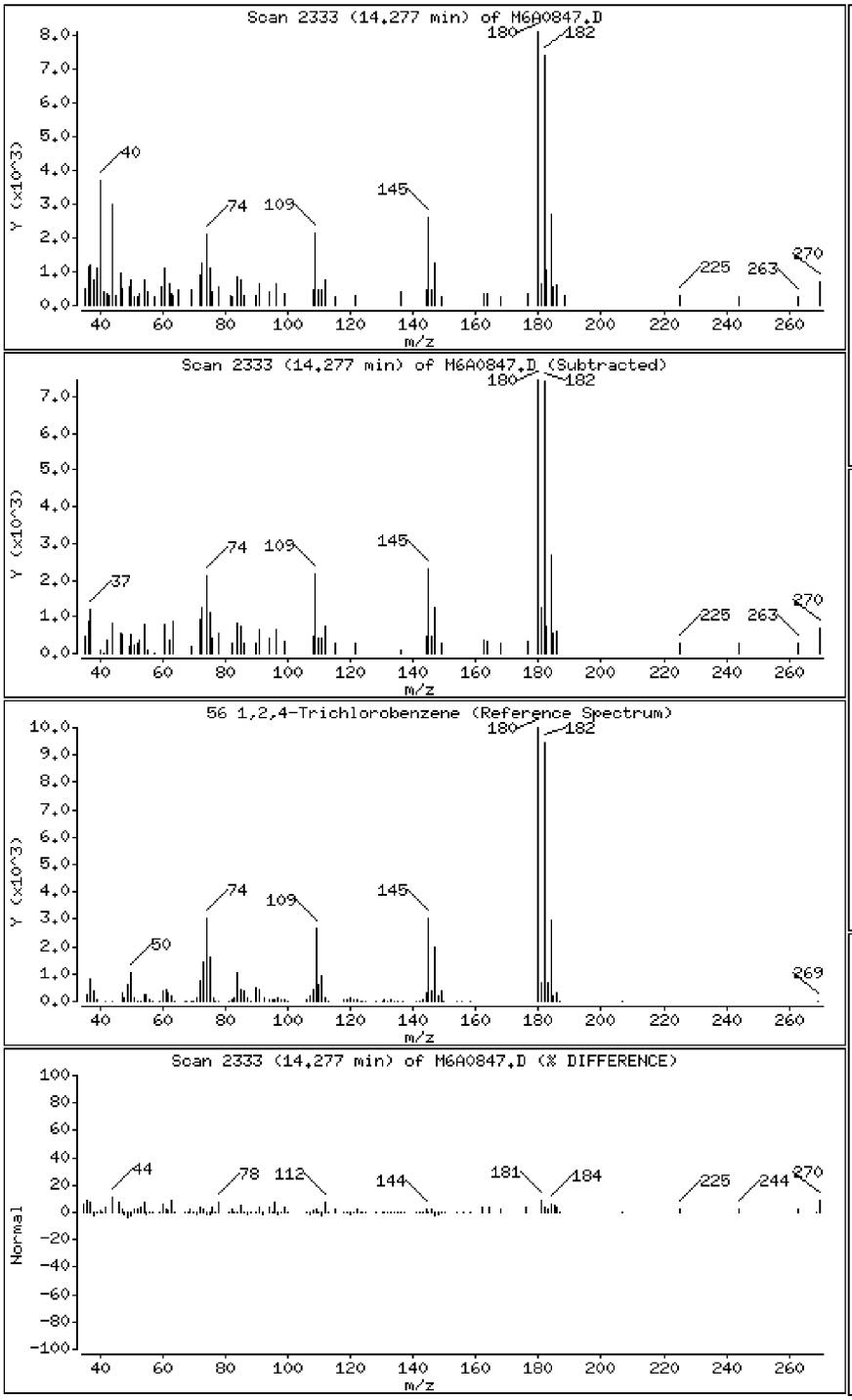
Operator: MST

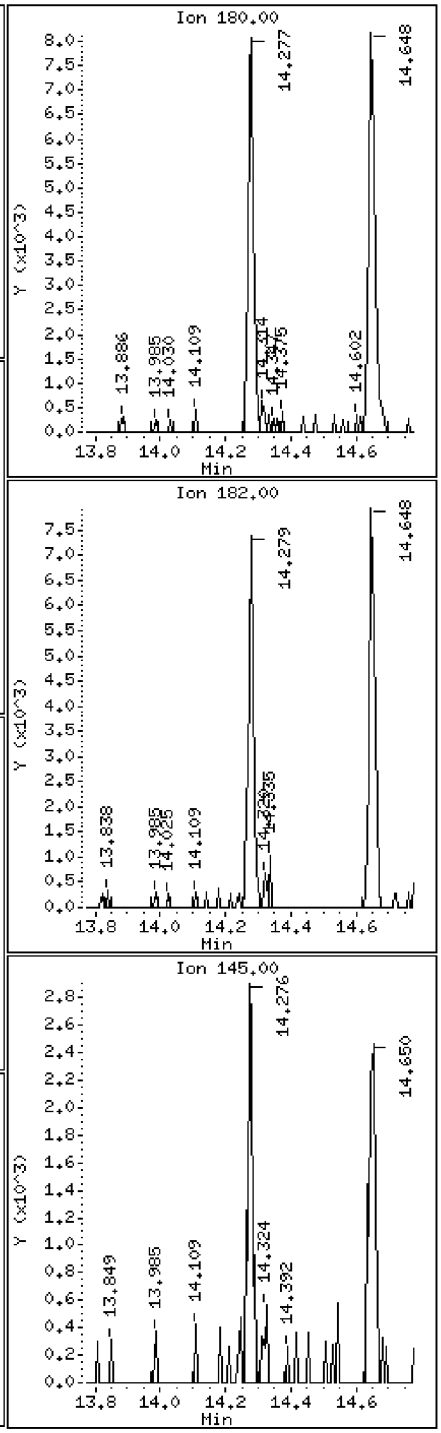
Column phase: DB-624

Column diameter: 0.18

56 1,2,4-Trichlorobenzene

Concentration: 0.705576 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0847.D 

Date : 28-JUN-2012 13:43

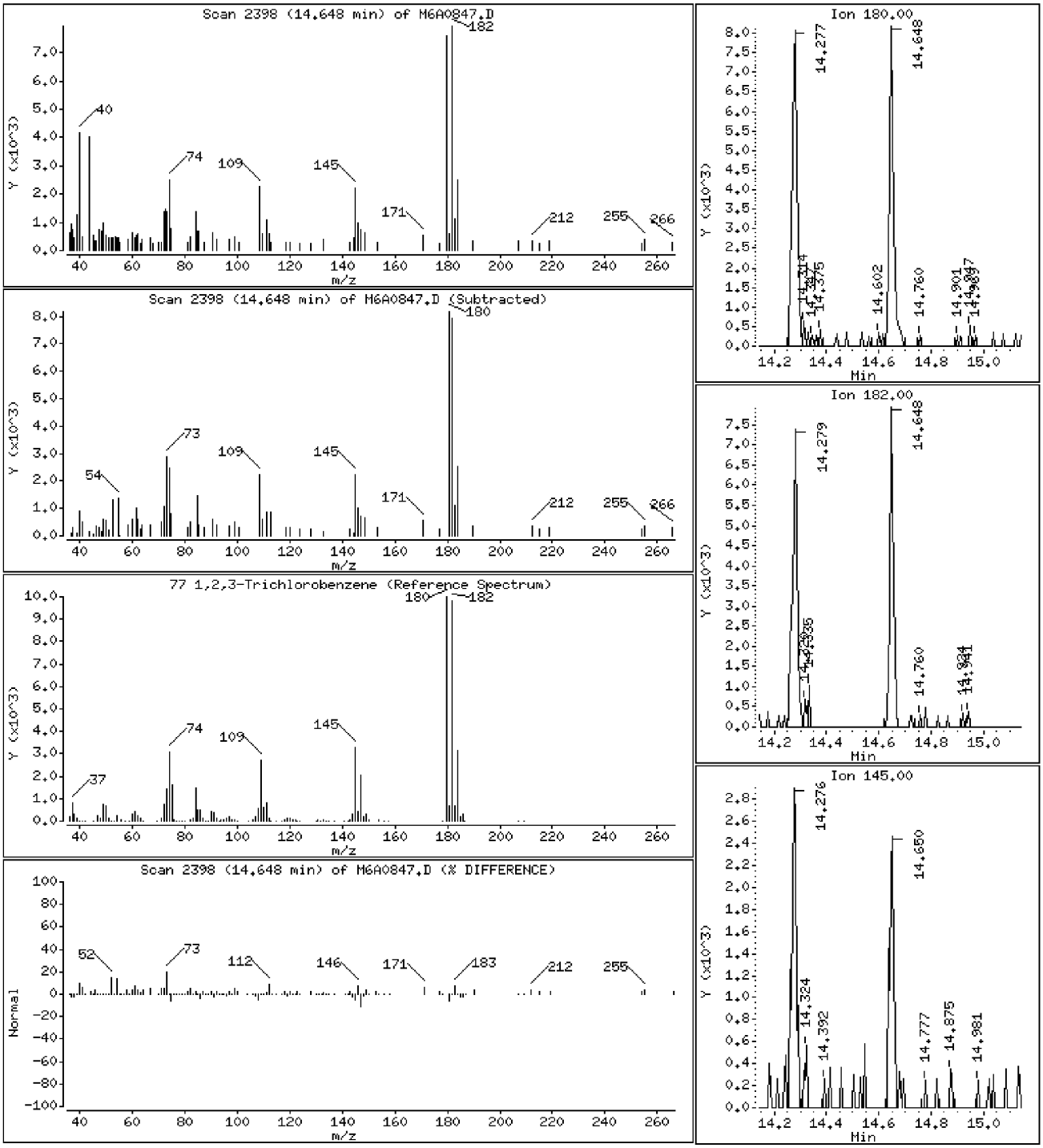
Client ID: VBLK6N Instrument: vms06.i

Sample Info: VBLK6N

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

77 1,2,3-Trichlorobenzene Concentration: 0.982732 ug/L



1A- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6O

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6O
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0869.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 1.2 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6O

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6O
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0869.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.89 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.1 | J |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.
VBLK6O

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: 3506386
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6O
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0869.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/28/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | | |
| 02 | | Unknown | 1.733 | 5.5 | J |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D
Lab Smp Id: VBLK6O  Client Smp ID: VBLK6O
Inj Date : 28-JUN-2012 22:40  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VBLK6O
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 27  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1463351 | 51.1579 | 51.1579 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.869 | (0.271) | 1360814 | 51.2552 | 51.2552 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.687 | 2.692 | (0.389) | 1478608 | 36.8971 | 36.8971 |
| 12 Methylene Chloride | 84 | 3.323 | 3.322 | (0.482) | 19659 | 1.15692 | 1.15692 |
| $ 82 2-Butanone-d5 | 46 | 5.228 | 5.228 | (0.758) | 234913 | 112.537 | 112.536 |
| $ 83 Chloroform-d | 84 | 5.687 | 5.689 | (0.824) | 1566091 | 48.0972 | 48.0972(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.322 | 6.323 | (0.916) | 877873 | 52.6297 | 52.6296 |
| $ 84 Benzene-d6 | 84 | 6.349 | 6.349 | (0.636) | 3607579 | 52.4133 | 52.4132 |
| * 26 1,4-Difluorobenzene | 114 | 6.900 | 6.899 | (1.000) | 2788354 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1002674 | 51.5445 | 51.5445 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.540 | 7.539 | (1.093) | 71696 | 1310.65 | 1310.65 |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 3481421 | 53.9064 | 53.9064 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.784 | (0.880) | 756899 | 51.9286 | 51.9286 |
| $ 87 2-Hexanone-d5 | 63 | 9.229 | 9.228 | (0.925) | 235696 | 96.1420 | 96.1420 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2317484 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.281 | 11.282 | (1.130) | 567304 | 49.2856 | 49.2856 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.319 | (1.000) | 956733 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 847489 | 51.7543 | 51.7543 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.273 | 14.274 | (1.159) | 11402 | 0.89329 | 0.893293 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.643 | 14.645 | (1.189) | 10180 | 1.13472 | 1.13472 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D
Lab Smp Id: VBLK6O  Client Smp ID: VBLK6O
Inj Date : 28-JUN-2012 22:40  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VBLK6O
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:24 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 27  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14
Processing Host: VOLS11

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| ISTD | RT | AREA | AMOUNT |
|---|---|---|---|
| * 26 1,4-Difluorobenzene | 6.901 | 7195214 | 50.000 |

| | | CONCENTRATIONS | | | QUANT | | |
|---|---|---|---|---|---|---|---|
| RT | AREA | ON-COL( ug/L) | FINAL( ug/L) | QUAL | LIBRARY | LIB ENTRY | CPND # |
| Unknown | | | | | CAS #: | | |
| 1.733 | 794766 | 5.52287555 | 5.52288 | 0 | | 0 | 26 |

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D



Date : 28-JUN-2012 22:40

Client ID: VBLK60

Instrument: vms06.i

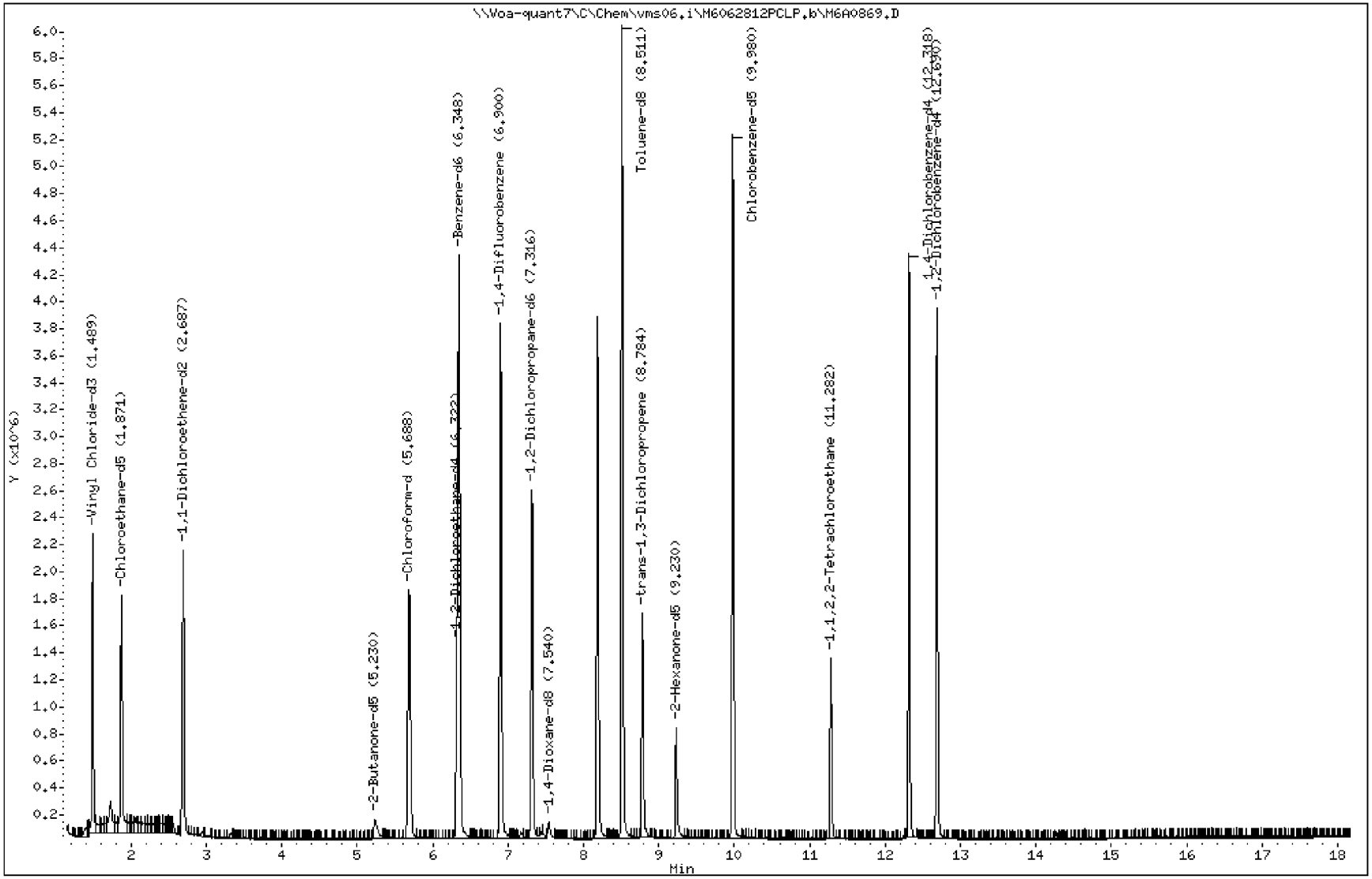
Sample Info: VBLK60

Purge Volume: 5.0

Operator: MST

Column phase: DB-624

Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D



Date : 28-JUN-2012 22:40

Client ID: VBLK60

Instrument: vms06.i

Sample Info: VBLK60

Purge Volume: 5.0

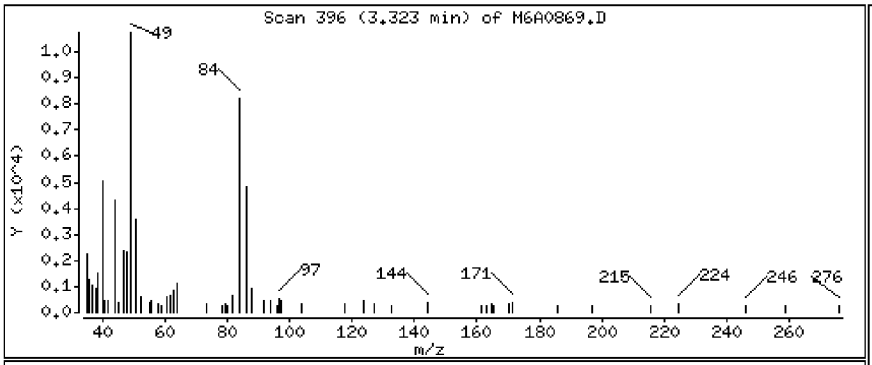
Operator: MST

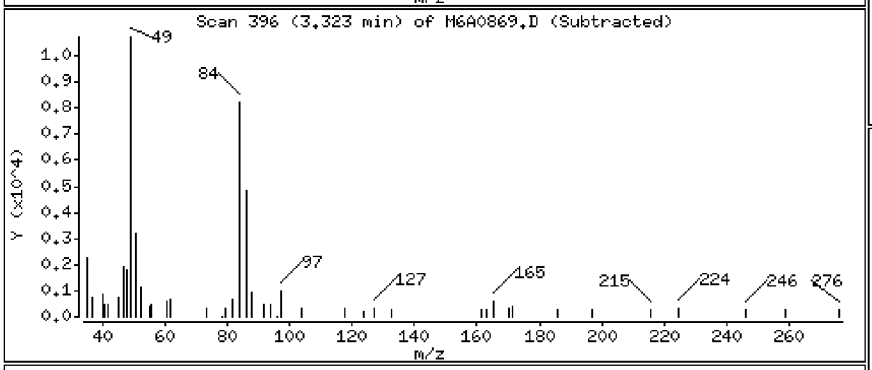
Column phase: DB-624

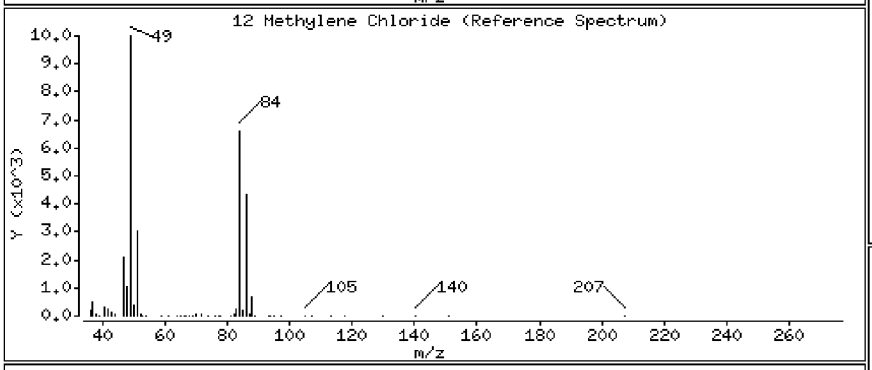
Column diameter: 0.18

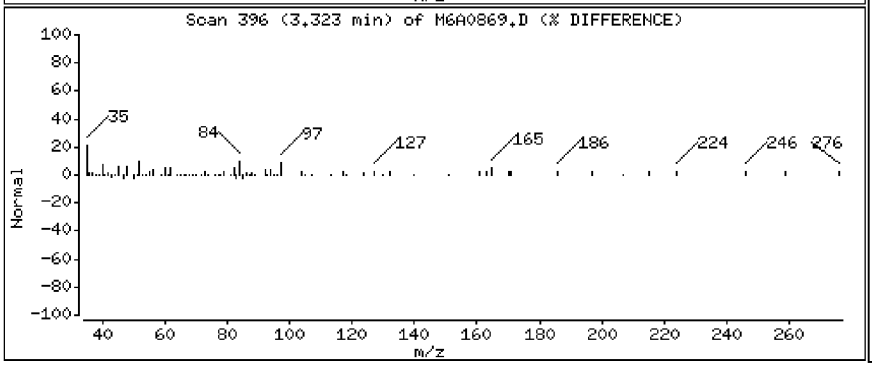
12 Methylene Chloride

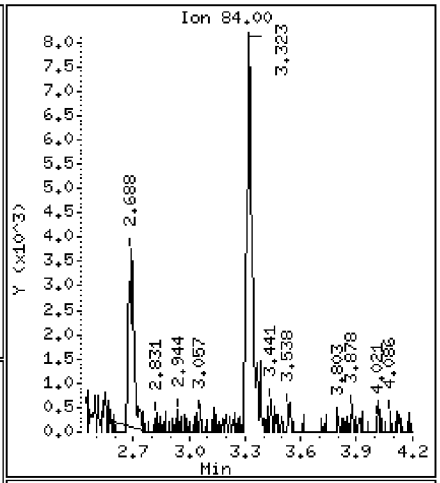
Concentration: 1.15692 ug/L

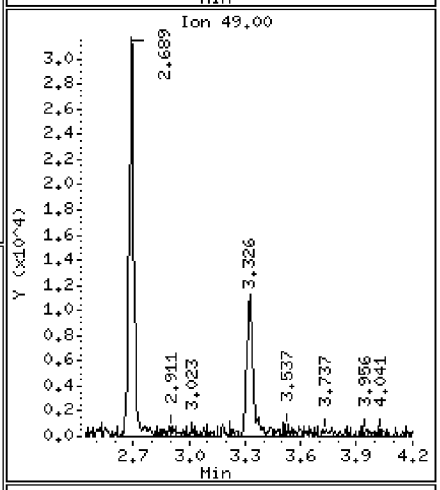


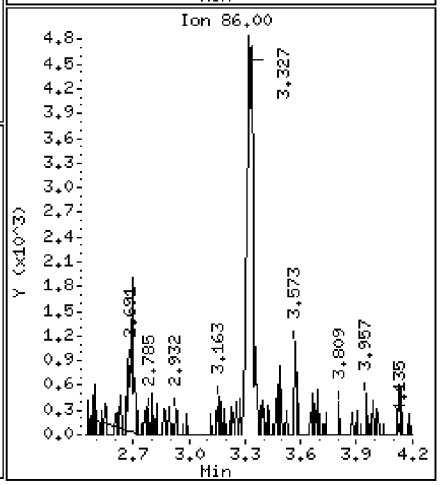



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D



Date : 28-JUN-2012 22:40

Client ID: VBLK60

Instrument: vms06.i

Sample Info: VBLK60

Purge Volume: 5.0

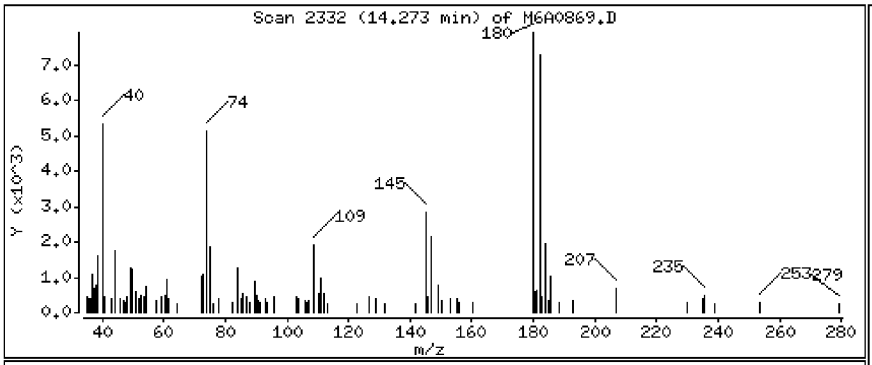
Operator: MST

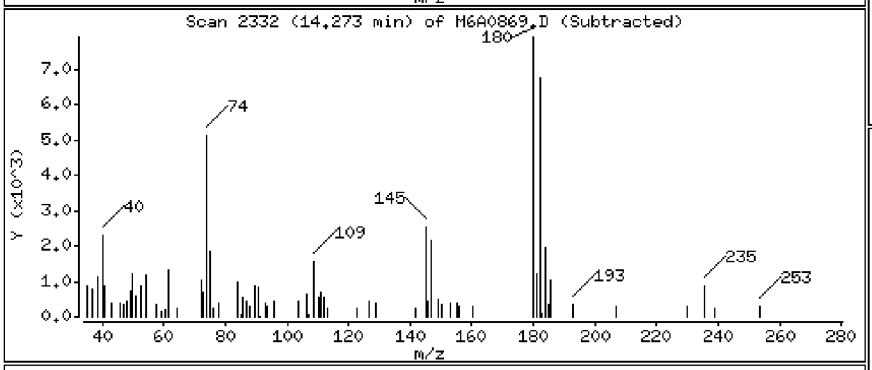
Column phase: DB-624

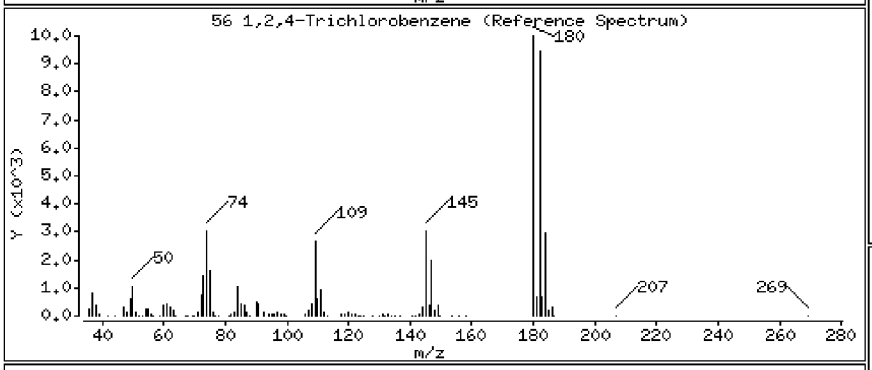
Column diameter: 0.18

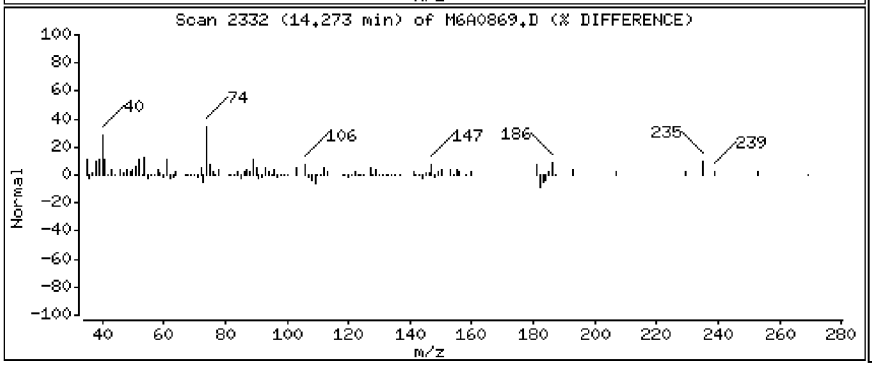
56 1,2,4-Trichlorobenzene

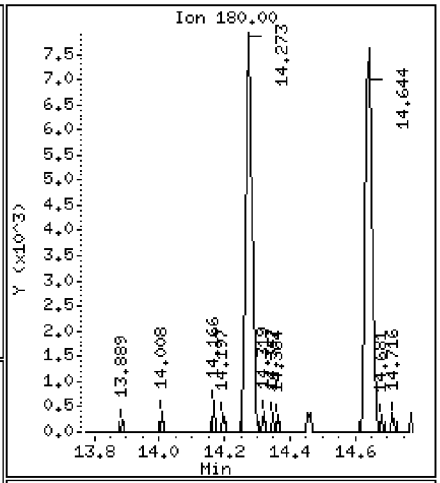
Concentration: 0.893293 ug/L

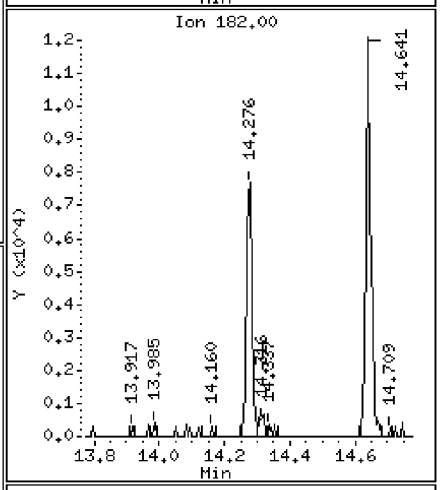


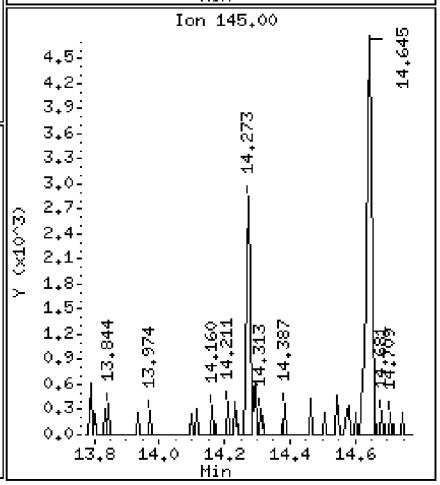



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D



Date : 28-JUN-2012 22:40

Client ID: VBLK60

Instrument: vms06.i

Sample Info: VBLK60

Purge Volume: 5.0

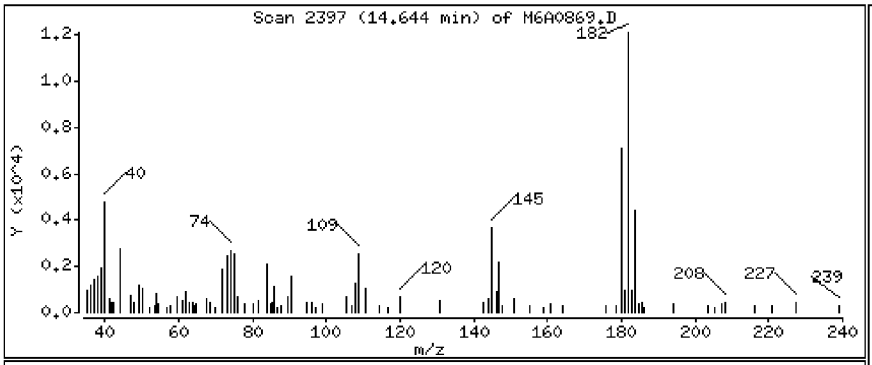
Operator: MST

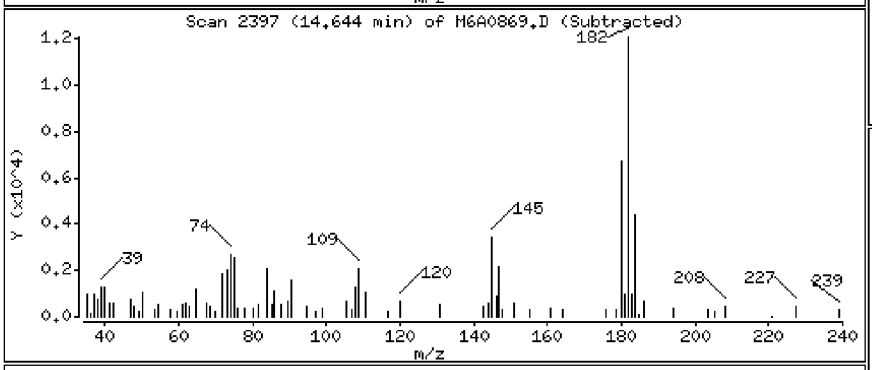
Column phase: DB-624

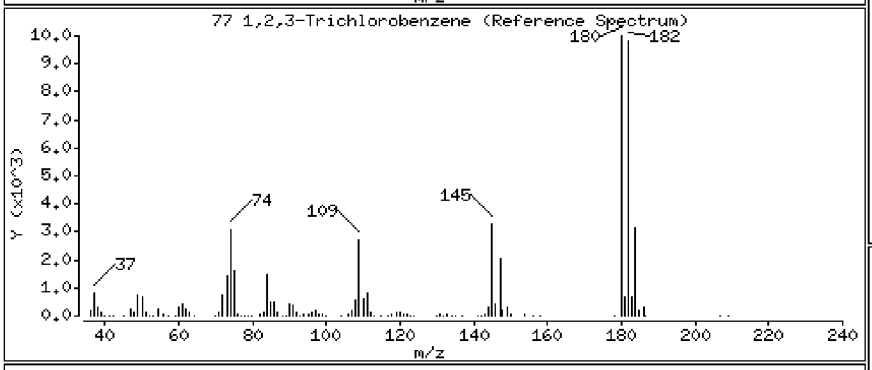
Column diameter: 0.18

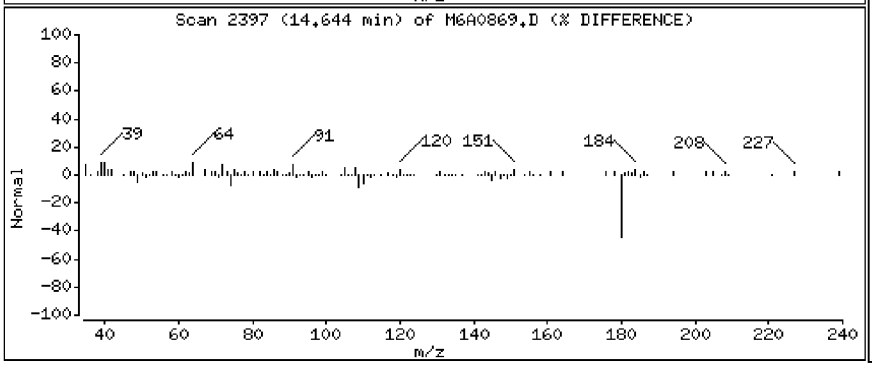
77 1,2,3-Trichlorobenzene

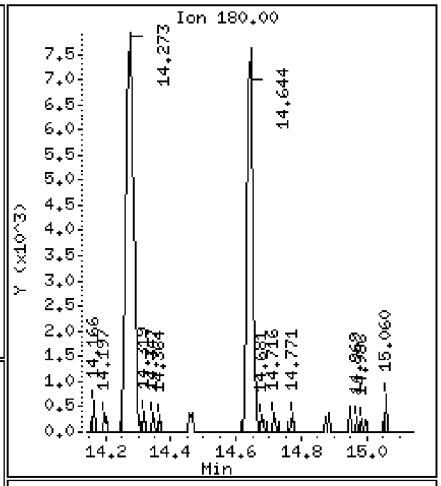
Concentration: 1.13472 ug/L

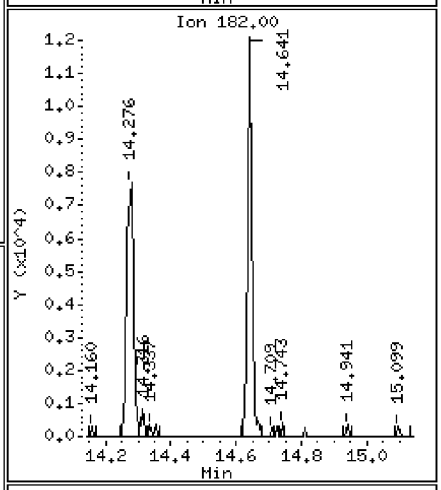


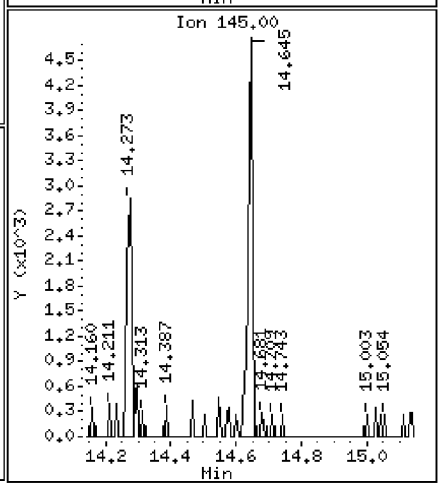



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062812PCLP.b\M6A0869.D Page 8

Date : 28-JUN-2012 22:40

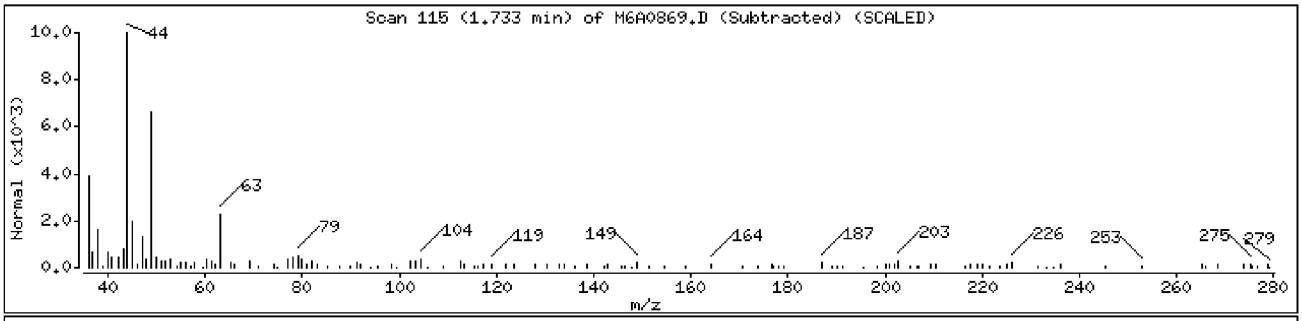
Client ID: VBLK60 Instrument: vms06.i

Sample Info: VBLK60

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

| Library Search Compound Match | CAS Number | Library | Entry | Quality | Formula | Weight |
|---|---|---|---|---|---|---|
| Unknown | | | 0 | 0 | | 0 |



1A- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6P

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6P
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0891.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 3.6 | J |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 0.92 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6P

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6P
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0891.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.70 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.3 | J |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.
VBLK6P

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: 3506386
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6P
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0891.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D
Lab Smp Id: VBLK6P  Client Smp ID: VBLK6P
Inj Date : 29-JUN-2012 10:21  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VBLK6P
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 49  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1301428 | 40.2673 | 40.2673 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.870 | (0.271) | 1254142 | 41.8075 | 41.8075 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.691 | 2.693 | (0.390) | 2140028 | 47.2636 | 47.2636 |
| 9 Acetone | 43 | 2.793 | 2.784 | (0.405) | 17046 | 3.63337 | 3.63337 |
| 12 Methylene Chloride | 84 | 3.321 | 3.323 | (0.481) | 17645 | 0.91904 | 0.919038 |
| $ 82 2-Butanone-d5 | 46 | 5.237 | 5.226 | (0.759) | 233112 | 98.8369 | 98.8369 |
| $ 83 Chloroform-d | 84 | 5.689 | 5.687 | (0.824) | 1565544 | 42.5536 | 42.5536(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.324 | 6.321 | (0.916) | 833667 | 44.2343 | 44.2343 |
| $ 84 Benzene-d6 | 84 | 6.350 | 6.349 | (0.636) | 3588068 | 44.9258 | 44.9258 |
| * 26 1,4-Difluorobenzene | 114 | 6.901 | 6.899 | (1.000) | 3150503 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.318 | 7.316 | (0.733) | 1014516 | 44.9461 | 44.9461 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.544 | 7.536 | (1.093) | 74238 | 1201.12 | 1201.12(Q) |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3430636 | 45.7793 | 45.7793 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.785 | 8.783 | (0.880) | 764633 | 45.2097 | 45.2097 |
| $ 87 2-Hexanone-d5 | 63 | 9.230 | 9.227 | (0.925) | 217535 | 76.4717 | 76.4716 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 2689097 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.281 | (1.130) | 551982 | 41.3275 | 41.3275 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.318 | (1.000) | 1085006 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 842245 | 45.3534 | 45.3534 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.274 | 14.273 | (1.159) | 10127 | 0.69960 | 0.699604 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.648 | 14.641 | (1.189) | 13469 | 1.32384 | 1.32384 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

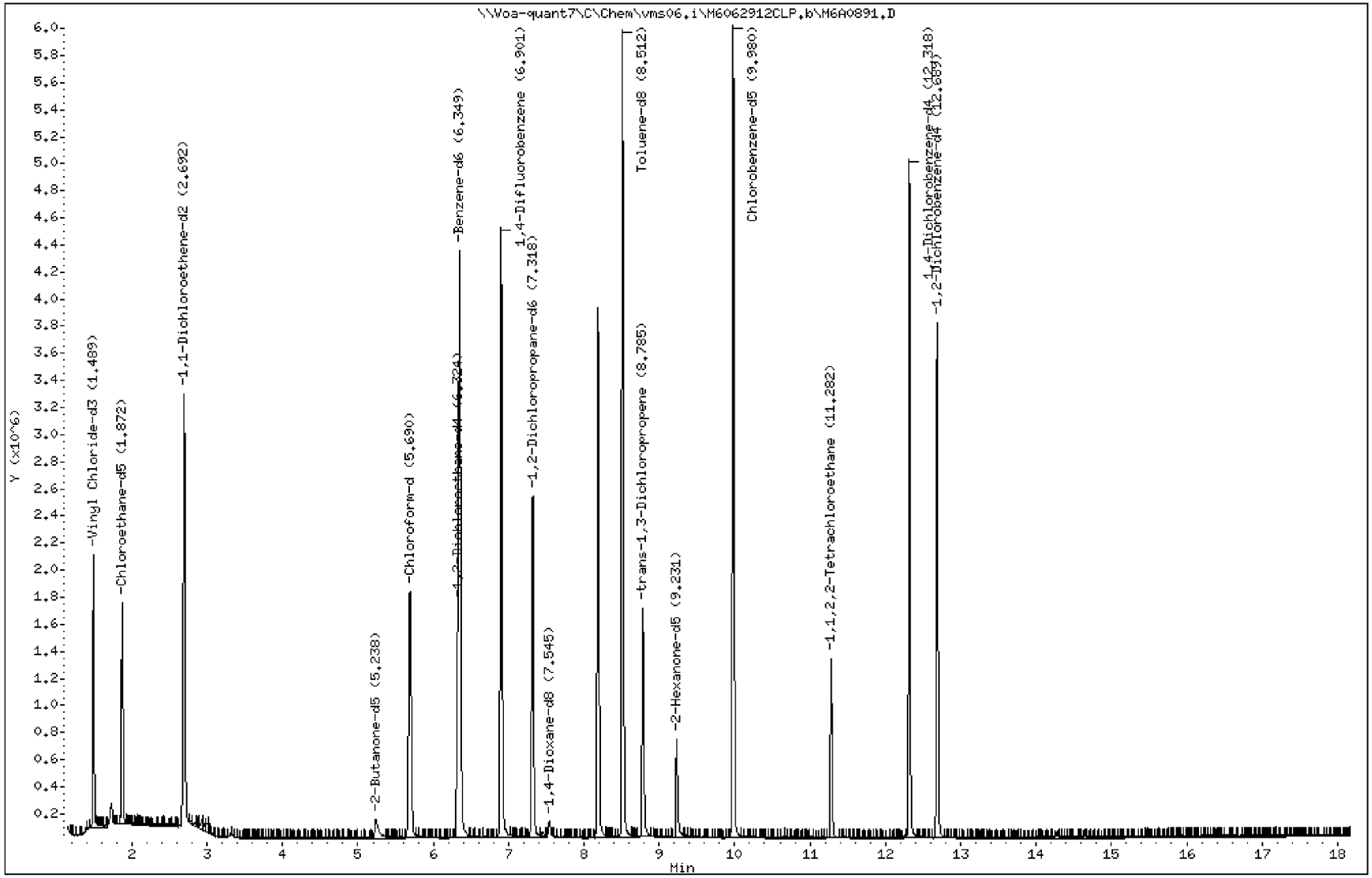
Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D
Lab Smp Id: VBLK6P  Client Smp ID: VBLK6P
Inj Date  : 29-JUN-2012 10:21  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VBLK6P
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 49  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D
Date : 29-JUN-2012 10:21
Client ID: VBLK6P
Sample Info: VBLK6P
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i

Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D 

Date : 29-JUN-2012 10:21

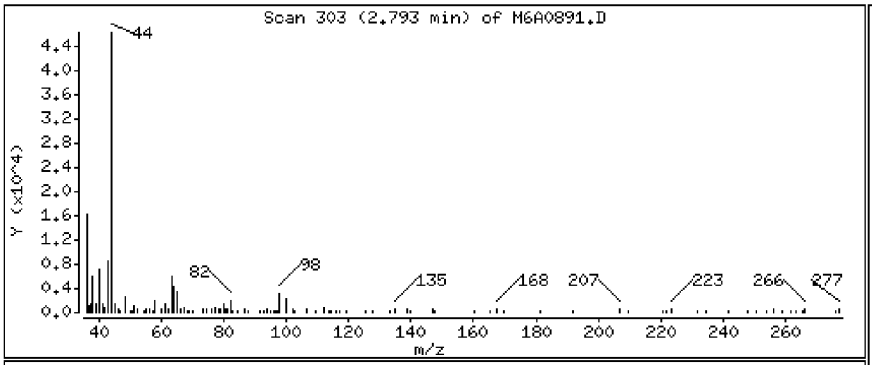
Client ID: VBLK6P Instrument: vms06.i

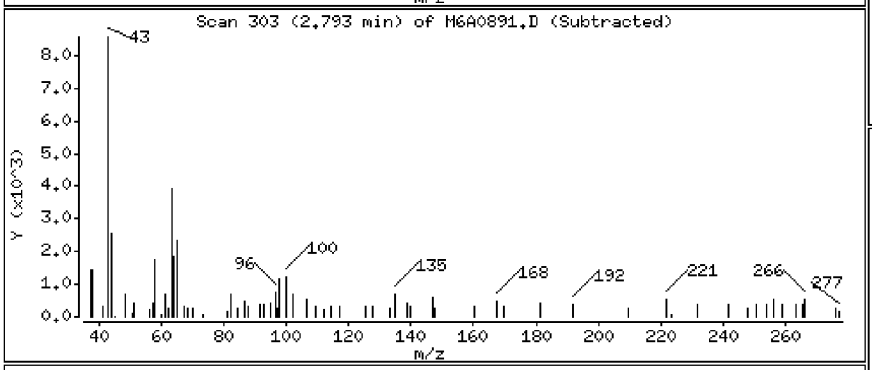
Sample Info: VBLK6P

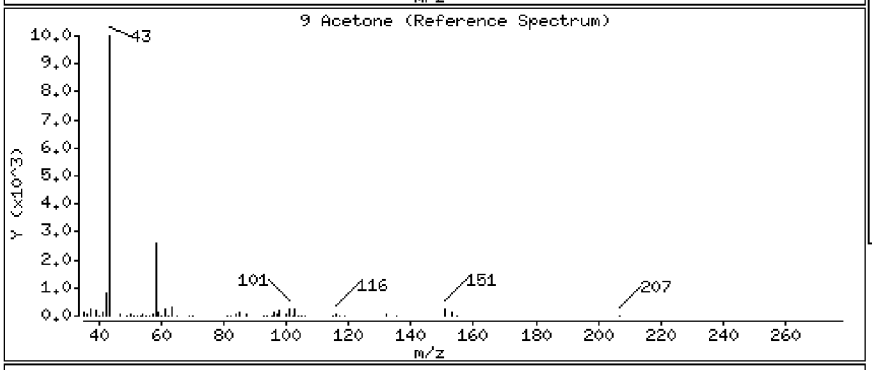
Purge Volume: 5.0 Operator: MST

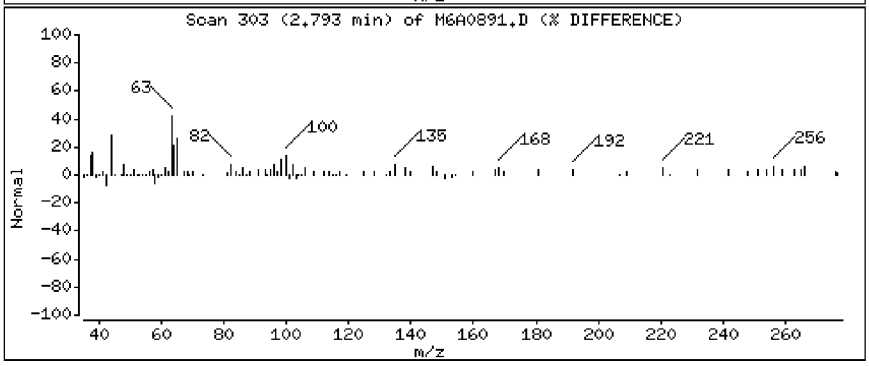
Column phase: DB-624 Column diameter: 0.18

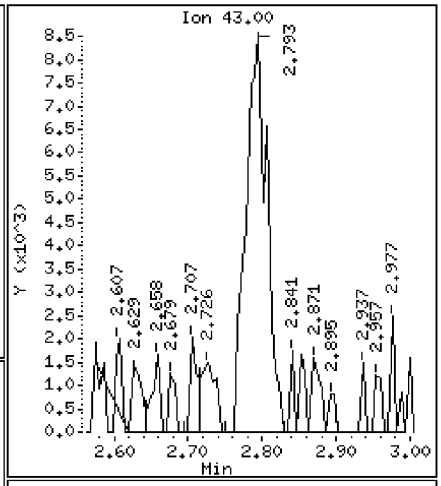
9 Acetone Concentration: 3.63337 ug/L

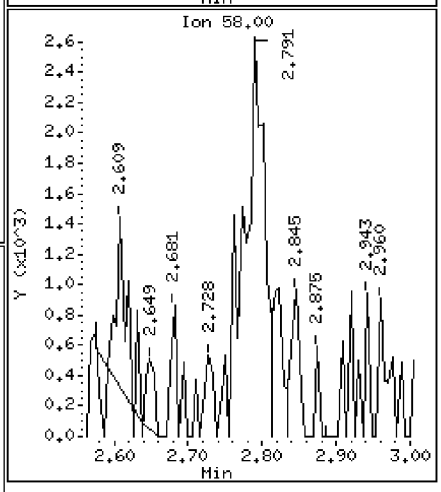


Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D 

Date : 29-JUN-2012 10:21

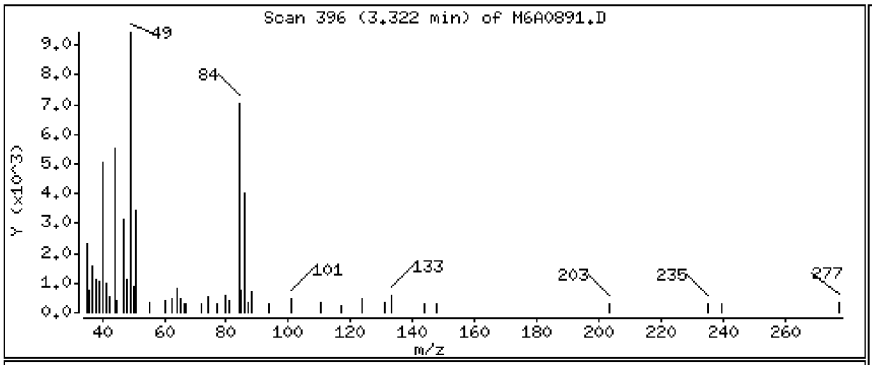
Client ID: VBLK6P Instrument: vms06.i

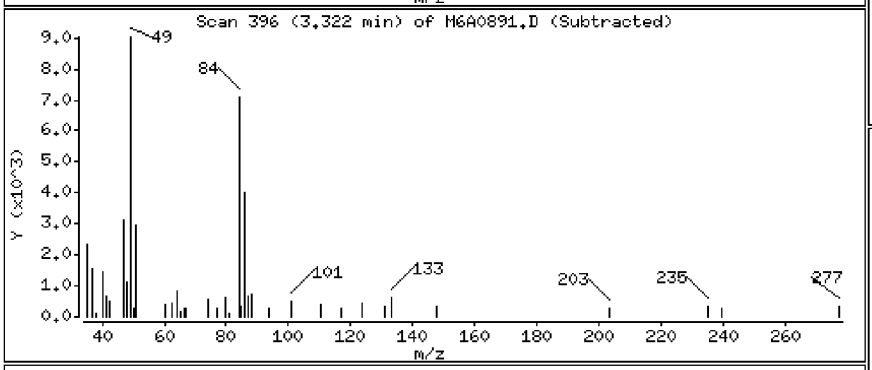
Sample Info: VBLK6P

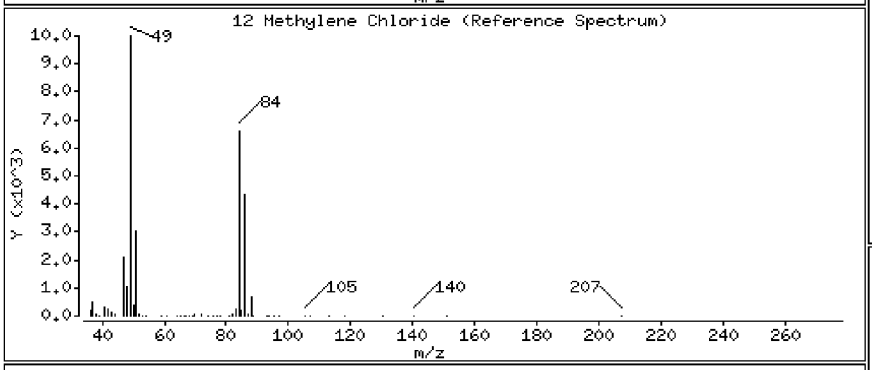
Purge Volume: 5.0 Operator: MST

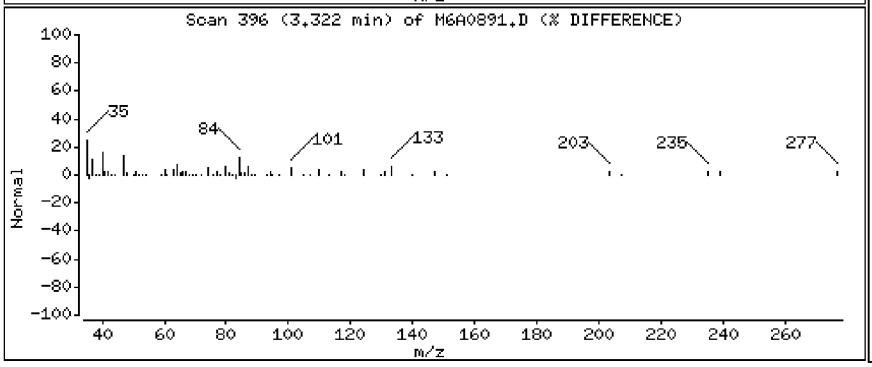
Column phase: DB-624 Column diameter: 0.18

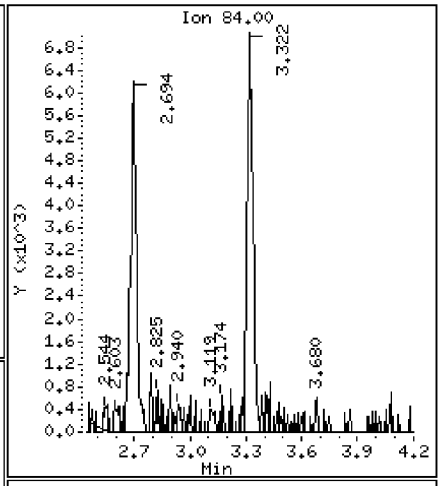
12 Methylene Chloride Concentration: 0.919038 ug/L

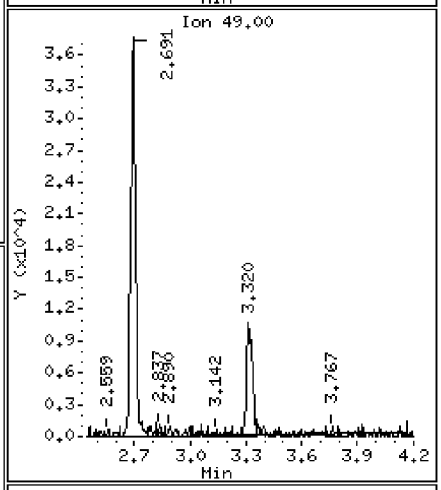


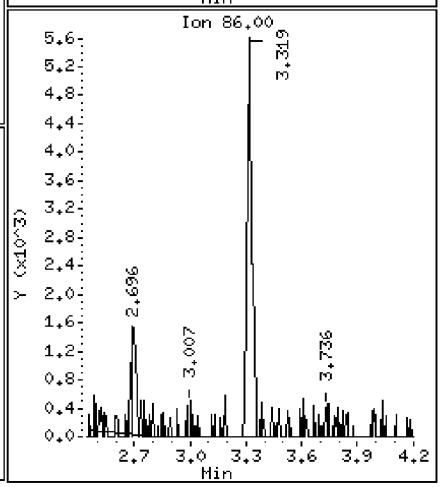



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D 

Date : 29-JUN-2012 10:21

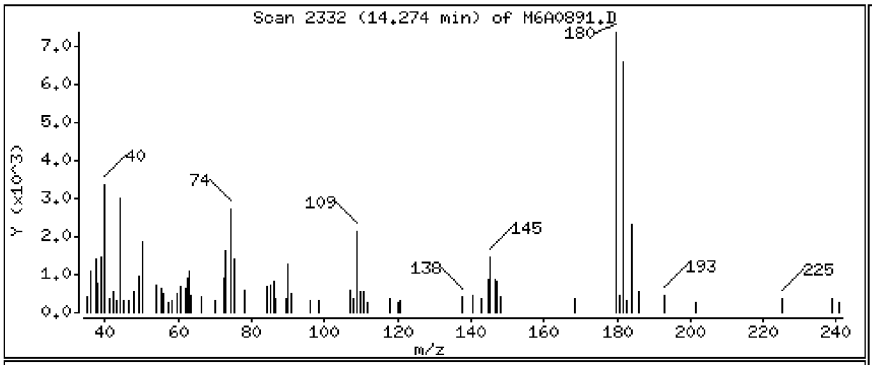
Client ID: VBLK6P Instrument: vms06.i

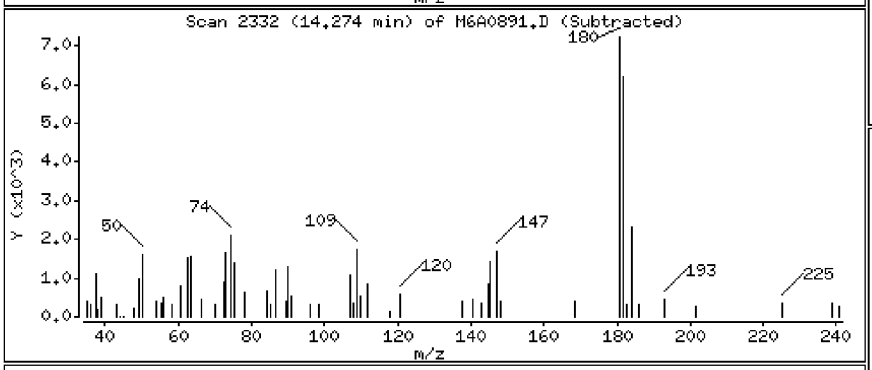
Sample Info: VBLK6P

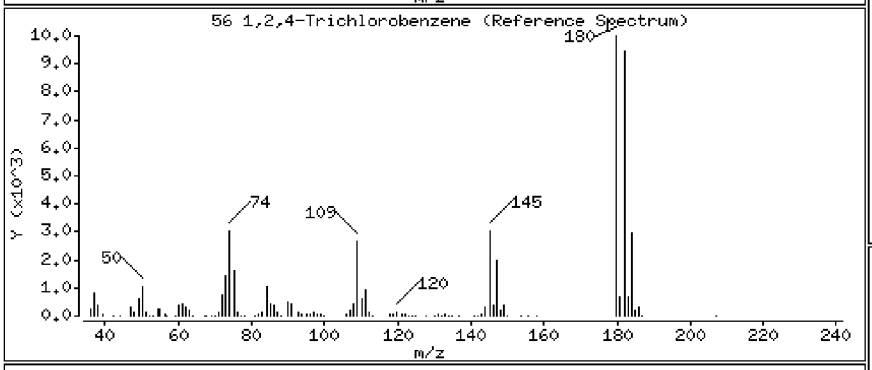
Purge Volume: 5.0 Operator: MST

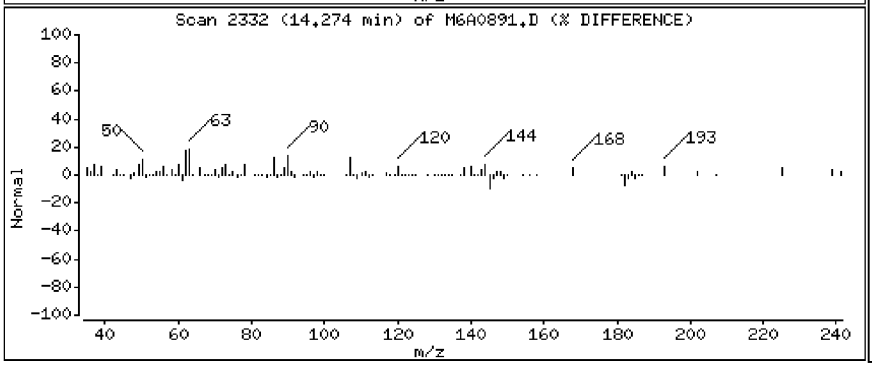
Column phase: DB-624 Column diameter: 0.18

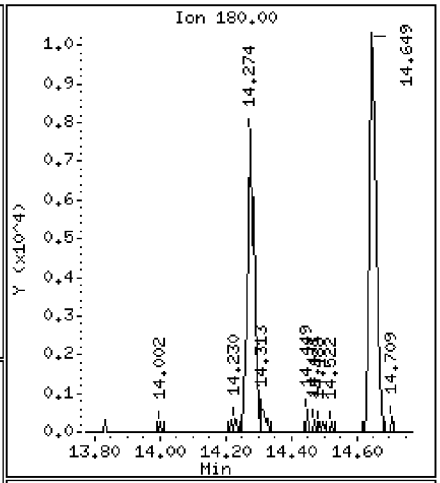
56 1,2,4-Trichlorobenzene Concentration: 0.699604 ug/L

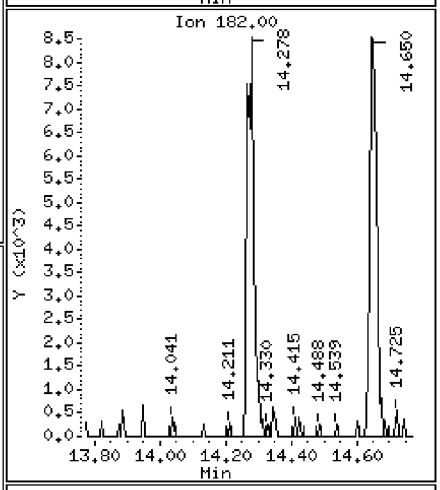


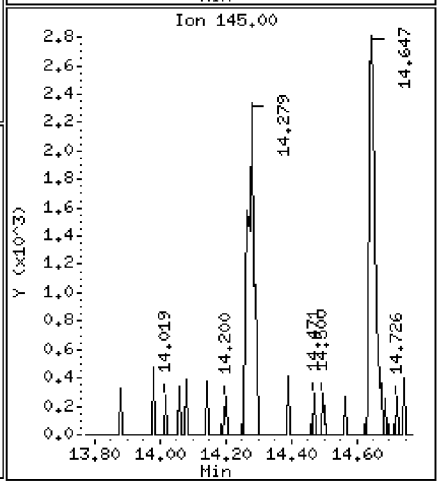



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0891.D 

Date : 29-JUN-2012 10:21

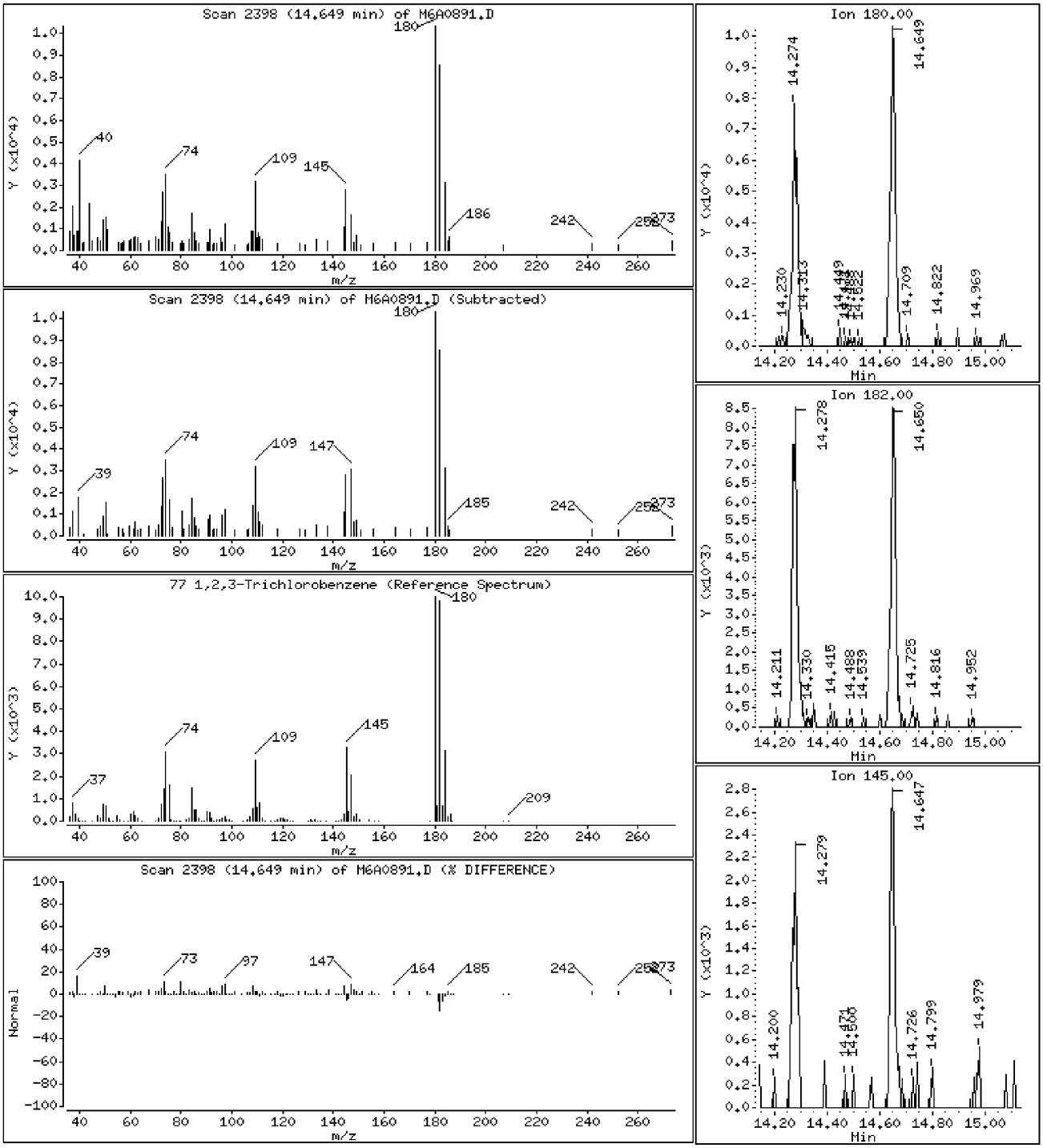
Client ID: VBLK6P Instrument: vms06.i

Sample Info: VBLK6P

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

77 1,2,3-Trichlorobenzene Concentration: 1.32384 ug/L



1A- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6Q

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6Q
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0910.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 0.82 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK6Q

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6Q
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0910.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.77 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.3 | J |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.
VBLK6Q

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: 3506386
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VBLK6Q
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0910.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/29/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D
Lab Smp Id: VBLK6Q  Client Smp ID: VBLK6Q
Inj Date : 29-JUN-2012 18:39  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VBLK6Q
Misc Info : 1
Comment :
Method : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 24  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.480 | 1.489 | (0.215) | 1249821 | 41.7143 | 41.7143 |
| $ 80 Chloroethane-d5 | 69 | 1.863 | 1.870 | (0.270) | 1183128 | 42.5446 | 42.5446 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.681 | 2.693 | (0.389) | 1350954 | 32.1849 | 32.1849 |
| 12 Methylene Chloride | 84 | 3.321 | 3.323 | (0.481) | 14623 | 0.82159 | 0.821586 |
| $ 82 2-Butanone-d5 | 46 | 5.221 | 5.226 | (0.757) | 335438 | 153.416 | 153.416 |
| $ 83 Chloroform-d | 84 | 5.686 | 5.687 | (0.824) | 1632246 | 47.8587 | 47.8587(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.320 | 6.321 | (0.916) | 915516 | 52.4008 | 52.4008 |
| $ 84 Benzene-d6 | 84 | 6.347 | 6.349 | (0.636) | 3747760 | 51.1315 | 51.1315 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 2920620 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1081762 | 52.2211 | 52.2211 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.536 | (1.092) | 80932 | 1412.49 | 1412.49 |
| $ 33 Toluene-d8 | 98 | 8.511 | 8.511 | (0.853) | 3533293 | 51.3754 | 51.3754 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.783 | 8.783 | (0.880) | 888816 | 57.2627 | 57.2627(Q) |
| $ 87 2-Hexanone-d5 | 63 | 9.228 | 9.227 | (0.925) | 308101 | 118.017 | 118.017 |
| * 42 Chlorobenzene-d5 | 117 | 9.981 | 9.981 | (1.000) | 2467887 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.283 | 11.281 | (1.130) | 685925 | 55.9593 | 55.9593 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.319 | 12.318 | (1.000) | 1027961 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.690 | 12.689 | (1.030) | 933776 | 53.0725 | 53.0725 |
| 56 1,2,4-Trichlorobenzene | 180 | 14.278 | 14.273 | (1.159) | 10576 | 0.77117 | 0.771167 |
| 77 1,2,3-Trichlorobenzene | 180 | 14.646 | 14.641 | (1.189) | 12723 | 1.31991 | 1.31991 |

QC Flag Legend

Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

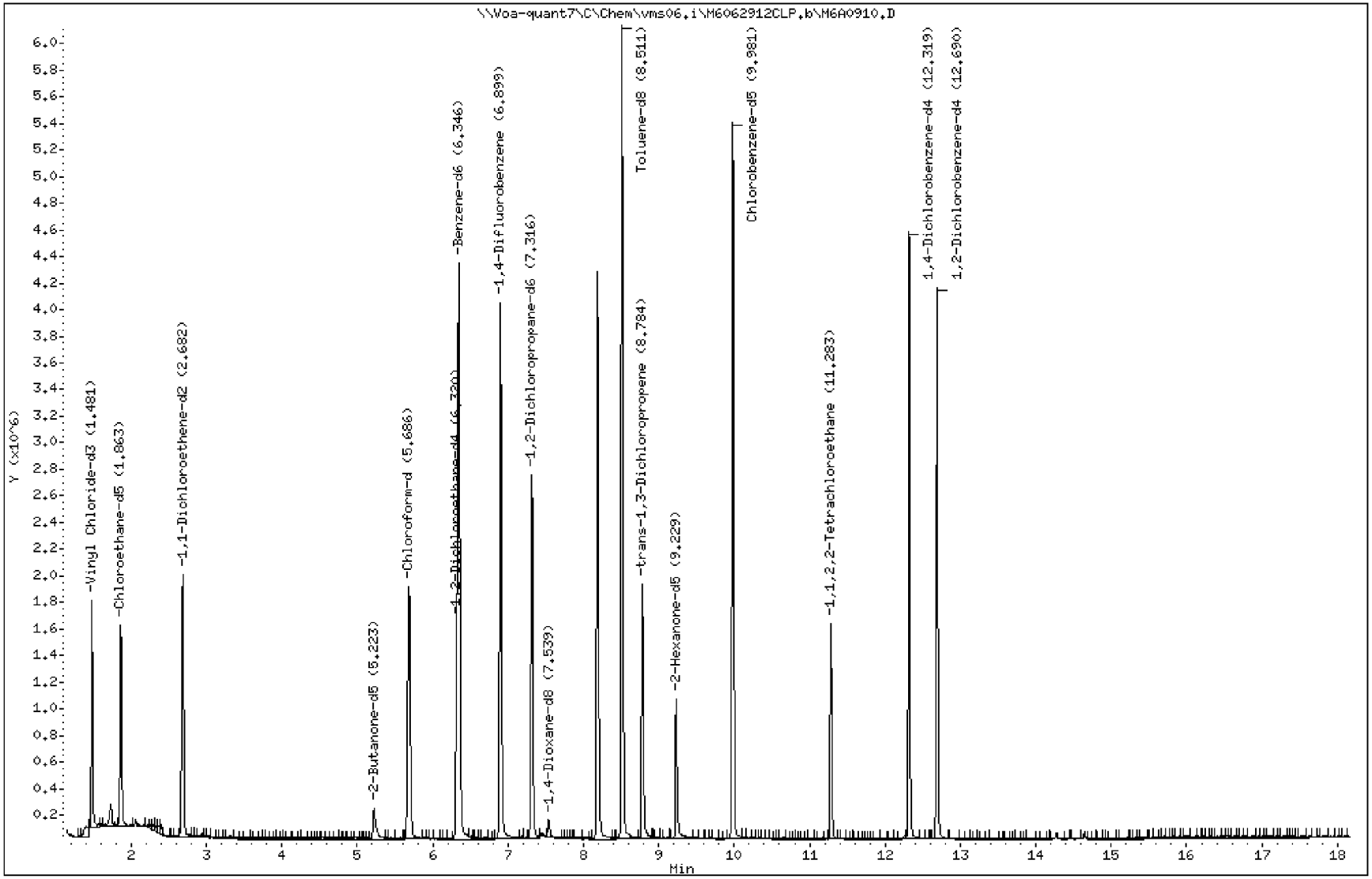
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D
Lab Smp Id: VBLK6Q  Client Smp ID: VBLK6Q
Inj Date  : 29-JUN-2012 18:39  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VBLK6Q
Misc Info : 1
Comment  :
Method  : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 24  QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D
Date : 29-JUN-2012 18:39
Client ID: VBLK6Q
Sample Info: VBLK6Q
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D 

Date : 29-JUN-2012 18:39

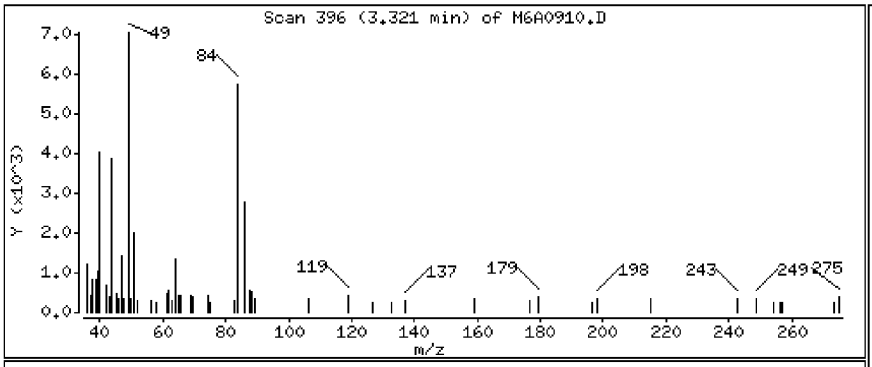
Client ID: VBLK6Q Instrument: vms06.i

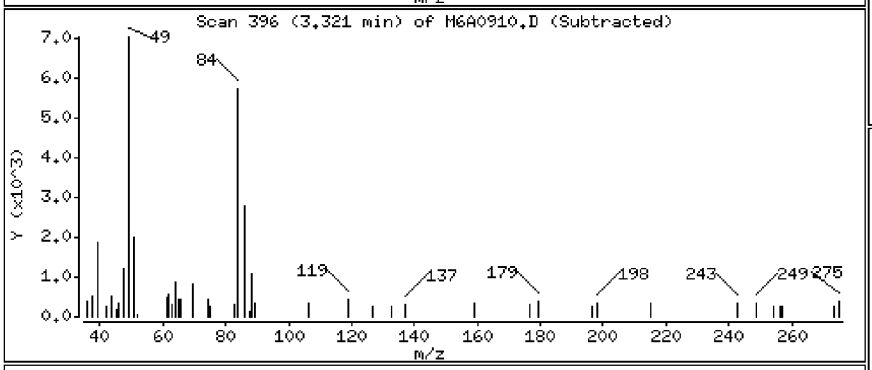
Sample Info: VBLK6Q

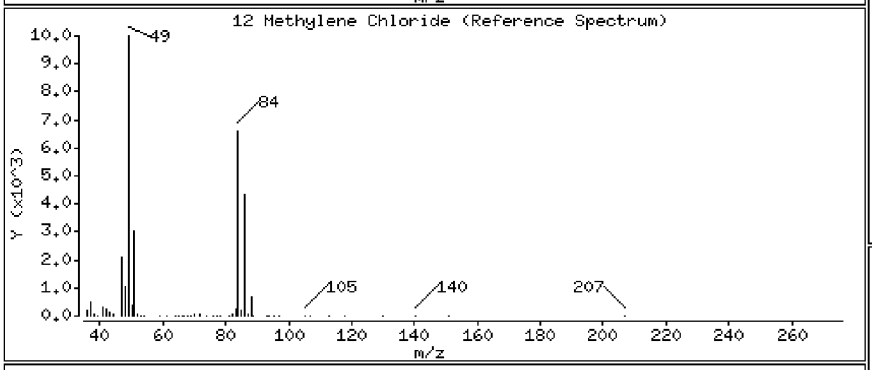
Purge Volume: 5.0 Operator: MST

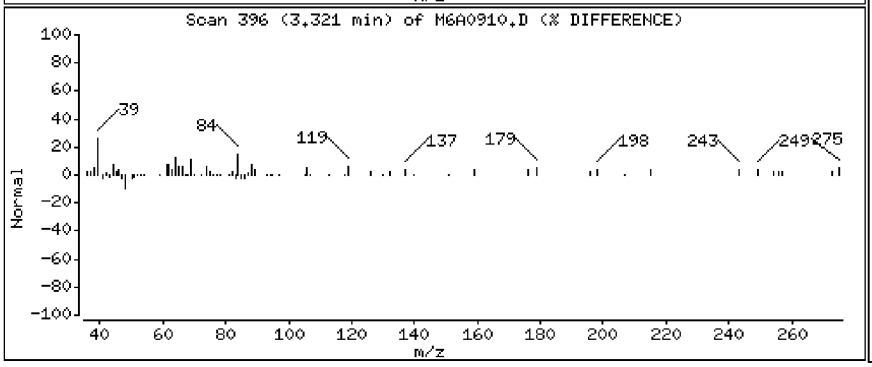
Column phase: DB-624 Column diameter: 0.18

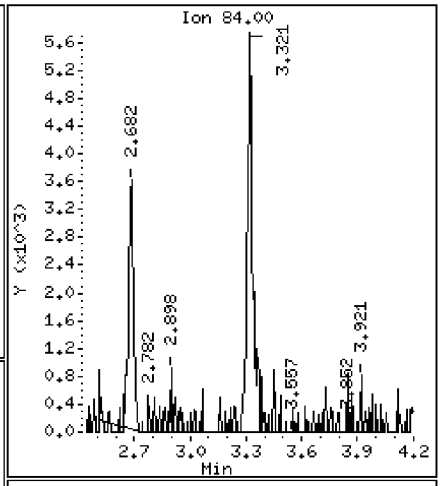
12 Methylene Chloride Concentration: 0.821586 ug/L

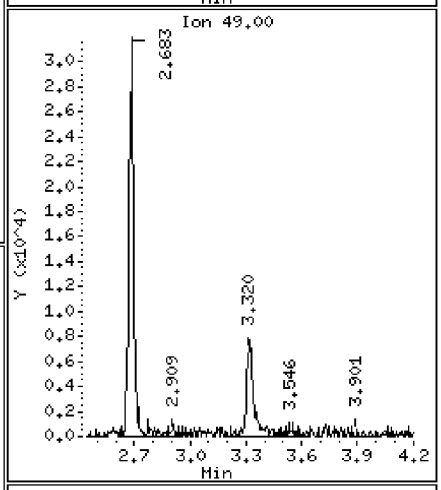


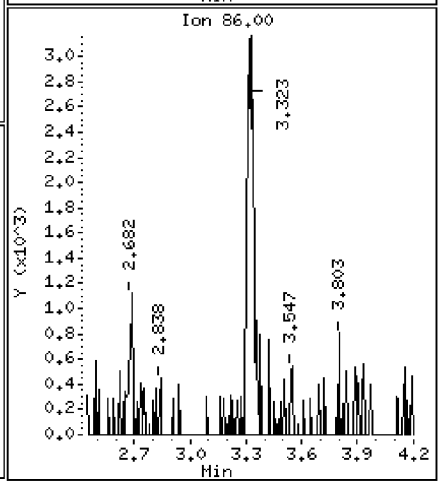



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D 

Date : 29-JUN-2012 18:39

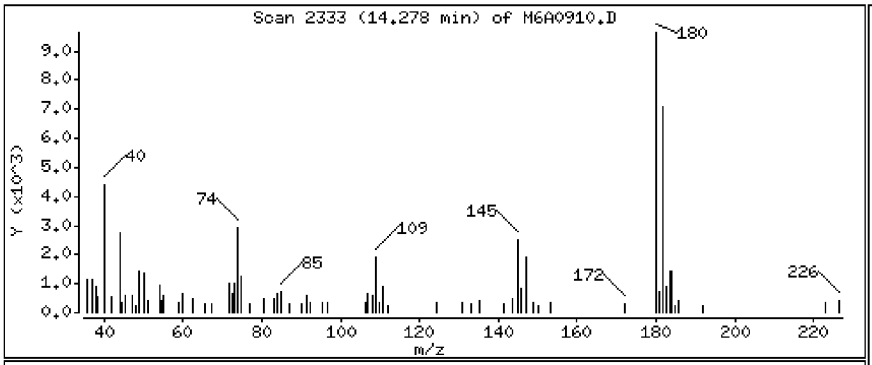
Client ID: VBLK6Q Instrument: vms06.i

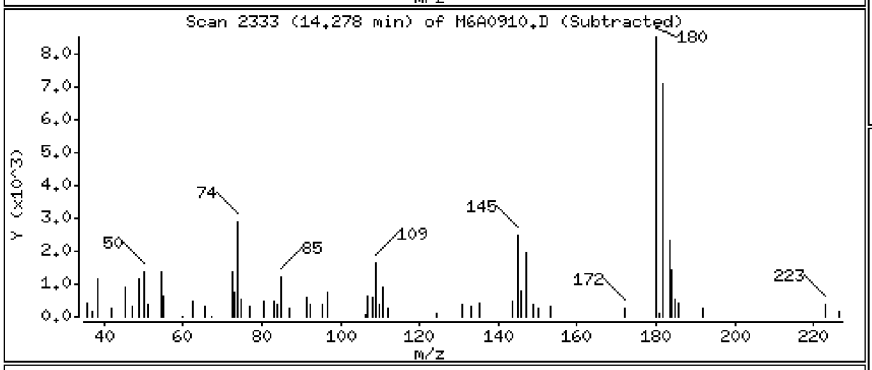
Sample Info: VBLK6Q

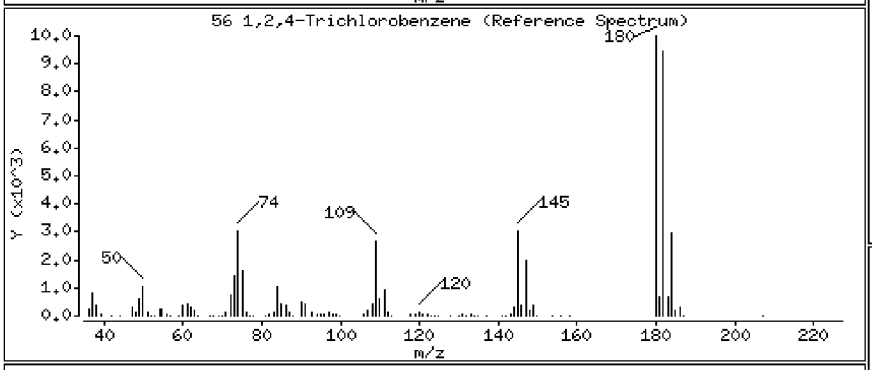
Purge Volume: 5.0 Operator: MST

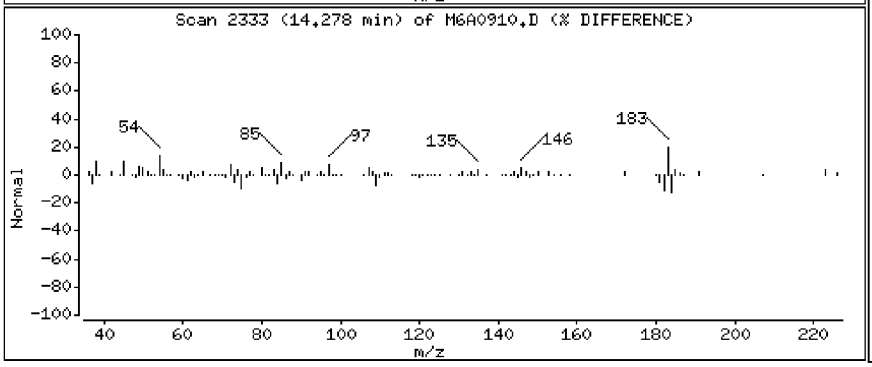
Column phase: DB-624 Column diameter: 0.18

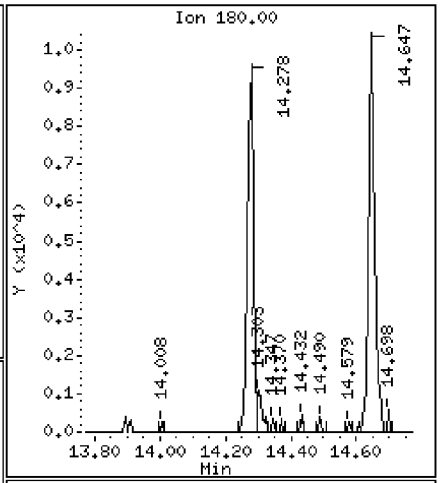
56 1,2,4-Trichlorobenzene Concentration: 0.771167 ug/L

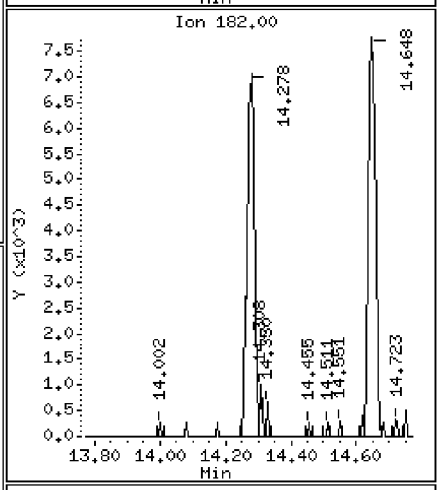


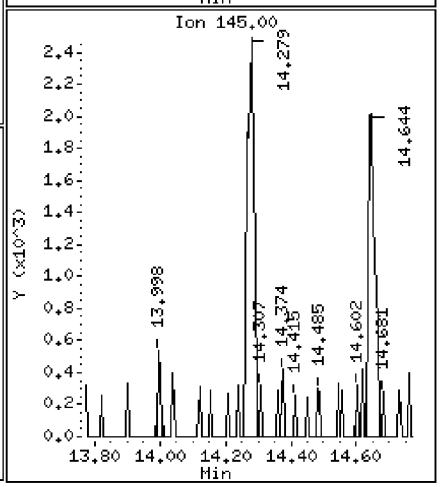



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0910.D 

Date : 29-JUN-2012 18:39

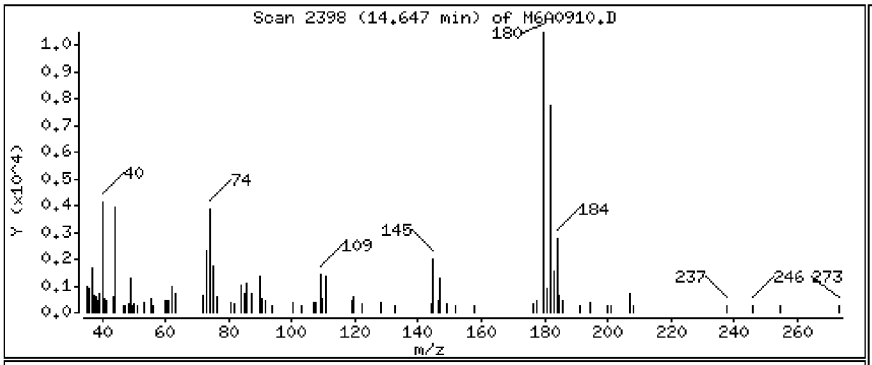
Client ID: VBLK6Q Instrument: vms06.i

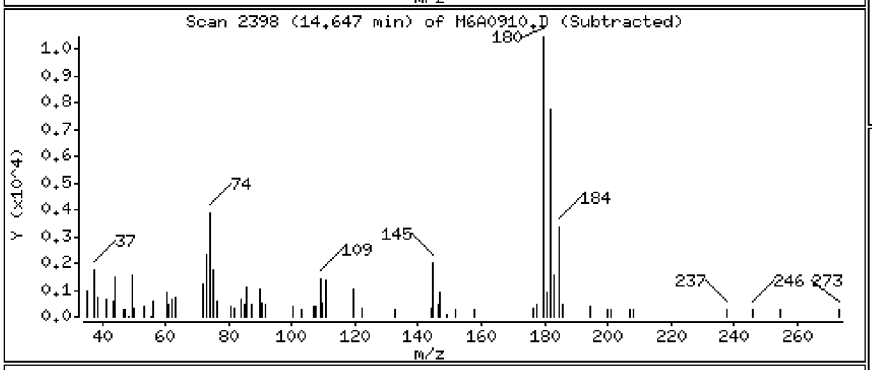
Sample Info: VBLK6Q

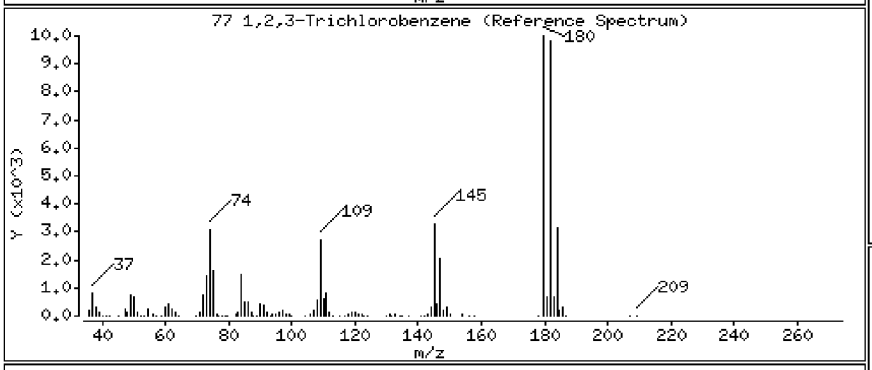
Purge Volume: 5.0 Operator: MST

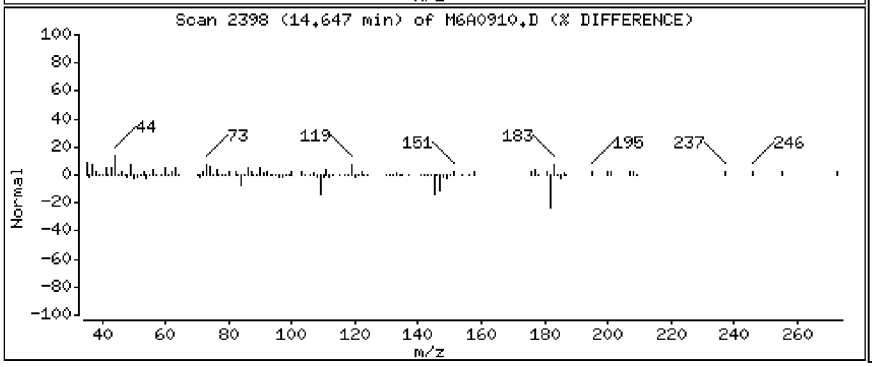
Column phase: DB-624 Column diameter: 0.18

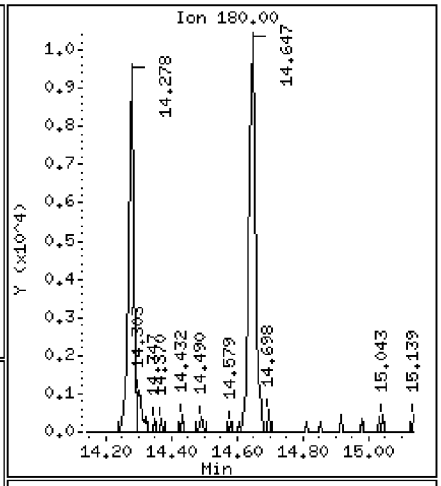
77 1,2,3-Trichlorobenzene Concentration: 1.31991 ug/L

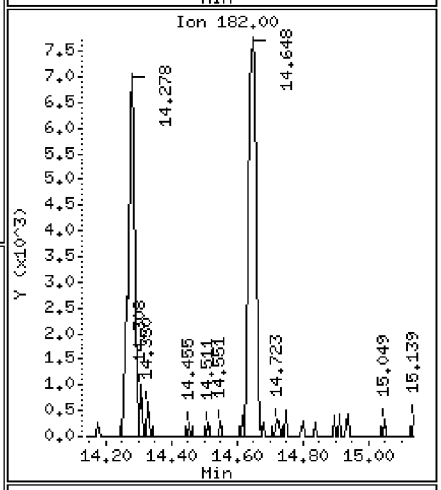


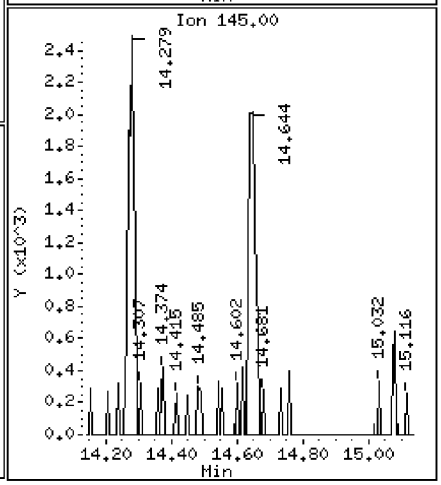



1A- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VHBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VHBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0926.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/30/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5.0 | U |
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 75-69-4 | Trichlorofluoromethane | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon disulfide | 5.0 | U |
| 79-20-9 | Methyl Acetate | 5.0 | U |
| 75-09-2 | Methylene chloride | 1.1 | JB |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 74-97-5 | Bromochloromethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 110-82-7 | Cyclohexane | 5.0 | U |
| 56-23-5 | Carbon tetrachloride | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 123-91-1 | 1,4-Dioxane | 100 | U |

SOM01.2 (6/2007)

1B- FORM I VOA- 1
VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
VHBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: F5YB1
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VHBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0926.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/30/2012
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Sample Aliquot Volume (uL)
Purge Volume: 5.0 (mL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/kg)UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 5.0 | U |
| 108-87-2 | Methylcyclohexane | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 106-93-4 | 1,2-Dibromoethane | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 95-47-6 | o-Xylene | 5.0 | U |
| 179601-23-1 | m,p-Xylene | 5.0 | U |
| 100-42-5 | Styrene | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 98-82-8 | Isopropylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U |

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.
VHBLK6N

Lab Name: Spectrum Analytical, Inc.
Contract: EP-W-11-034
Lab Code : PEL Case No.: 42616
Mod. Ref No.: SDG No.: 3506386
Matrix: (SOIL/SED/WATER) WATER
Lab Sample ID VHBLK6N
Sample wt/vol: 5.00 (g/mL) ML
Lab File ID: M6A0926.D
Level:(TRACE/LOW/MED) LOW
Date Received:
% Moisture: not dec.
Date Analyzed: 06/30/12
GC Column: DB-624 ID: 0.18 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)
CONCENTRATION UNITS:(ug/L or ug/kg)ug/L
Purge Volume: 5.0 (mL)

| | CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 01 | E966796[2] | Total Alkanes | N/A | | |

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

PEL Laboratories, Inc.

SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0926.D
Lab Smp Id: VHBLK6N  Client Smp ID: VHBLK6N
Inj Date : 30-JUN-2012 01:28  MS Autotune Date: 27-JUN-2012 05:39
Operator : MST  Inst ID: vms06.i
Smp Info : VHBLK6N
Misc Info :
Comment :
Method : \\VOA-QUANT7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.000 | Dilution Factor |
| Vf | 5.000 | Final Volume (ml) |
| Vo | 5.000 | Sample volume purged (mL) |
| DF | 1.000 | DilutionFactor |
| Cpnd Variable | | Local Compound Variable |

| Compounds | QUANT SIG MASS | RT | EXP RT | REL RT | RESPONSE | CONCENTRATIONS ON-COLUMN ( ug/L) | FINAL ( ug/L) |
|---|---|---|---|---|---|---|---|
| $ 79 Vinyl Chloride-d3 | 65 | 1.489 | 1.489 | (0.216) | 1420293 | 36.9855 | 36.9855 |
| $ 80 Chloroethane-d5 | 69 | 1.871 | 1.870 | (0.271) | 1463405 | 41.0576 | 41.0576 |
| $ 81 1,1-Dichloroethene-d2 | 63 | 2.688 | 2.693 | (0.390) | 1710712 | 31.7985 | 31.7985 |
| 12 Methylene Chloride | 84 | 3.326 | 3.323 | (0.482) | 24996 | 1.09573 | 1.09573 |
| $ 82 2-Butanone-d5 | 46 | 5.231 | 5.226 | (0.758) | 273731 | 97.6788 | 97.6788 |
| 18 Bromochloromethane | 128 | 5.556 | 5.569 | (0.805) | 189 | 0.02145 | 0.0214536(aQ) |
| $ 83 Chloroform-d | 84 | 5.686 | 5.687 | (0.824) | 2057098 | 47.0595 | 47.0595(Q) |
| $ 23 1,2-Dichloroethane-d4 | 65 | 6.321 | 6.321 | (0.916) | 1113688 | 49.7339 | 49.7339 |
| $ 84 Benzene-d6 | 84 | 6.348 | 6.349 | (0.636) | 4744201 | 50.2556 | 50.2556 |
| * 26 1,4-Difluorobenzene | 114 | 6.899 | 6.899 | (1.000) | 3743329 | 50.0000 | |
| $ 85 1,2-Dichloropropane-d6 | 67 | 7.315 | 7.316 | (0.733) | 1379089 | 51.6905 | 51.6905 |
| $ 94 1,4-Dioxane-d8 | 96 | 7.536 | 7.536 | (1.092) | 103596 | 1410.67 | 1410.67(Q) |
| $ 33 Toluene-d8 | 98 | 8.510 | 8.511 | (0.853) | 4534938 | 51.1978 | 51.1978 |
| $ 86 trans-1,3-Dichloropropene-d4 | 79 | 8.784 | 8.783 | (0.880) | 1033579 | 51.7021 | 51.7021 |
| $ 87 2-Hexanone-d5 | 63 | 9.227 | 9.227 | (0.925) | 321665 | 95.6667 | 95.6667 |
| * 42 Chlorobenzene-d5 | 117 | 9.980 | 9.981 | (1.000) | 3178489 | 50.0000 | |
| $ 89 1,1,2,2-Tetrachloroethane-d2 | 84 | 11.282 | 11.281 | (1.130) | 741959 | 46.9981 | 46.9981 |
| * 78 1,4-Dichlorobenzene-d4 | 152 | 12.318 | 12.318 | (1.000) | 1338548 | 50.0000 | |
| $ 90 1,2-Dichlorobenzene-d4 | 152 | 12.689 | 12.689 | (1.030) | 1174011 | 51.2438 | 51.2438 |

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

PEL Laboratories, Inc.

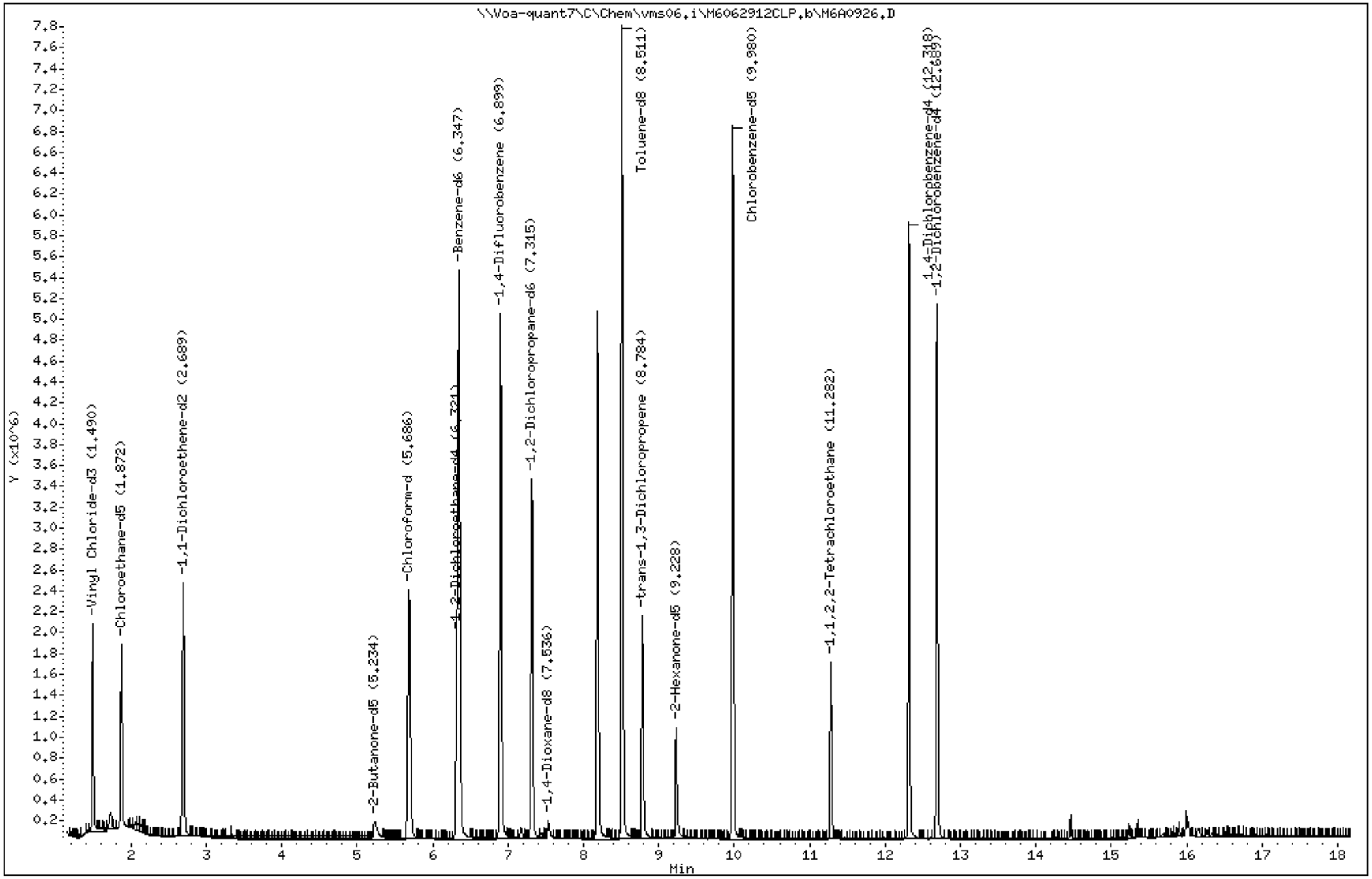
SOM01.2- Low/Med Volatiles

Data file : \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0926.D
Lab Smp Id: VHBLK6N  Client Smp ID: VHBLK6N
Inj Date  : 30-JUN-2012 01:28  MS Autotune Date: 27-JUN-2012 05:39
Operator  : MST  Inst ID: vms06.i
Smp Info  : VHBLK6N
Misc Info :
Comment  :
Method  : \\VOA-QUANT7\C\Chem\vms06.i\M6062912CLP.b\VOAMED.m
Meth Date : 06-Jul-2012 17:19 methree  Quant Type: ISTD
Cal Date  : 27-JUN-2012 06:47  Cal File: M6A0796.D
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP Genie  Compound Sublist: all.sub
Target Version:  4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0926.D
Date : 30-JUN-2012 01:28
Client ID: VHBLK6N
Sample Info: VHBLK6N
Purge Volume: 5.0
Column phase: DB-624

Instrument: vms06.i
Operator: MST
Column diameter: 0.18



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0926.D 

Date : 30-JUN-2012 01:28

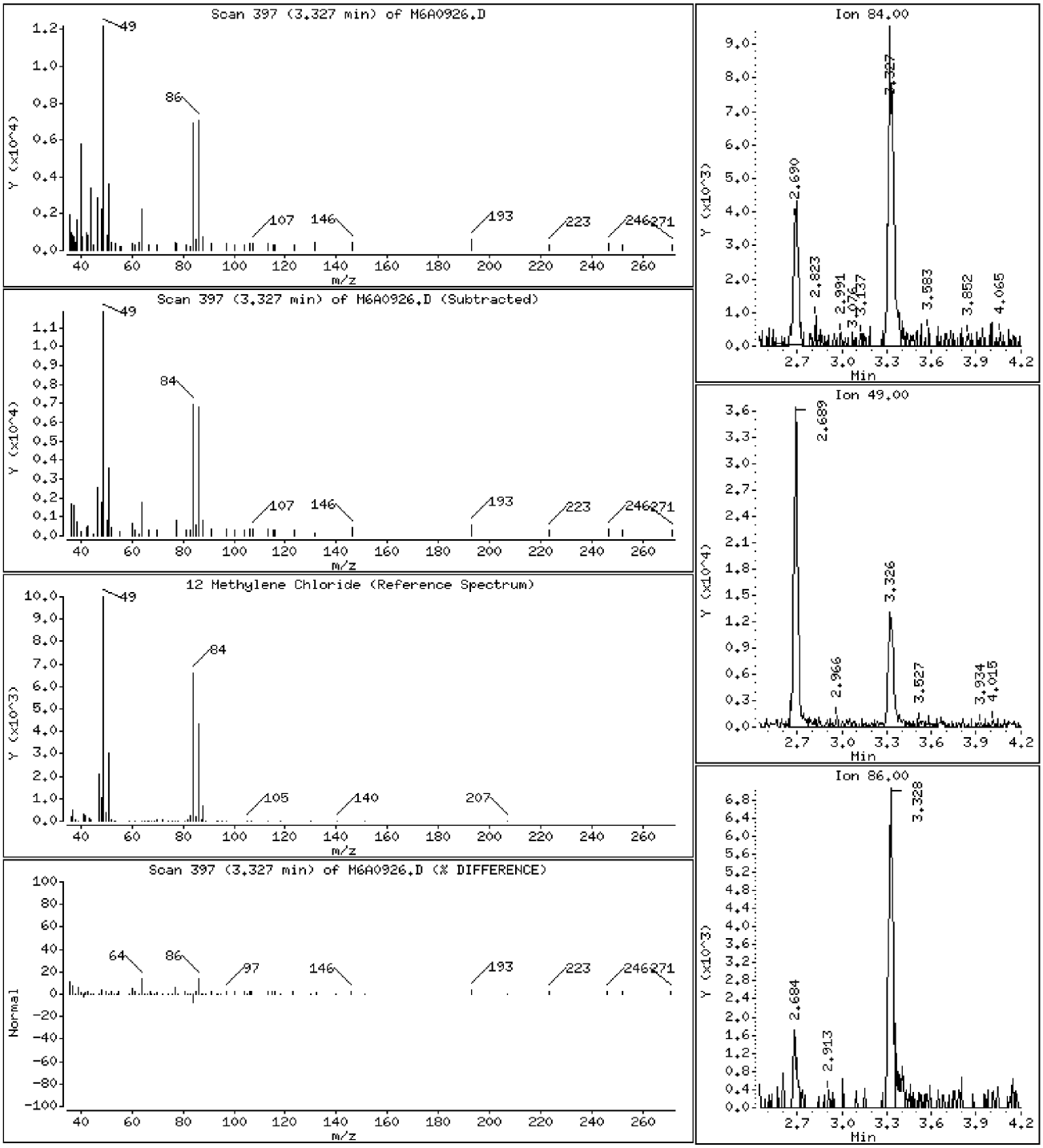
Client ID: VHBLK6N Instrument: vms06.i

Sample Info: VHBLK6N

Purge Volume: 5.0 Operator: MST

Column phase: DB-624 Column diameter: 0.18

12 Methylene Chloride Concentration: 1.09573 ug/L



Data File: \\Voa-quant7\C\Chem\vms06.i\M6062912CLP.b\M6A0926.D 

Date : 30-JUN-2012 01:28

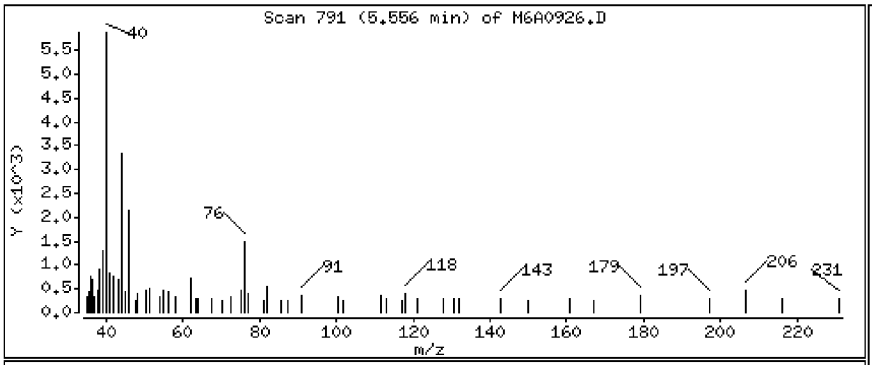
Client ID: VHBLK6N Instrument: vms06.i

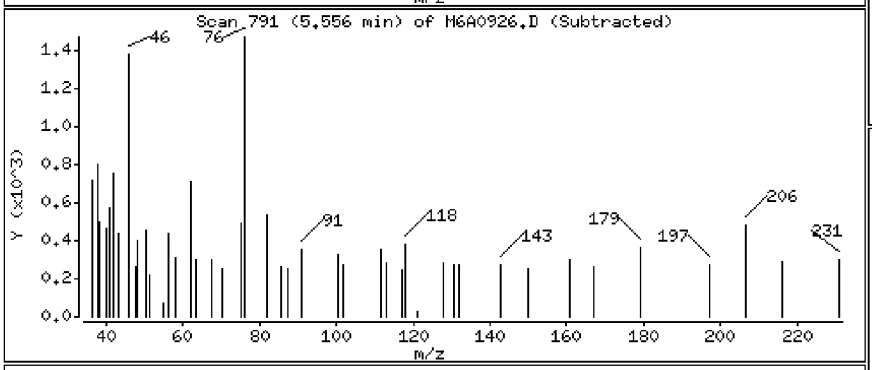
Sample Info: VHBLK6N

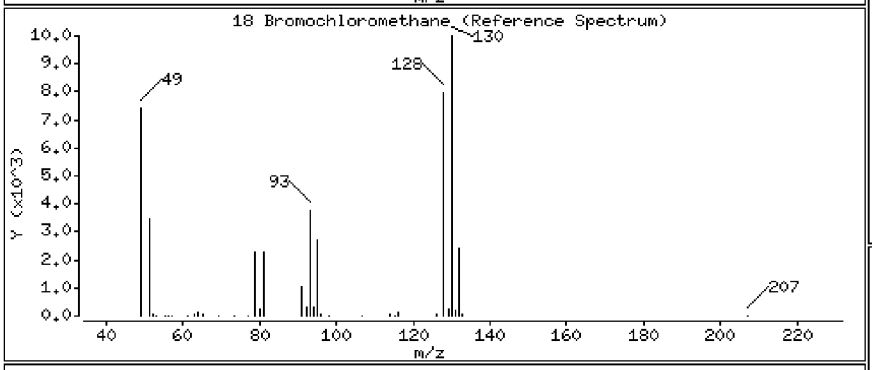
Purge Volume: 5.0 Operator: MST

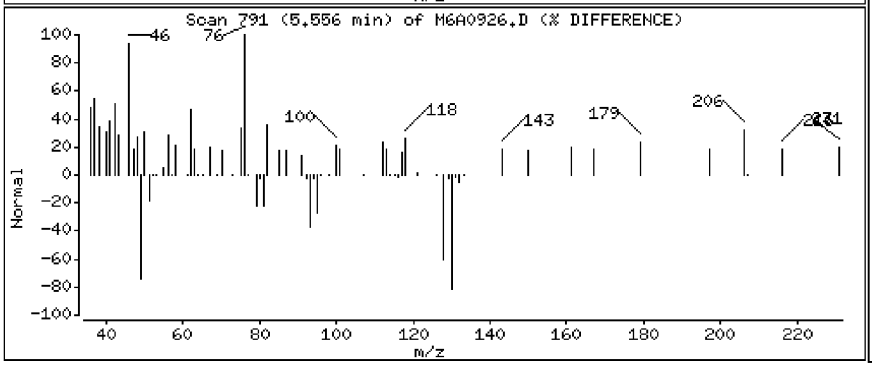
Column phase: DB-624 Column diameter: 0.18

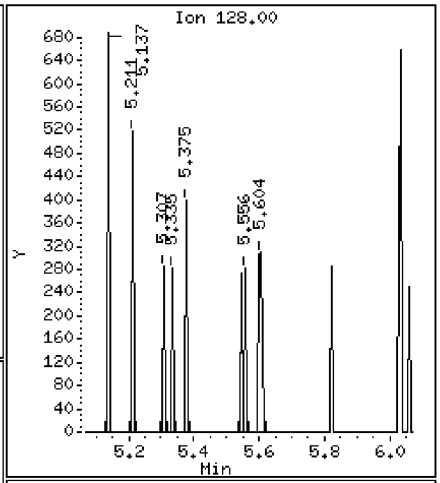
18 Bromochloromethane Concentration: 0.0214536 ug/L

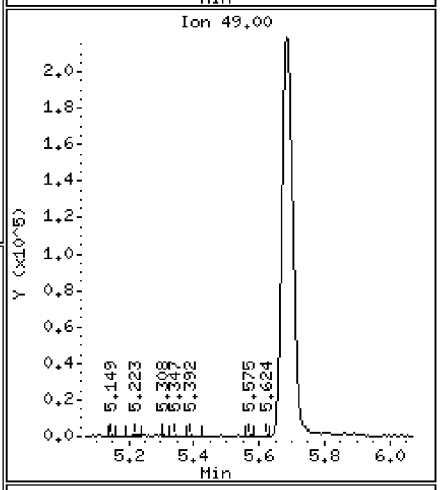


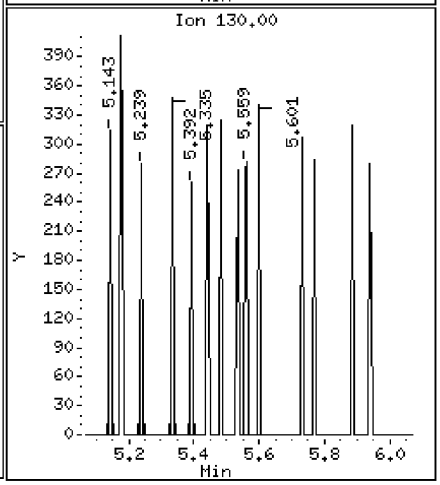



FUAL

UOA - SOM - LOW - WATER

VMS06 M6062712CLPC MS

| INS. TIME | FILE | LAB ID | CLIENT ID | COMMENTS |
|---|---|---|---|---|
| 05:41 | M6A0794 | BFB6L | BFB6L | |
| | M6A0795 | VSTD005 6M | VSTD005 6M | |
| | M6A0796 | VSTD010 6M | VSTD010 6M | |
| | M6A0797 | VSTD050 6M | VSTD050 6M | 3276440 |
| | M6A0798 | VSTD100 6M | VSTD100 6M | |
| | M6A0799 | VSTD200 6M | VSTD200 6M | |
| | X M6A0800 | VBIK6L | VBIK6L | |
| | X M6A0801 | VBIK6L | VBIK6L | |
| | M6A0802 | VBIK6L ✓ | VBIK6L | OK |
| | M6A0803 | 3506379 01 ✓ | FS4A0 | ✓ |
| | M6A0804 | 3506379 02 ✓ | FS4A1 | ✓ |
| | M6A0805 | 3506379 03 ✓ | FS4A2 | ✓ |
| | M6A0806 | 3506379 04 ✓ | FS4A3 | ✓ |
| | M6A0807 | 3506379 06 ✓ | FS4B8 | ✓ |
| | M6A0808 | 3506379 07 ✓ | FS4B9 | ✓ |
| | M6A0809 | 3506379 09 ✓ | FS4C0 | ✓ |
| | M6A0810 | 3506379 09 ✓ | FS4C1 | ✓ |
| | M6A0811 | 3506379 10 ✓ | FS4C2 | ✓ |
| | M6A0812 | 3506379 11 ✓ | FS4C3 | ✓ |
| | M6A0813 | 3506379 12 ✓ | FS4C9 | ✓ |
| | M6A0814 | 3506379 13 ✓ | FS4D3 | ✓ |
| | M6A0815 | 3506379 14 ✓ | FS4E0 | ✓ |
| | M6A0816 | 3506379 15 ✓ | FS4E5 | ✓ |
| | X M6A0817 | VSTD050 6N | VSTD050 6N | |
| 17:28 | M6A0818 | VSTD050 6N | VSTD050 6N | closing cal |

WORKING STD USED

| | | |
|---|---|---|
| ISTD 46403 | | Analyst: MJT |
| DMC 46404 | | Review: [illegible] |
| CAL 46405 | | |
| BFB 46622 | H2O 45202 | |

UOA - SCM - LOW WATER

UM506 M6062812PCLP MS5

| INJ. TIME | File | Lab ID | Client ID | Comments |
|---|---|---|---|---|
| 11:27 | M6A0842 | BFP6M | BFP6M | |
| | M6A0843 | USTD0506P | USTD0506P | 3061430 ~~3276440~~ |
| | X M6A0844 | USTD0506P | USTD0506P | |
| | X M6A0845 | UBIK6N | UBIK6N | |
| | X M6A0846 | UBIK6N | UBIK6N | |
| | M6A0847 | UBIK6N | UBIK6N | |
| | M6A0848 | 350638601 | F54B1 | |
| | M6A0849 | 350637917 | F54A6 ~~F54B2~~ | |
| | M6A0850 | 350637918 | F54A8 | |
| | M6A0851 | 350637919 | F54A9 | |
| | M6A0852 | 350637920 | F54B0 | |
| | M6A0853 | 350637905 | F54A4 | only (5+) |
| | M6A0854 ✓ | 350637916 | F54A5 | (need 5+) (2+) |
| | X M6A0855 | 350638602 | F54B2 | |
| | M6A0856 | 350638603 | F54B4 | |
| | M6A0857 | 350638604 | F54C4 | |
| | M6A0858 | 350638605 | F54D0 | |
| | M6A0859 | 350638606 | F54D1 | |
| | M6A0860 | 350638607 | F54D4 | |
| | M6A0861 | 350638608 | F54E1 | |
| | M6A0862 | 350638609 | F54E2 | |
| | M6A0863 ✓ | 350637916 | F54A5RE | (5+) |
| | M6A0864 | UHBIK6L ✓ | UHBIK6L | SB for 379 |
| | X M6A0866 | USTD0506Q | USTD0506Q | |
| 21:50 | M6A0867 | USTD0506Q | USTD0506Q | closing & opening cov |

WORKING STD USED

ISTD 46403 CAL 46405 Analyst MSD

DMC 46404 BFB 46622 H2O 45202

5x: 10ml/50ml

2x: 25ml/50ml

UGA - SUM - LOW - WATER

MJ
Um506 ~~8/21~~ TE MJ 6/25 M6062812PCLP continued MJ

| INS. TIME | File | Lab. ID | Client ID | comments |
|---|---|---|---|---|
| 21:50 | M1A0867 | USTD0506Q | USTD0506Q | closing & opening CCV 2443202 |
| | X M1A0868 | UB1K60 | UB1K60 | |
| | M1A0869 | UB1K60 | UB1K60 | OK |
| | X M1A0870 | UB1K60 | UB1K60 | |
| | M1A0871 | 350635611 | FSYA7 | |
| | M1A0872 | 12 | FSYB3 | |
| | M1A0873 | 13 | FSYB5 | |
| | M1A0874 | 14 | FSYB6 | |
| | M1A0875 | 15 | FSYB7 | |
| | M1A0876 | 16 | FSYC5 | |
| | M1A0877 | 17 | FSYC6 | |
| | M1A0878 | 18 | FSYC7DL | Running full (4X) |
| | M1A0879 | 19 | FSYC8 | |
| | M1A0880 | 20 | FSYD5 | |
| | M1A0881 | 10 | FSYE6 | |
| | M1A0882 | 02 | FSYB2 | |
| | M1A0883 | UHB1K6M | UHB1K6M | |
| | M1A0884 | UHB1K6M | UHB1K6M | |
| | X M1A0885 | USTD0506R | USTD0506R | |
| 05:51 | M1A0886 | USTD0506R | USTD0506R | closing CCV |

WORKING STD USED

ISTD 46403 Analyst: MJ
DMC 46404 Reviewer: UW
CAL 46405 (4X) = 12.5ml/50ml
BFB 46622
H2O 45202

UOA-SOM-LOW-WATER

Vm506 MS M6062912CLP

| Ins Time | File | Lab ID | Client ID | Comments |
|---|---|---|---|---|
| [illegible] | M6A0887 | BFB6N | BFB6N | |
| X | M6A0888 | VSTD0506S | VSTD0506S | |
| | M6A0889 | VSTD0506S | VSTD0506S | |
| X | M6A0890 | VBIK6P | VBIK6P | |
| | M6A0891 | VBIK6P | VBIK6P | on |
| X | M6A0892 | VBIK6P | VBIK6P | |
| | M6A0893 | 350639120 | CY761 | |
| | M6A0894 | VIBIK6P | VIBIK6P | |
| | M6A0895 | 350639101 | CY702 | |
| | M6A0896 | 350639102 | CY703 | |
| | M6A0897 | 350639103 | CY704 | |
| | M6A0898 | 350639104 | CY705 | |
| | M6A0899 | 350639107 | CY730 | |
| | M6A0900 | 350639109 | CY736 | |
| | M6A0901 | 350639110 | CY737 | |
| | M6A0902 | 350639112 | CY739 | |
| | M6A0903 | 350639115 | CY742 | |
| | M6A0904 | 350639116 | CY743 | |
| | M6A0905 | 350639117 | CY756 | |
| | M6A0906 | 350639118 | CY759 | |
| X | M6A0907 | VSTD0506T | VSTD0506T | |
| 17:47 | M6A0908 | VSTD0506T | VSTD0506T | |

WORKING STD USED

ISTD 46403
DMC - 46404
CAL - 46405
BFB - 46622
$H_2O$ 45202

Analyst: MS
Reviewer: [illegible]

UOA - SOM - LOW WATER

Vms06 M6062912CLP continued MTJ

| INJ. TIME | File | Lab. ID | Client. ID | Comments |
|---|---|---|---|---|
| | X MIA0909 | UB1K6Q | UB1K6Q | |
| 15:39 | MIA0910 | UB1K6Q | UB1K6Q | OK |
| | X MIA0911 | UB1K6Q | UB1K6Q | |
| | MIA0912 | 350639120 | CY761 | (4X) |
| | MIA0913 | 350639113 | CY740 | |
| | MIA0914 | UIB1K6Q | UIB1K6Q | NOT NEEDED |
| | MIA0915 | 350639113 | CY740 | (2X) |
| | MIA0916 | 350639114 | CY741 | |
| | MIA0917 | UIB1K6Q | UIB1K6Q | NOT NEEDED |
| | MIA0918 | 350639114 | CY741 | (2X) |
| | MIA0919 | 350639105 | CY708 | |
| | MIA0920 | 350639106 | CY709 | |
| | MIA0921 | 350639108 | CY735 | |
| | MIA0922 | 350639111 | CY738 | |
| | MIA0923 | 350639119 | CY760 | |
| | MIA0924 | 3506~~39~~386 TUMC 6/29/12 19 | F5YC7 | Full |
| | X MIA0925 | UHB1K6N | UHB1K6N | |
| | MIA0926 | UHB1K6N | UHB1K6N | for 386 SB |
| | MIA0927 | UHB1K6 | UHB1K6 | |
| | MIA0928 | UHB1K6 | UHB1K6 | |
| 03:10 | X MIA0929 | USTD050GU | USTD050GU | |
| | MIA0930 | USTD050GU | USTD050GU | closing cw |

WORKING STD. USED

| | | |
|---|---|---|
| ISTD 46403 | CAL 46405 | Analyst: MTJ |
| DMC 46404 | BFB 46622 | Reviewer: OW |
| | H2O 45202 | |

**Client:** USEPA

**WONo:** 3506386 **Profile Name:** Region 6 **Profile #:** 91025

MATRIX **W**

| Sample # | Bottle | Parameter | | Check | Received | Date |
|---|---|---|---|---|---|---|
| 01 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:18 PM |
| 01 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:20 PM |
| 01 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:20 PM |
| 01 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:37 AM |
| 02 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:21 PM |
| 02 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:21 PM |
| 02 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:33 AM |
| 02 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:20:42 PM |
| 03 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:22 PM |
| 03 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:23 PM |
| 03 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:23 PM |
| 03 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:29 AM |
| 04 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:23 PM |
| 04 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:24 PM |
| 04 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:24 PM |
| 04 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:25 AM |

| | | | | | | |
|---|---|---|---|---|---|---|
| 05 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:25 PM |
| 05 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:25 PM |
| 05 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:25 PM |
| 05 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:21 AM |
| 06 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:26 PM |
| 06 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:26 PM |
| 06 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:27 PM |
| 06 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:17 AM |
| 07 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:27 PM |
| 07 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:28 PM |
| 07 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:30 PM |
| 07 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:12 AM |
| 08 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:30 PM |
| 08 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:31 PM |
| 08 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:31 PM |
| 08 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:08 AM |
| 09 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:32 PM |
| 09 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:32 PM |

| | | | | | | |
|---|---|---|---|---|---|---|
| 09 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:33 PM |
| 09 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 5:51:03 AM |
| 10 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:33 PM |
| 10 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:34 PM |
| 10 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/21/2012 1:47:34 PM |
| 10 | 003 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 7/6/2012 12:42:36 PM |
| 11 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:35 PM |
| 11 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:36 PM |
| 11 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:37 PM |
| 11 | 003 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:15 PM |
| 12 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:38 PM |
| 12 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:38 PM |
| 12 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:39 PM |
| 12 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:19 PM |
| 13 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:39 PM |
| 13 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:40 PM |
| 13 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:40 PM |
| 13 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:23 PM |

| | | | | | | |
|---|---|---|---|---|---|---|
| 14 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:41 PM |
| 14 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:41 PM |
| 14 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:42 PM |
| 14 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:28 PM |
| 15 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:42 PM |
| 15 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:43 PM |
| 15 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:44 PM |
| 15 | 003 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:32 PM |
| 16 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:44 PM |
| 16 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:45 PM |
| 16 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:46 PM |
| 16 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:36 PM |
| 17 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:47 PM |
| 17 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:47 PM |
| 17 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:48 PM |
| 17 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:41 PM |
| 18 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:48 PM |
| 18 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:50 PM |

| | | | | | | |
|---|---|---|---|---|---|---|
| 18 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:51 PM |
| 18 | 002 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:47 PM |
| 18 | 001 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/29/2012 2:37:09 PM |
| 19 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:51 PM |
| 19 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:52 PM |
| 19 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:52 PM |
| 19 | 003 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:52 PM |
| 20 | 001 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:53 PM |
| 20 | 002 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:53 PM |
| 20 | 003 | VOALow | CLP Volatile Organic Compounds | In | Marianna Keohane | 6/22/2012 3:12:53 PM |
| 20 | 003 | VOALow | CLP Volatile Organic Compounds | Consumed | Marcell Stephens | 6/28/2012 4:26:56 PM |

# STANDARDS LOG

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 41083 | CLPVBFB | RESTEK | A079426 | 1/31/2016 | 2 ML | 4/29/2011 | mstephens |

2000 UG/ML: 4-Bromofluorobenzene

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 41091 | CLPVCalDio | Ultra Scientific | RM00526 | 1/31/2015 | 1 G | 4/29/2011 | lpelo |

1000000 UG/ML: 1,4-Dioxane

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 42142 | CLPVDMCNGas | CPI | 175205 | 7/2/2014 | 1 ML | 6/30/2011 | lpelo |

2000 MG/L: 1,1,2,2-Tetrachloroethane-d2, 1,1-Dichloroethene-d2, 1,2-Dichlorobenzene-d4, 1,2-Dichloroethane-d4, 1,2-Dichloropropane-d6, Benzene-d6, Chloroform-d, cis-1,3-Dichloropropene-d4, Toluene-d8, trans-1,3-Dichloropropene-d4

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 43432 | CLPVISTD | Restek | A080825 | 2/1/2016 | 1 ML | 10/18/2011 | lpelo |

2500 UG/ML: 1,4-Dichlorobenzene-d4, 1,4-Difluorobenzene, Chlorobenzene-d5

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 43435 | CLPVDMCGas | CPI | 175855 | 7/16/2014 | 1 ML | 10/14/2011 | lpelo |

2000 MG/L: Chloroethane-d5, Vinyl chloride-d3

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 43784 | CLPVCalKet | Restek | A079446 | 4/30/2016 | 1 ML | 11/12/2011 | mstephens |

5000 UG/ML: 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone

# STANDARDS LOG

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 43785 | CLPVCalNGas | RESTEK | A075274 | 6/30/2013 | 2 ML | 11/12/2011 | mstephens |

2000 UG/ML: 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroform, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, m,p-Xylene, Methyl Acetate, Methyl tert-butyl ether, Methylcyclohexane, Methylene chloride, o-Xylene, Styrene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 43786 | CLPVCalGas | Restek | A083814 | 5/31/2018 | 1 ML | 11/12/2011 | mstephens |

2000 UG/ML: Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane, Vinyl chloride

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 44380 | MethanolP&Tgrade | Burdick & Jackson/ | DE997 | 1/3/2013 | 500 ML | 1/3/2012 | vwenzel |

: Methanol

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 45202 | PEL Deionized Water | Feedwater Solution | 030110 | 2/28/2013 | 100 L | 2/28/2012 | treuter |

: Water

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46215 | CLPVDMCBut | Cambridge Isotope | P-6257 | 5/10/2013 | 100 MG | 5/10/2012 | mstephens |

1000000 UG/ML: 2-Butanone-d5

# STANDARDS LOG

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46216 | CLPVDMCHex | Cambridge Isotope | K-406 | 5/10/2013 | 0.25 G | 5/10/2012 | mstephens |
| 1000000 UG/ML: 2-Hexanone-d5 | | | | | | | |

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46224 | CLPVDMCIBut | | | 11/10/2012 | 5 ML | 5/10/2012 | mstephens |
| 20000 UG/ML: 2-Butanone-d5 | | | | | | | |
| **COMPOSED OF:** | | | | | | | |
| 46215: 100 UL | | | | | | | |

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46225 | CLPVDMCHex | | | 11/10/2012 | 10 ML | 5/10/2012 | mstephens |
| 20000 UG/ML: 2-Hexanone-d5 | | | | | | | |
| **COMPOSED OF:** | | | | | | | |
| 46216: 200 UL | | | | | | | |

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46399 | CLPVDMCDio | Cambridge Isotope | 11C-596 | 6/1/2013 | 5 G | 6/1/2012 | mstephens |
| 1000000 UG/ML: 1,4-Dioxane-d8 | | | | | | | |

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46400 | CLPVCalIDio | | | 12/1/2012 | 10 ML | 6/1/2012 | mstephens |
| 20000 UG/ML: 1,4-Dioxane | | | | | | | |
| **COMPOSED OF:** | | | | | | | |
| 41091: 200 UL | | | | | | | |

# STANDARDS LOG

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46401 | CLPVDMCIDio | | | 12/1/2012 | 10 ML | 6/1/2012 | mstephens |

20000 UG/ML: 1,4-Dioxane-d8

**COMPOSED OF:**

46399: 200 UL

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46403 | CLPVISTDW | | | 7/1/2012 | 4 ML | 6/1/2012 | mstephens |

UG/ML: Methanol
100 UG/ML: 1,4-Dichlorobenzene-d4, 1,4-Difluorobenzene, Chlorobenzene-d5

**COMPOSED OF:**

43432: 160 UL 44380: 3840 UL

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46404 | CLPVDMCW | | | 7/1/2012 | 4 ML | 6/1/2012 | mstephens |

UG/ML: Methanol
100 UG/ML: 1,1,2,2-Tetrachloroethane-d2, 1,1-Dichloroethene-d2, 1,2-Dichlorobenzene-d4, 1,2-Dichloroethane-d4, 1,2-Dichloropropane-d6, Benzene-d6, Chloroethane-d5, Chloroform-d, cis-1,3-Dichloropropene-d4, Toluene-d8, trans-1,3-Dichloropropene-d4, Vinyl chloride-d3
200 UG/ML: 2-Butanone-d5, 2-Hexanone-d5
2000 UG/ML: 1,4-Dioxane-d8

**COMPOSED OF:**

42142: 200 UL 43435: 200 UL 44380: 3120 UL 46224: 40 UL 46225: 40 UL 46401: 400 UL

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46405 | CLPVCalW | | | 7/1/2012 | 4 ML | 6/1/2012 | mstephens |

UG/ML: Methanol
100 UG/ML: 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Cyclohexane, Dibromochloromethane, Dichlorodifluoromethane, Ethylbenzene, Isopropylbenzene, m,p-Xylene, Methyl Acetate, Methyl tert-butyl ether, Methylcyclohexane, Methylene chloride, o-Xylene, Styrene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Trichlorofluoromethane, Vinyl chloride
200 UG/ML: 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone
2000 UG/ML: 1,4-Dioxane

# STANDARDS LOG

**COMPOSED OF:**

43784: 160 UL 43785: 200 UL 43786: 200 UL 44380: 3040 UL 46400: 400 UL

| Standard ID | Type | Manufacturer | Mfg Lot | Expires | Volume | Created on | Created by |
|---|---|---|---|---|---|---|---|
| 46622 | CLPVBFBW | | | 7/21/2012 | 4 ML | 6/21/2012 | mstephens |

UG/ML: Methanol
25 UG/ML: 4-Bromofluorobenzene

**COMPOSED OF:**

41083: 50 UL 44380: 3950 UL

From: (469) 644-9503 Origin ID: JMDA
Jose Lopez
EA Engineering, Science, & Tec
405 S. Hwy 121 Bypass
Suite C-100
Lewisville, TX 75067

FedEx Express

J12101112190225

Ship Date: 20JUN12
ActWgt: 45.0 LB
CAD: 1247365/INET3250

Delivery Address Bar Code

SHIP TO: (813) 888-9507 BILL SENDER

**John Heyman**
**Spectrum Analytical (PEL Lab)**
**8405 BENJAMIN RD STE A**

**TAMPA, FL 33634**

Ref # 1434265 B 3
Invoice #
PO #
Dept #

THU - 21 JUN A1
PRIORITY OVERNIGHT

TRK# 7985 0435 0651
0201

33634
FL-US
TPA

# XJ TPFA

512G1/793A/A278

**After printing this label**:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning**: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Copy: Original w/ F5YA0

Case 42616
SDG F5YB1
26JUN12

379

From: (469) 644-9503
Jose Lopez
EA Engineering, Science, & Tec
405 S. Hwy 121 Bypass
Suite C-100
Lewisville, TX 75067

Origin ID: JMDA

FedEx Express

E

J12101112190225

Ship Date: 21JUN12
ActWgt: 45.0 LB
CAD: 1247365/INET3250

Delivery Address Bar Code

SHIP TO: (813) 888-9507 BILL SENDER

**John Heyman**
**Spectrum Analytical (PEL Lab)**
**8405 BENJAMIN RD STE A**

**TAMPA, FL 33634**

Ref # 1434265 B 3
Invoice #
PO #
Dept #

**FRI - 22 JUN A1**
**PRIORITY OVERNIGHT**

TRK# 7985 0435 4290
0201

**33634**
FL-US
**TPA**

# XJ TPFA

512G1/793A/A278

**After printing this label**:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Case 42616
SDG F5YB1
[signature]
ZGSUNIZ

380

*Contract Laboratory Program*

# Sample Delivery Group (SDG) Cover Sheet

| | | | | | |
|---|---|---|---|---|---|
| SDG Number | F5YB1 | Case Number | 42616 | Contract Number | EP-W-11-034 |
| Lab Code | PEL | SDG Turnaround | 21 days | Delivery CLIN(s) | 0009 |

| | | | |
|---|---|---|---|
| First Sample Received in SDG | F5YB1 | Last Sample Received in SDG | F5YD5 |
| First sample Receipt Date | 6/21/2012 | Last sample Receipt Date | 6/22/2012 |

EPA Sample Numbers in SDG (Listed in Numerical Order)

| CLP Sample ID | Sample Type | Requested Analytical CLIN(s)/SubCLIN(s) | Solicitation Number | MA Number(s) |
|---|---|---|---|---|
| 01 F5YA7 | SAMPLE | 0001C | NA | NA |
| 02 F5YB1 | SAMPLE | 0001C | NA | NA |
| 03 F5YB2 | SAMPLE | 0001C | NA | NA |
| 04 F5YB3 | SAMPLE | 0001C | NA | NA |
| 05 F5YB4 | SAMPLE | 0001C | NA | NA |
| 06 F5YB5 | SAMPLE | 0001C | NA | NA |
| 07 F5YB6 | SAMPLE | 0001C | NA | NA |
| 08 F5YB7 | SAMPLE | 0001C | NA | NA |
| 09 F5YC4 | SAMPLE | 0001C | NA | NA |
| 10 F5YC5 | SAMPLE | 0001C | NA | NA |
| 11 F5YC6 | SAMPLE | 0001C | NA | NA |
| 12 F5YC7 | SAMPLE | 0001C | NA | NA |
| 13 F5YC8 | SAMPLE | 0001C | NA | NA |
| 14 F5YD0 | SAMPLE | 0001C | NA | NA |
| 15 F5YD1 | SAMPLE | 0001C | NA | NA |
| 16 F5YD4 | SAMPLE | 0001C | NA | NA |
| 17 F5YD5 | SAMPLE | 0001C | NA | NA |
| 18 F5YE1 | SAMPLE | 0001C | NA | NA |
| 19 F5YE2 | SAMPLE | 0001C | NA | NA |
| 20 F5YE6 | SAMPLE | 0001C | NA | NA |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |

26JUN12

**Note:** *There are a maximum of 20 field samples (excluding Performance Evaluation (PE) samples) in an SDG. Attach the TRICOC Records to this form in alphanumeric order (the order listed above on this form).*

Signature _____ Date 26JUN12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F5YB1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YB0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471266 (HCL pH<2 Ice to 4C), 6-471267 (HCL pH<2 Ice to 4C), 6-471268 (HCL pH<2 Ice to 4C) (3) | WMW-24A | 06/19/2012 16:31 | | |
| F5YB1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471270 (HCL pH<2 Ice to 4C), 6-471271 (HCL pH<2 Ice to 4C), 6-471272 (HCL pH<2 Ice to 4C) (3) | WMW-27A | 06/19/2012 17:38 | -01 Good | |
| F5YB2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471274 (HCL pH<2 Ice to 4C), 6-471275 (HCL pH<2 Ice to 4C), 6-471276 (HCL pH<2 Ice to 4C) (3) | WMW-34A | 06/20/2012 08:59 | -02 Good | |
| F5YB4 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471278 (HCL pH<2 Ice to 4C), 6-471279 (HCL pH<2 Ice to 4C), 6-471280 (HCL pH<2 Ice to 4C) (3) | WMW-33A | 06/20/2012 10:17 | -03 Good | |

Special Instructions:
Temp 3.0

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/21/12 | 09:35 | | | | | | |

Copy: Original w/ F5YA0

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F54B1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YC4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-499640 (HCL pH<2 Ice to 4C), 6-499641 (HCL pH<2 Ice to 4C), 6-499642 (HCL pH<2 Ice to 4C) (3) | WMW-13A | 06/19/2012 10:20 | -04 Good | |
| F5YD0 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-445495 (HCL pH<2 Ice to 4C), 6-445499 (HCL pH<2 Ice to 4C), 6-445500 (HCL pH<2 Ice to 4C) (3) | ER-12 | 06/19/2012 09:35 | -05 Good | |
| F5YD1 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-446421 (HCL pH<2 Ice to 4C), 6-446600 (HCL pH<2 Ice to 4C), 6-449167 (HCL pH<2 Ice to 4C) (3) | ER-13 | 06/20/2012 09:17 | -06 Good | |
| F5YD4 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471192 (HCL pH<2 Ice to 4C), 6-471193 (HCL pH<2 Ice to 4C), 6-471194 (HCL pH<2 Ice to 4C) (3) | ER-16 | 06/19/2012 16:30 | -07 Good | |

Special Instructions:
Temp. 3.0

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/20/12 | 1230 | | | | | | |
| | [signature] | 6/20/12 | [signature] | 6/21/12 | 09:35 | | | | | | |

[signature] 6/25/2012

[signature] 6/25/2012

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/20/2012
CarrierName: FedEx
AirbillNo: 7985 0435 0651

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F54B1

**No: 6-061912-135531-0027**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YE1 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460253 (HCL pH<2 Ice to 4C), 6-460254 (HCL pH<2 Ice to 4C), 6-460255 (HCL pH<2 Ice to 4C) (3) | FB-2 | 06/19/2012 10:45 | -08 Good | |
| F5YE2 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460256 (HCL pH<2 Ice to 4C), 6-460257 (HCL pH<2 Ice to 4C), 6-460258 (HCL pH<2 Ice to 4C) (3) | FB-3 | 06/20/2012 09:13 | -09 Good | |
| F5YE6 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460268 (HCL pH<2 Ice to 4C), 6-460269 (HCL pH<2 Ice to 4C), 6-460270 (HCL pH<2 Ice to 4C) (3) | TB- 2 | 06/19/2012 12:54 | -10 Good | |

6/20/12

Special Instructions:
Temp. 3.0

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1230 | | | | | | |
| | | 6/20/12 | | 6/21/12 | 09:35 | | | | | | |

6/20/12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MK
F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YA7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-489417 (HCL pH<2 Ice to 4C), 6-495357 (HCL pH<2 Ice to 4C), 6-499743 (HCL pH<2 Ice to 4C) (3) | WMW-26A | 06/20/2012 13:44 | -11 Good | |
| F5YB3 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474104 (HCL pH<2 Ice to 4C), 6-474105 (HCL pH<2 Ice to 4C), 6-474106 (HCL pH<2 Ice to 4C) (3) | SMW-39 | 06/20/2012 17:11 | -12 Good | |
| F5YB5 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471282 (HCL pH<2 Ice to 4C), 6-471283 (HCL pH<2 Ice to 4C), 6-471284 (HCL pH<2 Ice to 4C) (3) | WMW-32A | 06/20/2012 11:28 | -13 Good | |
| F5YB6 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471287 (HCL pH<2 Ice to 4C), 6-471288 (HCL pH<2 Ice to 4C), 6-471289 (HCL pH<2 Ice to 4C) (3) | WMW-31A | 06/20/2012 14:54 | -14 Good | |

Shipment for Case Complete? ~~N~~ Y

Samples Transferred From Chain of Custody #

Special Instructions:

Temp. 2.0

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time |
|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1800 |
| | | 6/20/12 | | 6/20/12 | 1800 |
| | | 6/21/12 | | 6/22/12 | 10:00 |

| Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|
| | | | | | |

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386
MC
F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YB7 | Ground Water/ Javier Manzano | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471291 (HCL pH<2 Ice to 4C), 6-471292 (HCL pH<2 Ice to 4C), 6-471293 (HCL pH<2 Ice to 4C) (3) | WMW-29A | 06/20/2012 15:57 | -15 Good | |
| F5YC5 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311157 (HCL pH<2 Ice to 4C), 6-311158 (HCL pH<2 Ice to 4C), 6-499650 (HCL pH<2 Ice to 4C) (3) | SMW-26 | 06/20/2012 11:50 | -16 Good | |
| F5YC6 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311160 (HCL pH<2 Ice to 4C), 6-311161 (HCL pH<2 Ice to 4C), 6-311162 (HCL pH<2 Ice to 4C) (3) | SMW-26A | 06/20/2012 14:00 | -17 Good | |
| F5YC7 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-311178 (HCL pH<2 Ice to 4C), 6-312949 (HCL pH<2 Ice to 4C), 6-351199 (HCL pH<2 Ice to 4C) (3) | SMW-37 | 06/20/2012 15:15 | -18 Good | |

JL

**Shipment for Case Complete?** ~~N~~ Y

**Samples Transferred From Chain of Custody #**

Special Instructions:

Temp 2.0

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/20/12 | [illegible] | 6/20/12 | 1800 | | | | | | |
| | [illegible] | 6/21/12 | [illegible] | 6/22/12 | 10:00 | | | | | | |

JJ 26JUN12

JJ 26JUN12

**USEPA CLP Organics COC (LAB COPY)**

DateShipped: 6/21/2012
CarrierName: FedEx
AirbillNo: 7985 0435 4290

**CHAIN OF CUSTODY RECORD**

Case #: 42616

3506386 MC

F5YB1

**No: 6-062012-173930-0032**

Lab: SPECTRUM Analytical (PEL)
Lab Contact: John Heyman
Lab Phone: (813) 888-9507

| Organic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Inorganic Sample # | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| F5YC8 | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-474100 (HCL pH<2 Ice to 4C), 6-474101 (HCL pH<2 Ice to 4C), 6-474102 (HCL pH<2 Ice to 4C) (3) | SMW-38 | 06/20/2012 17:25 | -19 Good | |
| F5YD5 ↓ SDG Final Sample | Ground Water/ Gary Desselle | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-471196 (HCL pH<2 Ice to 4C), 6-471197 (HCL pH<2 Ice to 4C), 6-471198 (HCL pH<2 Ice to 4C) (3) | ER-17 | 06/20/2012 16:35 | -20 Good | |
| F5YE7 | Ground Water/ Jose Lopez | Grab | LVOA(21), LVOA(21), LVOA(21) | 6-460271 (HCL pH<2 Ice to 4C), 6-460272 (HCL pH<2 Ice to 4C), 6-460273 (HCL pH<2 Ice to 4C) (3) | TB- 3 | 06/20/2012 14:11 | | |

JL

Special Instructions:

Temp. 2.0

**Shipment for Case Complete?** ~~N~~ Y

**Samples Transferred From Chain of Custody #**

Analysis Key: LVOA=SOM01.2/Low-Medium Water VOA

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/20/12 | | 6/20/12 | 1800 | | | | | | |
| | | 6/21/12 | | 6/22/12 | 10:00 | | | | | | |

Tag Number 6- 311157

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC5**
**Station Location: SMW-26**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311157

☆U.S. GOVERNMENT PRINTING OFFICE: 2003-551-005

Tag Number 6- 311158

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC5**
**Station Location: SMW-26**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311158

☆U.S. GOVERNMENT PRINTING OFFICE: 2003-551-005

Tag Number 6- 311160

Remarks:

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC6**
**Station Location: SMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311160

☆U.S. GOVERNMENT PRINTING OFFICE: 2003-551-005

Tag Number
6- 311161
☆U.S. GOVERNMENT PRINTING OFFICE: 2003-561-005

Remarks:

Concentration:
☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC6**
**Station Location: SMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311161

Tag Number
6- 311162
☆U.S. GOVERNMENT PRINTING OFFICE: 2003-561-005

Remarks:

Concentration:
☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC6**
**Station Location: SMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311162

Tag Number
6- 311178
☆U.S. GOVERNMENT PRINTING OFFICE: 2003-561-005

Concentration:
☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC7**
**Station Location: SMW-37**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-311178

Tag Number 6-312949

Remarks:

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC7**
**Station Location: SMW-37**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-312949

☆U.S. GOVERNMENT PRINTING OFFICE: 2008-561-005

Tag Number 6-351199

Remarks:

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YC7**
**Station Location: SMW-37**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-351199

☆U.S. GOVERNMENT PRINTING OFFICE: 2008-561-005

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designated Comp. | Designated Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 0935 | | |

Station Location

Samplers (Signature)

Tag Number 6-445495

Remarks:

Concentration: ☐ L ☐ M ☐ H

Case Number: 42616
**Sample No: F5YD0**
**Station Location: ER-12**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-445495

☆U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 0935 | Designate: Comp. / Grab

Tag Number: 6- 445499

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YD0**
**Station Location: ER-12**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-445499

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 0935 | Designate: Comp. / Grab

Tag Number: 6- 445500

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YD0**
**Station Location: ER-12**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-445500

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 0917 | Designate: Comp. / Grab

Tag Number: 6- 446421

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YD1**
**Station Location: ER-13**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-446421

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/2/12 | Time: 0917 | Designate: Comp. / Grab

Tag Number: 6- 446600

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YD1**
**Station Location: ER-13**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-446600

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/2/12 | Time: 0917 | Designate: Comp. / Grab

Tag Number: 6- 449167

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YD1**
**Station Location: ER-13**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-449167

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/9/12 | Time: 1045 | Designate: Comp. / Grab

Tag Number: 6- [illegible]

Station Location | Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YE1**
**Station Location: FB-2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460253

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 1045 | Designate: Comp. / Grab

Tag Number: 6-460254 | Station Location | Samplers (Signatures): [illegible]

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YE1**
**Station Location: FB-2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460254

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 1045 | Designate: Comp. / Grab

Tag Number: 6-460255 | Station Location | Samplers (Signatures): [illegible]

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YE1**
**Station Location: FB-2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460255

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 0913 | Designate: Comp. / Grab

Tag Number: 6-460256 | Station Location | Samplers (Signatures): [illegible]

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YE2**
**Station Location: FB-3**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460256

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: | |
|---|---|---|---|---|---|
| | | 6/20/12 | 0913 | Comp. | Grab |

Station Location

Samplers (Signatures)

Tag Number 6- 460257

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YE2**
**Station Location: FB-3**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460257

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: | |
|---|---|---|---|---|---|
| | | 6/20/12 | 0913 | Comp. | Grab |

Station Location

Samplers (Signatures)

Tag Number 6- 460258

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YE2**
**Station Location: FB-3**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460258

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: | |
|---|---|---|---|---|---|
| | | 06/19/12 | 1254 | Comp. | Grab |

Station Location

Samplers (Signatures)

Tag Number 6- 460268

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YE6**
**Station Location: TB- 2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460268

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1254 | | |

Station Location

Samplers (Signatures)

Tag Number 6- 460269

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YE6**
**Station Location: TB- 2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460269

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1254 | | |

Station Location

Samplers (Signatures)

Tag Number 6- 460270

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YE6**
**Station Location: TB- 2**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-460270

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1630 | | |

Station Location

Samplers (Signatures)

Tag Number 6- 471192

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YD4**
**Station Location: ER-16**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471192

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1630 | | |

Tag Number 6- 471193

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YD4**
**Station Location: ER-16**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471193

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1630 | | |

Tag Number 6- 471194

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42616
**Sample No: F5YD4**
**Station Location: ER-16**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471194

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1635 | | |

Tag Number 6- 471196

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks

Lab Sample No.

Case Number: 42616
**Sample No: F5YD5**
**Station Location: ER-17**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471196

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1635 | | |

Tag Number 6- 471197

Station Location

Samplers (Signatures)

Remarks:

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YD5**
**Station Location: ER-17**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471197

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1635 | | |

Tag Number 6- 471198

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YD5**
**Station Location: ER-17**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471198

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1738 | | |

Tag Number 6- 471270

Station Location

Samplers (Signatures)

Remarks:

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YB1**
**Station Location: WMW-27A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471270

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1738 | | |

Tag Number 6- 471271

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB1**
**Station Location: WMW-27A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471271

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/19/12 | 1738 | | |

Tag Number 6- 471272

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB1**
**Station Location: WMW-27A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471272

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 0859 | | |

Tag Number 6- 471274

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB2**
**Station Location: WMW-34A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471274

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 0859 | Designate: Comp. / Grab

Tag Number: 6-471275 | Station Location | Samplers (Signatures)

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YB2**
**Station Location: WMW-34A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471275

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 0859 | Designate: Comp. / Grab

Tag Number: 6-471276 | Station Location | Samplers (Signatures)

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YB2**
**Station Location: WMW-34A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471276

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 1017 | Designate: Comp. / Grab

Tag Number: 6-471278 | Station Location | Samplers (Signatures)

Lab Sample No. | Concentration: ☐ L ☐ M ☐ H | Remarks:

Case Number: 42616
**Sample No: F5YB4**
**Station Location: WMW-33A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471278

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 4/20/12 | 1017 | | |

Tag Number 6- 471279

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB4**
**Station Location: WMW-33A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471279

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 4/20/12 | 1017 | | |

Tag Number 6- 471280

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB4**
**Station Location: WMW-33A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471280

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 4/20/12 | 1128 | | |

Tag Number 6- 471282

Station Location

Samplers (Signatures)

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB5**
**Station Location: WMW-32A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471282

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1178 | | |

Tag Number 6- 471283

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YB5**
**Station Location: WMW-32A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471283

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1178 | | |

Tag Number 6- 471284

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YB5**
**Station Location: WMW-32A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471284

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Designate: Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1454 | | |

Tag Number 6- 471287

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YB6**
**Station Location: WMW-31A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471287

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1454 | | |

Station Location:

Samplers (Signatures):

Tag Number 6- 471288

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB6**
**Station Location: WMW-31A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471288

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1454 | | |

Station Location:

Samplers (Signatures):

Tag Number 6- 471289

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB6**
**Station Location: WMW-31A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471289

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1557 | | |

Station Location:

Samplers (Signatures):

Tag Number 6- 471291

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42616
**Sample No: F5YB7**
**Station Location: WMW-29A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471291

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 4/20/12 | 1557 | | |

Tag Number 6- 471292

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YB7**
**Station Location: WMW-29A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471292

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 4/20/12 | 1557 | | |

Tag Number 6- 471293

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YB7**
**Station Location: WMW-29A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-471293

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

| Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab |
|---|---|---|---|---|---|
| | | 6/20/12 | 1725 | | |

Tag Number 6- 474100

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YC8**
**Station Location: SMW-38**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474100

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code
CLP Case No.

Station No.

Month/Day/Year: 6/20/12

Time: 1725

Designate: Comp. / Grab

Tag Number: 6- 474101

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YC8**
**Station Location: SMW-38**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474101

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code
CLP Case No.

Station No.

Month/Day/Year: 6/20/12

Time: 1725

Designate: Comp. / Grab

Tag Number: 6- 474102

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YC8**
**Station Location: SMW-38**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474102

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code
CLP Case No.

Station No.

Month/Day/Year: 6/20/12

Time: 1711

Designate: Comp. / Grab

Tag Number: 6- 474104

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YB3**
**Station Location: SMW-39**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474104

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 1711 | Designate: Comp. / Grab

Tag Number: 6- 474105

Station Location | Samplers (Signature): Javier Manzano

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YB3**
**Station Location: SMW-39**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474105

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 1711 | Designate: Comp. / Grab

Tag Number: 6- 474106

Station Location | Samplers (Signature): Javier Manzano

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YB3**
**Station Location: SMW-39**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-474106

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 1344 | Designate: Comp. / Grab

Tag Number: 6- 489417

Station Location | Samplers (Signature): [signature]

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42616
**Sample No: F5YA7**
**Station Location: WMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-489417

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/20/12 | Time: 1349 | Designate: Comp. / Grab

Station Location | Samplers (Signatures)

Tag Number: 6- 495357

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YA7**
**Station Location: WMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-495357

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 1020 | Designate: Comp. / Grab

Station Location | Samplers (Signatures)

Tag Number: 6- 499640

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YC4**
**Station Location: WMW-13A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-499640

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No. | Station No. | Month/Day/Year: 6/19/12 | Time: 1020 | Designate: Comp. / Grab

Station Location | Samplers (Signatures)

Tag Number: 6- 499641

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42616
**Sample No: F5YC4**
**Station Location: WMW-13A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-499641

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code / CLP Case No.

Station No.

Month/Day/Year: 6/19/12

Time: 1020

Designate: Comp. / Grab

Tag Number: 6- 499642

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YC4**
**Station Location: WMW-13A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-499642

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code / CLP Case No.

Station No.

Month/Day/Year: 6/20/12

Time: 1150

Designate: Comp. / Grab

Tag Number: 6- 499650

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YC5**
**Station Location: SMW-26**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-499650

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code / CLP Case No.

Station No.

Month/Day/Year: 6/20/12

Time: 1344

Designate: Comp. / Grab

Tag Number: 6- 499743

Station Location

Samplers (Signatures)

Concentration: ☐ L ☐ M ☐ H

Remarks:

Lab Sample No.

Case Number: 42616
**Sample No: F5YA7**
**Station Location: WMW-26A**
Sample Type: Grab
Preservative: HCL pH<2 Ice to 4C
Analysis: SOM01.2/Low-Medium Water VOA
Concentration: L
Tag No: 6-499743

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

# Log-in Report

## Report/SDG #: F5YB1

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB1 | 350638601 | | W | 6/19/2012 5:38:00 PM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB2 | 350638602 | | W | 6/20/2012 8:59:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB4 | 350638603 | | W | 6/20/2012 10:17:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YC4 | 350638604 | | W | 6/19/2012 10:20:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YD0 | 350638605 | | W | 6/19/2012 9:35:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YD1 | 350638606 | | W | 6/20/2012 9:17:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

## Report/SDG #: F5YB1

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YD4 | 350638607 | | W | 6/19/2012 4:30:00 PM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YE1 | 350638608 | | W | 6/19/2012 10:45:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YE2 | 350638609 | | W | 6/20/2012 9:13:00 AM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YE6 | 350638610 | | W | 6/19/2012 12:54:00 PM | 6/21/2012 9:35:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YA7 | 350638611 | | W | 6/20/2012 1:44:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB3 | 350638612 | | W | 6/20/2012 5:11:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

## Report/SDG #: F5YB1

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB5 | 350638613 | | W | 6/20/2012 11:28:00 AM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB6 | 350638614 | | W | 6/20/2012 2:54:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YB7 | 350638615 | | W | 6/20/2012 3:57:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YC5 | 350638616 | | W | 6/20/2012 11:50:00 AM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YC6 | 350638617 | | W | 6/20/2012 2:00:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YC7 | 350638618 | | W | 6/20/2012 3:15:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

## Report/SDG #: F5YB1

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YC8 | 350638619 | | W | 6/20/2012 5:25:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

| SampleID | LAB ID | StationID | Matrix | SampleDate | ReceiveDate |
|---|---|---|---|---|---|
| F5YD5 | 350638620 | | W | 6/20/2012 4:35:00 PM | 6/22/2012 10:00:00 AM |

| Method | | |
|---|---|---|
| VOALow | CLP Volatile Organic Compounds | VOALow |

SAMPLE LOG-IN SHEET
FORM DC-1

| | |
|---|---|
| Lab Name: SPECTRUM ANALYTICAL - PEL | Page 1 of 1 |
| Received By (Print Name): MARIANNA KEOHANE | Log-in Date: 6-21-12 |
| Received By (Signature): MK | |
| Case Number: 42616 | Sample Delivery Group No.: F5YB1 |
| Remarks: | Mod. Ref. No.: — |

| | | EPA Sample # | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present/Absent* Intact/Broken | F5YB1 | 6-471270<br>6-471271<br>6-471272 | 3506386 -01 | GOOD |
| 2. Custody Seal Nos. | — | F5YB2 | 6-471274<br>6-471275<br>6-471276 | 3506386 -02 | GOOD |
| 3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists | Present/Absent* | F5YB4 | 6-471278<br>6-471279<br>6-471280 | 3506386 -03 | GOOD |
| 4. Airbill | Airbill/Sticker Present/Absent* | F5YC4 | 6-499640<br>6-499641<br>6-499642 | 3506386 -04 | GOOD |
| 5. Airbill No. | 7985 0435 0651 | F5YD0 | 6-445495<br>6-445499<br>6-445500 | 3506386 -05 | GOOD |
| 6. Sample Tags | Present/Absent* | F5YD1 | 6-446421<br>6-446606<br>6-449167 | 3506386 -06 | GOOD |
| Sample Tag Numbers | Listed/Not Listed on Chain-of-Custody | F5YD4 | 6-471192<br>6-471193<br>6-471194 | 3506386 -07 | GOOD |
| 7. Sample Condition | Intact/Broken*/ Leaking | F5YE1 | 6-460253<br>6-460254<br>6-460255 | 3506386 -08 | GOOD |
| 8. Cooler Temperature Indicator Bottle | Present/Absent | F5YE2 | 6-460256<br>6-460257<br>6-460258 | 3506386 -09 | GOOD |
| 9. Cooler Temperature | 3.0 | F5YE6 | 6-460268 | 3506386 -10 | GOOD |
| 10. Does information on TR/COCs and sample tags agree? | Yes/No* | F5YE6 | 6-460269<br>6-460270 | 3506386 -10 | GOOD |
| 11. Date Received at Laboratory | 6-21-12 | | | | |
| 12. Time Received | 09:35 | | | | |
| Sample Transfer | | | | | |
| Fraction LVOA | Fraction — | | | | |
| Area # VOLS | Area # — | | | | |
| By MK | By — | | | | |
| On 6-21-12 | On — | | | | |

* Contact SMO and attach record of resolution.

| | |
|---|---|
| Reviewed By [signature] | Logbook No. — |
| Date 26 JUN 12 | Logbook Page No. — |

SOM01.2 (4/2007)

SAMPLE LOG-IN SHEET
FORM DC-1

| | |
|---|---|
| Lab Name SPECTRUM ANALYTICAL - PEL | Page 1 of 1 |
| Received By (Print Name) MARIANNA KEOHANE | Log-in Date 6-22-12 |
| Received By (Signature) MK | |
| Case Number 42616 | Sample Delivery Group No. F5YB1 ~~F5YA7~~ 5th 26 JUN 12 — Mod. Ref. No. |

Remarks:

| | | EPA Sample # | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present/Absent* Intact/Broken | F5YA7 | 6-489417<br>6-495357<br>6-499743 | 3506386-11 | GOOD |
| 2. Custody Seal Nos. | — | F5YB3 | 6-474104<br>6-474105<br>6-474106 | 3506386-12 6/22/12 MK | GOOD |
| 3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists | Present/Absent* | F5YB5 | 6-471282<br>6-471283<br>6-471284 | 3506386-13 | GOOD |
| 4. Airbill | Airbill/Sticker Present/Absent* | F5YB6 | 6-471287<br>6-471288<br>6-471289 | 3506386-14 | GOOD |
| 5. Airbill No. | 7985 0435 4290 — | F5YB7 | 6-471291<br>6-471292<br>6-471293 | 3506386-15 | GOOD |
| 6. Sample Tags | Present/Absent* | F5YC5 | 6-311157 | 3506386-16 | GOOD |
| Sample Tag Numbers | Listed/Not Listed on Chain-of-Custody | F5YC5 | 6-311158<br>6-499650 | 3506386-16 | GOOD |
| 7. Sample Condition | Intact/Broken*/ Leaking | F5YC6 | 6-311160<br>6-311161<br>6-311162 | 3506386-17 | GOOD |
| 8. Cooler Temperature Indicator Bottle | Present/Absent | F5YC7 | 6-311178<br>6-312949<br>6-351199 | 3506386-18 | GOOD |
| 9. Cooler Temperature | 2.0 | F5YC8 | 6-474100 | 3506386-19 | GOOD |
| 10. Does information on TR/COCs and sample tags agree? | Yes/No* | F5YC8 | 6-474101<br>6-474102 | 3506386-19 | GOOD |
| 11. Date Received at Laboratory | 6-22-12 | F5YD5 | 6-471196<br>6-471197<br>6-471198 | 3506386-20 | GOOD |
| 12. Time Received | 10:00 | | | | |

| Sample Transfer | | | | | |
|---|---|---|---|---|---|
| Fraction LVOA | Fraction — | | | | |
| Area # VOLS | Area # — | | | | |
| By MK | By — | | | | |
| On 6-22-12 | On — | | | | |

5th 26 JUN

* Contact SMO and attach record of resolution.

| | |
|---|---|
| Reviewed By [signature] | Logbook No. — |
| Date 26 JUN 12 | Logbook Page No. — |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 127-18-4 | Tetrachloroethene | 1.2 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |
| 42616 | F5YB1 | F5YA7 | 350638611 | W | 06/28/2012 | 23:31:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-26A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 127-18-4 | Tetrachloroethene | 1.8 | LJ | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |
| 42616 | F5YB1 | F5YB1 | 350638601 | W | 06/28/2012 | 14:09:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-27A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-35-4 | 1,1-Dichloroethene | 91 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 156-60-5 | trans-1,2-Dichloroethene | 1.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-34-3 | 1,1-Dichloroethane | 15 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 156-59-2 | cis-1,2-Dichloroethene | 120 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 107-06-2 | 1,2-Dichloroethane | 1.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-01-6 | Trichloroethene | 46 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 127-18-4 | Tetrachloroethene | 37 | | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |
| 42616 | F5YB1 | F5YB2 | 350638602 | W | 06/29/2012 | 04:10:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-34A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-35-4 | 1,1-Dichloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-34-3 | 1,1-Dichloroethane | 8.3 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 156-59-2 | cis-1,2-Dichloroethene | 9.3 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-01-6 | Trichloroethene | 5.9 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 127-18-4 | Tetrachloroethene | 6.8 | | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |
| 42616 | F5YB1 | F5YB3 | 350638612 | W | 06/28/2012 | 23:56:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-39 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-35-4 | 1,1-Dichloroethene | 28 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-34-3 | 1,1-Dichloroethane | 11 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 156-59-2 | cis-1,2-Dichloroethene | 29 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 107-06-2 | 1,2-Dichloroethane | 1.8 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 123-91-1 | 1,4-Dioxane | 120 | | ug/L | 100 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-01-6 | Trichloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 127-18-4 | Tetrachloroethene | 12 | | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |
| 42616 | F5YB1 | F5YB4 | 350638603 | W | 06/28/2012 | 17:36:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-33A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-35-4 | 1,1-Dichloroethene | 3.9 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 156-59-2 | cis-1,2-Dichloroethene | 2.3 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 123-91-1 | 1,4-Dioxane | 120 | | ug/L | 100 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-01-6 | Trichloroethene | 2.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 127-18-4 | Tetrachloroethene | 2.8 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |
| 42616 | F5YB1 | F5YB5 | 350638613 | W | 06/29/2012 | 00:22:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-32A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-35-4 | 1,1-Dichloroethene | 1.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 127-18-4 | Tetrachloroethene | 2.1 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |
| 42616 | F5YB1 | F5YB6 | 350638614 | W | 06/29/2012 | 00:47:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-31A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 127-18-4 | Tetrachloroethene | 1.0 | LJ | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |
| 42616 | F5YB1 | F5YB7 | 350638615 | W | 06/29/2012 | 01:12:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | WMW-29A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-35-4 | 1,1-Dichloroethene | 5.3 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-34-3 | 1,1-Dichloroethane | 6.8 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 156-59-2 | cis-1,2-Dichloroethene | 4.9 | LJ | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-01-6 | Trichloroethene | 5.1 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 127-18-4 | Tetrachloroethene | 6.2 | | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |
| 42616 | F5YB1 | F5YC4 | 350638604 | W | 06/28/2012 | 18:02:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | WMW-13A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 127-18-4 | Tetrachloroethene | 1.1 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |
| 42616 | F5YB1 | F5YC5 | 350638616 | W | 06/29/2012 | 01:38:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 127-18-4 | Tetrachloroethene | 1.4 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |
| 42616 | F5YB1 | F5YC6 | 350638617 | W | 06/29/2012 | 02:03:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-26A |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-35-4 | 1,1-Dichloroethene | 170 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.1 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-34-3 | 1,1-Dichloroethane | 40 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 156-59-2 | cis-1,2-Dichloroethene | 350 | * | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 107-06-2 | 1,2-Dichloroethane | 1.8 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 123-91-1 | 1,4-Dioxane | 160 | | ug/L | 100 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-01-6 | Trichloroethene | 130 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-00-5 | 1,1,2-Trichloroethane | 2.2 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 127-18-4 | Tetrachloroethene | 50 | | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7 | 350638618 | W | 06/30/2012 | 00:38:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-37 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-71-8 | Dichlorodifluoromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-87-3 | Chloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-01-4 | Vinyl chloride | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-83-9 | Bromomethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-00-3 | Chloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-69-4 | Trichlorofluoromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-35-4 | 1,1-Dichloroethene | 120 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 67-64-1 | Acetone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-15-0 | Carbon disulfide | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-20-9 | Methyl Acetate | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-09-2 | Methylene chloride | 5.4 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 156-60-5 | trans-1,2-Dichloroethene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 1634-04-4 | Methyl tert-butyl ether | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-34-3 | 1,1-Dichloroethane | 33 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 156-59-2 | cis-1,2-Dichloroethene | 270 | | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 78-93-3 | 2-Butanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 74-97-5 | Bromochloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 67-66-3 | Chloroform | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 71-55-6 | 1,1,1-Trichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 110-82-7 | Cyclohexane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 56-23-5 | Carbon tetrachloride | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 71-43-2 | Benzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 107-06-2 | 1,2-Dichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 123-91-1 | 1,4-Dioxane | 400 | U* | ug/L | 400 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-01-6 | Trichloroethene | 89 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-87-2 | Methylcyclohexane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 78-87-5 | 1,2-Dichloropropane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-27-4 | Bromodichloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 10061-01-5 | cis-1,3-Dichloropropene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-10-1 | 4-Methyl-2-pentanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-88-3 | Toluene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 10061-02-6 | trans-1,3-Dichloropropene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-00-5 | 1,1,2-Trichloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 127-18-4 | Tetrachloroethene | 34 | * | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 591-78-6 | 2-Hexanone | 40 | U* | ug/L | 40 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 124-48-1 | Dibromochloromethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 106-93-4 | 1,2-Dibromoethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 108-90-7 | Chlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 100-41-4 | Ethylbenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 95-47-6 | o-Xylene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 179601-23-1 | m,p-Xylene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 100-42-5 | Styrene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 75-25-2 | Bromoform | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 98-82-8 | Isopropylbenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 541-73-1 | 1,3-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 106-46-7 | 1,4-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 95-50-1 | 1,2-Dichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |
| 42616 | F5YB1 | F5YC7DL | 350638618 | W | 06/29/2012 | 02:28:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 20 | U* | ug/L | 20 | 06/20/2012 | SMW-37 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-35-4 | 1,1-Dichloroethene | 70 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 156-60-5 | trans-1,2-Dichloroethene | 1.4 | LJ | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-34-3 | 1,1-Dichloroethane | 12 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 156-59-2 | cis-1,2-Dichloroethene | 80 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-01-6 | Trichloroethene | 33 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 127-18-4 | Tetrachloroethene | 29 | | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |
| 42616 | F5YB1 | F5YC8 | 350638619 | W | 06/29/2012 | 02:54:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | SMW-38 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |
| 42616 | F5YB1 | F5YD0 | 350638605 | W | 06/28/2012 | 18:27:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-12 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |
| 42616 | F5YB1 | F5YD1 | 350638606 | W | 06/28/2012 | 18:52:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-13 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 10061-01-5 | cis-1,3-Dichloropropene | 3.7 | LJ | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |
| 42616 | F5YB1 | F5YD4 | 350638607 | W | 06/28/2012 | 19:18:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | ER-16 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 123-91-1 | 1,4-Dioxane | 100 | U | ug/L | 100 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |
| 42616 | F5YB1 | F5YD5 | 350638620 | W | 06/29/2012 | 03:19:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | ER-17 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |
| 42616 | F5YB1 | F5YE1 | 350638608 | W | 06/28/2012 | 19:43:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | FB-2 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 123-91-1 | 1,4-Dioxane | 100 | UJv | ug/L | 100 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |
| 42616 | F5YB1 | F5YE2 | 350638609 | W | 06/28/2012 | 20:08:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/20/2012 | FB-3 |

| CASE | SDG | EPASAMP | LABID | MATRIX | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-71-8 | Dichlorodifluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-69-4 | Trichlorofluoromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-35-4 | 1,1-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 67-64-1 | Acetone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-09-2 | Methylene chloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 1634-04-4 | Methyl tert-butyl ether | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 78-93-3 | 2-Butanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 56-23-5 | Carbon tetrachloride | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 123-91-1 | 1,4-Dioxane | 100 | R | ug/L | 100 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-01-6 | Trichloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-10-1 | 4-Methyl-2-pentanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 127-18-4 | Tetrachloroethene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 591-78-6 | 2-Hexanone | 10 | U | ug/L | 10 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 106-93-4 | 1,2-Dibromoethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 100-41-4 | Ethylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 179601-23-1 | m,p-Xylene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 96-12-8 | 1,2-Dibromo-3-chloropropane | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |
| 42616 | F5YB1 | F5YE6 | 350638610 | W | 06/29/2012 | 03:44:00 | 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 06/19/2012 | TB- 2 |

VINCENT MALOTT
Location:
SUPERFUNC
Sender:
EPA R6 HOUSTON LAB
08/15/12 13:18
08152113181 9

SDMS Doc ID

666048

666052

**Spectrum Analytical, Inc.**

Florida Division

www.spectrum-analytical.com

**SDG F5YB1**
**Case 42616**
**Region 6**
**Contract EP-W-11-034**
**PEL**