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

February 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#: **42114**

SDG#: **F5A00**

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.

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ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: February 13, 2012

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

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

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	024
Task/Sub-Task:	2-11
ESAT Doc. No.:	A024-211-0159
TDF No.:	6-12-129A
ESAT File No.:	O-0777

Attached is the data review summary for Case # 42114
SDG # F5A00
Site West CR 112 Ground Water

COMMENTS:

I. LEVEL OF DATA REVIEW

Region 6 Standard Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS and hardcopy review found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed for this data package was 561. All results are acceptable.

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

CASE NO. 42114	SITE West CR 112 Ground Water
LABORATORY DATAC	NO. OF SAMPLES 11
CONTRACT# EP-W-11-037	MATRIX Water
SDG# F5A00	REVIEWER (IF NOT ESB) ESAT
SOW# SOM01.2	REVIEWER'S NAME L. Hoffman
SF# 303DD2A6R6	COMPLETION DATE February 13, 2012

SAMPLE NO.					
	F5A00	F5A04	F5A10		
	F5A01	F5A05	F5A11		
	F5A02	F5A08	F5A21		
	F5A03	F5A09			

DATA ASSESSMENT SUMMARY

	TVOA
1. HOLDING TIMES	O
2. GC/MS TUNE/INSTR. PERFORM.	O
3. CALIBRATIONS	O
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	O

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:

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 42114 **SDG** F5A00 **SITE** West CR 112 Ground Water **LAB** DATAC

COMMENTS: This SDG consisted of 11 water samples for TVOA analysis following CLP SOW SOM01.2. The sampler designated sample F5A04 as a rinsate, sample F5A09 as a trip blank, and samples F5A08 and F5A21 as field blanks. MS/MSD analyses were not requested.

Standard Review was performed for this data package as requested by the TDF. The compounds of concern with each having an action level of 0.5 µg/L are trichloroethene and tetrachloroethene. Samples F5A00, F5A01, F5A02, and F5A10 contained both compounds of concern at concentrations over the action level. The laboratory diluted 10X and reanalyzed sample F5A02 because of high concentrations of 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, and tetrachloroethene.

All results are acceptable. ESAT's final data qualifiers in the DST indicate the technical usability of the reported results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.
Provisional = Some results were qualified because of problems associated with this QC parameter.
Unusable = All results are unusable because of major problems associated with this QC parameter.

1. **Holding Times:** Acceptable. The samples were analyzed within the contractual and technical holding time limits. The cooler temperature was acceptable. The samples were preserved with acid as indicated by the pH values reported by the laboratory.

Note: Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low-biased results for these two compounds.

2. **Tuning/Performance:** Acceptable. The BFB analyses met GC/MS tuning criteria.

3. **Calibrations:** Acceptable. All analytes met contractual and technical calibration criteria.

4. **Blanks:** Acceptable. The method and storage blanks met contractual requirements and were contaminant-free.

Trip Blank: Trip blank sample F5A09 was associated with all the samples in this SDG and was contaminant-free.

Field Blanks: Field blank sample F5A08 was associated with field samples F5A00 and F5A01, and field blank sample F5A21 was associated with the remaining field samples. Both field blanks were contaminant-free.

Rinsate: Rinsate sample F5A04 was contaminant-free.

5. **Deuterated Monitoring Compounds (DMC's)/Surrogates:** Acceptable. The DMC performance was contractually compliant although seven samples, including the diluted reanalysis of sample F5A02, each had one high DMC recovery. Samples F5A02 and F5A02DL had high VDMC3 recoveries. However, in the reviewer's opinion, the high recoveries for VDMC3 (1,1-dichloroethene-d2) were due to coeluting interference from its undeuterated isomer 1,1-dichloroethene, which was present at high concentrations in both samples. Therefore, no data were qualified. The high VDMC1 recoveries did not require data qualification because the associated compound was not detected in the samples.

6. **Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS):** Not Applicable.

7. **Other QC:** Not Applicable.

8. **Internal Standards (IS):** Acceptable. IS areas were within QC limits for all analyses.

9. **Compound Identity (ID)/Quantitation:** Acceptable. The compounds reported at concentrations above the CRQLs were 1,1-dichloroethene, cis/trans-1,2-dichloroethenes, 1,1-dichloroethane, chloroform, trichloroethene, toluene, 1,1,2-trichloroethane, and/or tetrachloroethene in all field samples. No compound ID or quantitation problem was detected.

10. **Performance/Completeness:** Acceptable. The data package was complete. The DST included in this report is the final version.

11. **Overall Assessment:** All results are acceptable.

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
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-35-4	1,1-Dichloroethene	2.7		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-34-3	1,1-Dichloroethane	0.80		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	156-59-2	cis-1,2-Dichloroethene	5.4		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-01-6	Trichloroethene	1.8		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-88-3	Toluene	0.97		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	127-18-4	Tetrachloroethene	1.0		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	100-41-4	Ethylbenzene	0.14	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	95-47-6	o-Xylene	0.16	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	179601-23-1	m,p-Xylene	0.43	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B

42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-35-4	1,1-Dichloroethene	3.0		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	156-60-5	trans-1,2-Dichloroethene	0.11	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-34-3	1,1-Dichloroethane	0.83		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	156-59-2	cis-1,2-Dichloroethene	5.5		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-01-6	Trichloroethene	2.1		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-88-3	Toluene	0.92		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	127-18-4	Tetrachloroethene	1.1		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	100-41-4	Ethylbenzene	0.14	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	95-47-6	o-Xylene	0.16	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	179601-23-1	m,p-Xylene	0.48	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D

42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-35-4	1,1-Dichloroethene	95	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	156-60-5	trans-1,2-Dichloroethene	2.2		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-34-3	1,1-Dichloroethane	15		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	156-59-2	cis-1,2-Dichloroethene	100	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	67-66-3	Chloroform	0.70		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	107-06-2	1,2-Dichloroethane	2.0		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-01-6	Trichloroethene	46	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-88-3	Toluene	0.35	LJ	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-00-5	1,1,2-Trichloroethane	0.67		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	127-18-4	Tetrachloroethene	37	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	179601-23-1	m,p-Xylene	0.10	LJ	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A

42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-71-8	Dichlorodifluoromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-87-3	Chloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-01-4	Vinyl chloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-83-9	Bromomethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-00-3	Chloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-69-4	Trichlorofluoromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-35-4	1,1-Dichloroethene	92		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	67-64-1	Acetone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-15-0	Carbon disulfide	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-20-9	Methyl acetate	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-09-2	Methylene chloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	156-60-5	trans-1,2-Dichloroethene	2.4	*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	1634-04-4	Methyl tert-butyl ether	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-34-3	1,1-Dichloroethane	16	*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	156-59-2	cis-1,2-Dichloroethene	100		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	78-93-3	2-Butanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-97-5	Bromochloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	67-66-3	Chloroform	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	71-55-6	1,1,1-Trichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	110-82-7	Cyclohexane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	56-23-5	Carbon tetrachloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	71-43-2	Benzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	107-06-2	1,2-Dichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-01-6	Trichloroethene	46		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-87-2	Methylcyclohexane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	78-87-5	1,2-Dichloropropane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-27-4	Bromodichloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	10061-01-5	cis-1,3-Dichloropropene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-10-1	4-Methyl-2-Pentanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-88-3	Toluene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	10061-02-6	trans-1,3-Dichloropropene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-00-5	1,1,2-Trichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	127-18-4	Tetrachloroethene	36		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	591-78-6	2-Hexanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	124-48-1	Dibromochloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	106-93-4	1,2-Dibromoethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-90-7	Chlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	100-41-4	Ethylbenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	95-47-6	o-Xylene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	179601-23-1	m,p-Xylene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	100-42-5	Styrene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-25-2	Bromoform	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	98-82-8	Isopropylbenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	541-73-1	1,3-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	106-46-7	1,4-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	95-50-1	1,2-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	120-82-1	1,2,4-Trichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	87-61-6	1,2,3-Trichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A

42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-35-4	1,1-Dichloroethene	0.58		ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-34-3	1,1-Dichloroethane	0.15	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	156-59-2	cis-1,2-Dichloroethene	0.49	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-01-6	Trichloroethene	0.30	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-88-3	Toluene	0.66		ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	127-18-4	Tetrachloroethene	0.23	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	179601-23-1	m,p-Xylene	0.20	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B

42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1

42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-35-4	1,1-Dichloroethene	0.55		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-34-3	1,1-Dichloroethane	0.36	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	156-59-2	cis-1,2-Dichloroethene	0.99		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-01-6	Trichloroethene	0.45	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-88-3	Toluene	0.61		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	127-18-4	Tetrachloroethene	0.32	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	100-41-4	Ethylbenzene	0.11	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	95-47-6	o-Xylene	0.12	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	179601-23-1	m,p-Xylene	0.33	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B

42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1

42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1

42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-35-4	1,1-Dichloroethene	3.3		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-34-3	1,1-Dichloroethane	5.2		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	156-59-2	cis-1,2-Dichloroethene	1.9		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	67-66-3	Chloroform	0.33	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	107-06-2	1,2-Dichloroethane	0.42	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-01-6	Trichloroethene	2.1		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-88-3	Toluene	0.33	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	127-18-4	Tetrachloroethene	3.0		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A

42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-88-3	Toluene	0.72		ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	179601-23-1	m,p-Xylene	0.14	LJ	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B

42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 42114	SDG No. F5A00	SDG Nos. To Follow	Mod. Ref No.	Date Rec 01/23/12

EPA Lab ID: DATAC

Lab Location: Salt Lake City, UT

Region: 6 Audit No.: 42114/F5A00

Re_Submitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

Item No. Description

Other The laboratory did not complete the "no. of shipment" field on Form DC-2-6. The auditor entered the appropriate information.

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: L. Hoffman / ESAT Data Reviewer Date 02/08/12

Audited by: Date

Signature Printed Name/Title

DC-2__

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 42114
DAS No:
R

Region:	6	Date Shipped:	1/4/2012	Chain of Custody Record	Sampler Signature:
Project Code:	EP-W-06-004	Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	7930 5986 5486	1 1-4-2012 1730	
CERCLIS ID:	TXN000606992	Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2	
Spill ID:				3	
Site Name/State:	WCR 112 Ground Water Plume Site/TX			4	
Project Leader:	LUIS VEGA				
Action:	Remedial Investigation				
Sampling Co:	EA Engineering Science & Technology				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
F5A00	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499891 (HCL), 6-499892 (HCL), 6-499893 (HCL) (3)	WMW-34B	S: 1/3/2012	16:00	MF5A00	--
F5A01	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499894 (HCL), 6-499895 (HCL), 6-499896 (HCL) (3)	WMW-34B-D	S: 1/3/2012	16:00	MF5A01	Field Duplicate
F5A02	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499897 (HCL), 6-499898 (HCL), 6-499899 (HCL) (3)	WMW-34A	S: 1/4/2012	9:15	MF5A02	--
F5A03	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499900 (HCL), 6-499901 (HCL), 6-499902 (HCL) (3)	WMW-32B	S: 1/4/2012	10:46	MF5A03	--
F5A04	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499903 (HCL), 6-499904 (HCL), 6-499905 (HCL) (3)	ER-1	S: 1/3/2012	16:45	MF5A04	Rinsate
F5A05	Ground Water/ BUD SHIRLEY	L/G	TraceVOA (21)	6-499906 (HCL), 6-499907 (HCL), 6-499908 (HCL) (3)	WMW-33B	S: 1/4/2012	12:45	MF5A05	--
F5A08	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499915 (HCL), 6-499916 (HCL), 6-499917 (HCL) (3)	FB-1	S: 1/3/2012	14:27		Field Blank
F5A09	Deionized Water/ JOSE FLORES	L/G	TraceVOA (21)	6-499918 (HCL), 6-499919 (HCL), 6-499920 (HCL) (3)	TB-1	S: 1/4/2012	9:08		Trip Blank
F5A10	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499921 (HCL), 6-499922 (HCL), 6-499923 (HCL) (3)	WMW-32A	S: 1/4/2012	11:32	MF5A10	--

Page 21 of 22

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Dwaine Beard	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

TraceVOA = CLP Trace VOA (TVOA) SOM01.2

TR Number: 6-271667327-010412-0002

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 42114
DAS No:
R

Region:	6	Date Shipped:	1/4/2012	Chain of Custody Record	Sampler Signature:
Project Code:	EP-W-06-004	Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	7930 5986 5486	1 1-4-2012 1730	
CERCLIS ID:	TXN000606992	Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2	
Spill ID:				3	
Site Name/State:	WCR 112 Ground Water Plume Site/TX			4	
Project Leader:	LUIS VEGA				
Action:	Remedial Investigation				
Sampling Co:	EA Engineering Science & Technology				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
F5A11	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499924 (HCL), 6-499925 (HCL), 6-499926 (HCL) (3)	WMW-24B	S: 1/4/2012	14:09	MF5A11	--
F5A21	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499954 (HCL), 6-499955 (HCL), 6-499956 (HCL) (3)	FB-2	S: 1/4/2012	8:25		Field Blank

Pg 22 of 22

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Dwaine Beard	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TraceVOA = CLP Trace VOA (TVOA) SOM01.2

TR Number: 6-271667327-010412-0002

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

FORM DC-2

LABORATORY NAME	ALS Laboratory Group		
CITY/STATE	Salt Lake City, UT 84123		
CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		
CONTRACT NO.	EP-W-11-037		
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** (DC-2) (Do not number)			✓	✓
2. **SDG Case Narrative**	1	6	✓	✓
3. **SDG Cover Sheet/Traffic Report**	7	9	✓	✓
4. **Trace Volatiles Data**				
a. QC Summary				
Deuterated Monitoring Compound Recovery (Form II VOA-1 and VOA-2)	10	11	✓	✓
Matrix Spike/Matrix Spike Duplicate Recovery (Form III VOA) (if requested by USEPA Region)	NA		✓	
Method Blank Summary (Form IV VOA)	12	12	✓	✓
GC/MS Instrument Performance Check (Form V VOA)	13	14	✓	✓
Internal Standard Area and RT Summary (Form VIII VOA)	15	15	✓	✓
b. Sample Data	16	128		✓
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)	129	158		
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	160	163	✓	✓
Blank Data	164	175	✓	✓

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

FORM DC-2

CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

	PAGE NOs FROM	PAGE NOs TO	CHECK LAB	CHECK USEPA
Matrix Spike/Matrix Spike Duplicate Data (if requested by USEPA Region	NA		✓	
e. Trace SIM Data (Place at the end of the Trace Volatiles Section)			✓	
[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)			✓	
Matrix Spike/Matrix Spike Duplicate Recovery (Form III VOA-1, VOA-2)(if requested by USEPA Region)			✓	
Method Blank Summary (Form IV VOA)			✓	
GC/MS Instrument Performance Check (Form V VOA)			✓	
Internal Standard Area and RT Summary (Form VIII VOA)			✓	
b. Sample Data				
TCL Results - Organics Analysis Data Sheet (Form I VOA-1 and VOA-2)			✓	
Tentatively Identified Compounds (Form I VOA-TIC)			✓	
Recontructed 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)				
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			✓	
Blank Data			✓	

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

FORM DC-2 (CON'T)

CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

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

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

CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

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

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

FORM DC-2 (CON'T)

CASE NO.	42114	SDG No	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

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

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

CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

	PAGE NOs FROM	PAGE NOs TO	CHECK LAB	CHECK USEPA
c. Standards Data	NA			
Aroclors Initial Calibration (Form VI ARO-1, ARO-2 and ARO-3)			✓	
Calibration Verification Summary (Form VII ARO-1)			✓	
Analytical Sequence (Form VIII ARO)			✓	
Identification Summary for Multicomponent Analytes (Form X ARO)			✓	
Chromatograms and data system printouts				
A printout of Retention Times and corresponding peak areas or peak heights			✓	
d. Raw QC Data				
Blank Data			✓	
Matrix Spike/Matrix Spike Duplicate Data			✓	
Laboratory Control Sample (LCS) Data			✓	
e. Raw GPC Data (if performed)			✓	
9. **Miscellaneous Data**				
Original preparation and analysis forms or copies of preparation and analysis logbook pages	176	178	✓	✓
Internal sample and sample extract transfer chain-of-custody records	179	180	✓	✓
Screening records	181	201	✓	✓
All instrument output, including strip charts from screening activities (describe or list)				
Method Check/QC Reports/LCS	NA		✓	
Percent Solids Determinations	NA		✓	
10. **EPA Shipping/Receiving Documents**				
Airbills (no. of shipments 1)	202	202	✓	✓
Chain of Custody Records (Copies)	203	205	✓	✓
Sample Tags	206	216	✓	✓
Sample Log-in Sheet (Lab & DC-1)	217	217	✓	✓
Miscellaneous Shipping/Receiving Records (describe or list)				
DCL Cooler Receipt Checklist	NA		✓	
DCL Sample Work Orders	NA		✓	

02/08/12

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

CASE NO.	42114	SDG NO.:	F5A00
SDG NOs. TO FOLLOW	N/A		
MOD. REF. NO.	N/A		

	PAGE NOs FROM	PAGE NOs TO	CHECK LAB	CHECK USEPA
11. **Internal Lab Sample Transfer Records and Tracking Sheets** (describe or list)				
DCL Documentation Checking Forms	218	218	✓	✓
DCL Non-conformance/Corrective Action Reports	NA		✓	
12. **Other Records** (describe or list)				
Telephone Communication Log	NA		✓	
E-mail Communications	219	220	✓	✓
			✓	

13. **Comments**

pg 159 does not exists

Completed by: Julie Warath (Signature) — Julie Warath/Doc. Ctrl. (Printed Name/Title) — 1/20/12 (Date)
(CLP Lab)

Verified by: Julie Warath for (Signature) — Roxanne Olson/Proj. Mngr. (Printed Name/Title) — 1/20/12 (Date)
(CLP Lab)

Audited by: (Signature) — LINDA HOFFMAN/DATA REVIEWER (Printed Name/Title) — 02/08/12 (Date)
~~(USEPA)~~ ESAT

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

SDG Administrative Narrative

Contract: EP-W-11-037

Case: 42114

SDG: F5A00

Set ID No.: 12005258

Cooler # and temperatures of each (upon receipt)

Cooler Number C11- NA Arrival temperature was 3 °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

Cooler Number C11-_____ Arrival temperature was _____ °C

JW 1/20/12

Communications:

Any sample receiving issues with this SDG are fully documented through the email communications which are included as a portion of this SDG Narrative and immediately follow this page. Copies of each of these email communications are also located in the communication section of this datapackage. In addition, any analytical issues pertinent to a given fraction are fully documented by the analyst in the associated narrative for the applicable fraction.

Comments:

None.

Signature: Julie Worath
Document Control Officer

Date: 1/20/12
1/20/12

Roxanne Olson

From: Blackmon, Jacqueline <jblackmon3@fedcsc.com>
Sent: Thursday, January 05, 2012 1:04 PM
To: Meredith D. Edwards; Roxanne Olson
Cc: Marvelyn Humphrey; Myra Perez; Raymond Flores
Subject: Region 06 | Case 42114 | Lab DATAC | Issue Damaged samples | FINAL
Attachments: 42114.pdf

Roxy,

Summary Start
Issue: One TVOA vial for sample F5A21 with tag number 6-499955 was received broken. The laboratory has two remaining vials to perform the analysis. The laboratory will inform SMO if any issues arise.
Resolution: In accordance with previous direction from Region 6, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples. If re-extraction/reanalysis is necessary, the laboratory will contact the SMO coordinator and wait for a resolution.
Summary End

Please let me know if you have any questions or problems. To waive any defect(s) associated with this issue, please contact your PO.
Thanks,
Jackie (Blackmon) Washington
Environmental Coordinator- Regions 6, 9 and ASB (QB/PE)
CSC

15000 Conference Center Drive, Chantilly VA 20151
Civil Division | office phone 703-818-4184 | fax 703-818-4601 | jblackmon3@fedcsc.com | www.csc.com
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This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Roxanne Olson [mailto:Roxanne.Olson@ALSGlobal.com]
Sent: Thursday, January 05, 2012 2:53 PM
To: Blackmon, Jacqueline
Subject: FW: 42114

Jackie:

Please see Janette's comment below concerning the broken vial. We will have one opportunity for analysis with the two remaining vials for that sample. If problems arise I will let you know.

Roxy

From: Anjanette Ahlstrom
Sent: Thursday, January 05, 2012 11:46 AM
To: Roxanne Olson

Cc: Meredith D. Edwards
Subject: 42114

Please advise Region 6 that one TVOA sample F5A21 with tag 6-499955 was received broken. We have two samples remaining for analyses.

AnJanette Ahlstrom
SAMPLE RECIEPT TECHNICIAN, SALT LAKE CITY, UTAH

ALS | Environmental
960 W. LeVoy Drive
Salt Lake City, Utah 84123

PHONE +1 801 266 7700
FAX +1 801 268 9992

www.alsglobal.com
anjanette.ahlstrom@alsglobal.com

****
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****

ALS Group: Click here to report this email as spam.

SDG Narrative
Trace Volatiles

Contract: EPW11037
Case: 42114
SDG: F5A00
Laboratory Name: ALS Environmental

Sample Number	DCL Sample ID	pH	Dilution
F5A00	1200528001	1	
F5A01	1200528002	1	
F5A02	1200528003	1	
F5A02DL	1200528003DL	1	1:10
F5A03	1200528004	1	
F5A04	1200528005	1	
F5A05	1200528006	1	
F5A08	1200528007	1	
F5A09	1200528008	1	
F5A10	1200528009	1	
F5A11	1200528010	1	
F5A21	1200528011	1	

General SDG Information: Samples were analyzed according to USEPA CLP Statement of Work SOM01.2. There were no deviations from the SOW except as listed below.

Instrumentation: Hewlett Packard 5971-M GC/MSD with electron impact ionization and quadrupole detector scanning at a mass range of 35 to 300 amu.
Column: J&W Scientific DB624 - 75meters, 0.53 mm id., 3 µm film
Temperature Program: 45°C (3.5 min) 10°/min ramp to 220°
Purge and Trap Device: Varian Archon autosampler/Tekmar Dynamic Headspace Concentrator /LSC 2000
Carrier Gas: Helium Purge Gas: Helium
Purge Flow: 35 mL/min Trap: Vocarb 3000 Trap Temp: 35°C

Sample Preparation: This method has no extraction procedure for the water matrix. Twenty-five milliliters of water sample was spiked with Internal Standard/DMC Solution and purged.

Instrument Calibration: The GC/MS was hardware tuned to meet the criteria for a 50 ng purging of 4-Bromofluorobenzene as specified in the SOW. This tune check is valid for 12 hours.

Initial and Continuing Calibration Verification: The five point initial calibration curve, which is used for the quantitation of each target compound, met the specified criteria in the SOW. Due to

an interfering ion from 1,2-Dichloropropane, a secondary ion of 55 was used for the quantitation of Methylcyclohexane for all calibrations, blanks, and samples. A continuing calibration standard (CCAL) was analyzed prior to sample analysis. A final calibration standard (FCAL) was analyzed after sample analysis. Manual edits were made in the calibration standards and in some samples for various mis-called peaks. Every manual integration is noted by an "m" footnote on the quantitation report, and an additional graphics page is included for each manual integration to show how the peak was integrated. Analytes that required manual integrations are listed.

Sample	Initial Scan	Final Scan	Analyte

Blank Analysis: Method blanks were prepared using 25 mL of spiked reagent water. The blanks were analyzed prior to sample analysis and were free of volatile organic contaminants within the specifications of the SOW.

Sample Analysis: All deuterated monitoring compounds and internal standard area responses were within the required acceptance criteria.

MS/MSD Analysis: As per Region 6, no MS/MSD required.

Miscellaneous Comments: As instructed in the SOW, alkanes are not reported separately on the Form 1J but rather are summarized as "total alkanes."

With regard to the naming of tentatively-identified compounds (TICs), spectral matches above 85 percent are reported as a specific isomer unless the analyst has a specific reason to assign a different name. The exact isomer configuration, as reported, may not be absolutely accurate. Reasons for assigning a TIC name other than the match with the highest fit value above 85% include: instances in which the analyst has previous experience with respect to a specific compound; when the first computer-generated match is a target compound and retention time information clearly indicates the TIC is in fact not the target compound; and when a specific compound name has already been assigned to a peak. Even though specific names will usually be given to TICs with spectral fits above 85%, it must be understood by the data user that TIC names are very tentative, and it cannot be assumed that the specific isomers reported are correct.

Sample Calculations:

Relative Response Factor: $$RRF = \left[\frac{A_x}{A_{is}}\right]\left[\frac{C_{is}}{C_x}\right]$$

Where A_x is the area of the characteristic ion for the compound to be measured, A_{is} is the area of the characteristic ion for the internal standard , C_{is} is the concentration of the internal standard, and C_x is the concentration of the compound to be measured.

Concentration in ug/L: $$C = \left[\frac{(A_x)\,(I_s)\,(Df)}{(A_{is})\,(RRF)\,(V_o)}\right]$$

Where I_s is the amount of internal standard spiked in ng (125 ng), Df is a dilution factor (1 if no dilutions are made), RRF is the mean relative response factor (assumed to be 1 for non target analytes) and V_o is the total volume purged in mL.

I certify that this Sample Data Package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy 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.

January 19, 2012

Joseph Gress
Chemist
Volatile Organic Analysis Section

Sample Delivery Group (SDG)
Cover Sheet

SDG Number: F5A00

☐ ARO ☐ PEST ☐ BNA ☐ BNASIM ☒ VT ☐ VOASIM ☐ VLM

Laboratory Name: ALS Laboratory Group (SLC)

Laboratory Code: DATAC

Contract No.: EPW11037

Case No.: 42114

Analysis Price: N/A

SDG Turnaround: 21

Modified Analysis Requested: NO

Program: SOM01.2

Modification Reference No.: N/A

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) F5A00	7) F5A08	13)	19)
2) F5A01	8) F5A09	14)	20)
3) F5A02	9) F5A10	15)	21)
4) F5A03	10) F5A11	16)	22)
5) F5A04	11) F5A21	17)	23)
6) F5A05	12)	18)	24)

F5A00	F5A21
First Sample in SDG	Last Sample in SDG
01/05/12	01/05/12
First Sample Receipt Date	Last Sample Receipt Date

Note: *There are a maximum of 20 field samples (excluding PE samples) in an SDG. Attach the TR/COC records to this form in alphanumeric order (the order listed above on this form).*

Signature: [signature]

Date: 1/13/2012

EPA

W 1200528

y Program
Chain of Custody Record

Case No: 42114
DAS No:
SDG No: F5A00

L

Date Shipped:	1/4/2012
Carrier Name:	FedEx
Airbill:	7930 5986 5486
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

Sampler Signature: Jose Flores

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Jose Flores	1-4-2012 1730	[illegible]	01/05/12 0949
2			
3			
4			

For Lab Use Only

Lab Contract No:	EPW 11037
Unit Price:	NA
Transfer To:	
Lab Contract No:	
Unit Price:	

aa 01/05/12

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
F5A00	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499891 (HCL), 6-499892 (HCL), 6-499893 (HCL) (3)	WMW-34B	S: 1/3/2012	16:00	MF5A00	
F5A01	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499894 (HCL), 6-499895 (HCL), 6-499896 (HCL) (3)	WMW-34B-D	S: 1/3/2012	16:00	MF5A01	
F5A02	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499897 (HCL), 6-499898 (HCL), 6-499899 (HCL) (3)	WMW-34A	S: 1/4/2012	9:15	MF5A02	
F5A03	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499900 (HCL), 6-499901 (HCL), 6-499902 (HCL) (3)	WMW-32B	S: 1/4/2012	10:46	MF5A03	
F5A04	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499903 (HCL), 6-499904 (HCL), 6-499905 (HCL) (3)	ER-1	S: 1/3/2012	16:45	MF5A04	
F5A05	Ground Water/ BUD SHIRLEY	L/G	TraceVOA (21)	6-499906 (HCL), 6-499907 (HCL), 6-499908 (HCL) (3)	WMW-33B	S: 1/4/2012	12:45	MF5A05	
F5A08	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499915 (HCL), 6-499916 (HCL), 6-499917 (HCL) (3)	FB-1	S: 1/3/2012	14:27		
F5A09	Deionized Water/ JOSE FLORES	L/G	TraceVOA (21)	6-499918 (HCL), 6-499919 (HCL), 6-499920 (HCL) (3)	TB-1	S: 1/4/2012	9:08		
F5A10	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499921 (HCL), 6-499922 (HCL), 6-499923 (HCL) (3)	WMW-32A	S: 1/4/2012	11:32	MF5A10	
F5A11	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499924 (HCL), 6-499925 (HCL), 6-499926 (HCL) (3)	WMW-24B	S: 1/4/2012	14:09	MF5A11	

aa 01/05/12

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible] Dwain Beard	Cooler Temperature Upon Receipt: 3	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TraceVOA = CLP Trace VOA (TVOA) SOM01.2

TR Number: 6-271667327-010412-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No:	42114
DAS No:	
SDG No:	F5A00

L

Date Shipped:	1/4/2012
Carrier Name:	FedEx
Airbill:	7930 5986 5486
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	1-4-2012 1730	[illegible]	01/05/12 0949
2			
3			
4			

For Lab Use Only

Lab Contract No:	EPW 11837
Unit Price:	NA
Transfer To:	aa 01/05/12
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
F5A21	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499954 (HCL), 6-499955 (HCL), 6-499956 (HCL) (3)	FB-2	S: 1/4/2012	8:25		Optional Sample aa 01/05/12

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Dwaine Beard	Cooler Temperature Upon Receipt: 3	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

TraceVOA = CLP Trace VOA (TVOA) SOM01.2

TR Number: 6-271667327-010412-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

2A - FORM II VOA-1

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	F5A00	127	110	93	94	99	91	101
02	F5A01	140 *	118	98	88	99	87	104
03	F5A02	124	106	515 *	86	96	92	100
04	F5A02DL	131	113	123 *	90	100	94	102
05	F5A03	142 *	120	86	90	100	91	105
06	F5A04	134 *	113	83	86	99	92	102
07	F5A05	138 *	119	86	97	100	92	104
08	F5A08	122	106	77	88	96	89	99
09	F5A09	124	106	77	84	95	89	97
10	F5A10	131	114	96	100	100	95	102
11	F5A11	135 *	114	82	95	100	91	103
12	F5A21	124	109	78	90	96	88	101
13	VBLKT1	131	115	81	124	97	89	103
14	VHBLKT1	123	106	79	83	94	88	98
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	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: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (TCA) #	VDMC13 (DCZ) #	VDMC14 #	TOT OUT
01	F5A00	93	101	96	95	104	99		0
02	F5A01	99	102	91	83	99	93		1
03	F5A02	91	101	91	89	97	100		1
04	F5A02DL	93	102	92	81	100	109		1
05	F5A03	99	102	91	83	105	100		1
06	F5A04	94	101	93	85	97	99		1
07	F5A05	100	102	97	89	104	105		1
08	F5A08	93	99	93	85	97	95		0
09	F5A09	90	99	92	83	96	96		0
10	F5A10	97	100	97	88	105	101		0
11	F5A11	96	102	95	90	104	100		1
12	F5A21	91	101	93	79	99	100		0
13	VBLKT1	100	102	94	106	99	100		0
14	VHBLKT1	90	99	88	83	92	100		0
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

		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	(TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC13	(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.

VBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Lab File ID: MR06BLK Lab Sample ID: 254790

Instrument ID: 5971-M

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 01/10/2012

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 16:58

GC Column: DB624 ID: 0.53 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	F5A01	1200528002	MR07FA01	17:37
02	F5A03	1200528004	MR08FA03	18:08
03	F5A05	1200528006	MR09FA05	18:40
04	F5A10	1200528009	MR10FA10	19:11
05	F5A11	1200528010	MR11FA11	19:43
06	F5A00	1200528001	MR12FA00	20:14
07	F5A04	1200528005	MR13FA04	20:46
08	F5A08	1200528007	MR14FA08	21:17
09	F5A09	1200528008	MR15FA09	21:49
10	F5A21	1200528011	MR16FA21	22:20
11	F5A02DL	1200528003DL	MR17FA02	22:52
12	F5A02	1200528003	MR18FA02	23:23
13	VHBLKT1	254791	MR19HBLK	23:54
14				
15				
16				
17				
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29				
30				

COMMENTS:

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

EPA SAMPLE NO.

BFBTM

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Lab File ID: MG63S05 BFB Injection Date: 08/13/2011

Instrument ID: 5971-M BFB Injection Time: 22:20

GC Column: DB624 ID: 0.53 (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	57.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120% of mass 95	77.1
175	5.0 - 9.0% of mass 174	6.3 (8.2) 1
176	95.0 - 101% of mass 174	77.7 (100.7) 1
177	5.0 - 9.0% of mass 176	5.1 (6.6) 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	VSTD005TM	VSTD005TM	MG63S05	08/13/2011	22:20
02	VSTD001TM	VSTD001TM	MG64S01	08/13/2011	23:00
03	VSTD0.5TM	VSTD0.5TM	MG65SZ5	08/13/2011	23:31
04	VSTD020TM	VSTD020TM	MG66S20	08/14/2011	00:05
05	VSTD010TM	VSTD010TM	MG67S10	08/14/2011	00:36
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

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

EPA SAMPLE NO.

BFBT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Lab File ID: MR05S05 BFB Injection Date: 01/10/2012

Instrument ID: 5971-M BFB Injection Time: 16:12

GC Column: DB624 ID: 0.53 (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	53.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120% of mass 95	76.7
175	5.0 - 9.0% of mass 174	5.7 (7.4) 1
176	95.0 - 101% of mass 174	76.5 (99.8) 1
177	5.0 - 9.0% of mass 176	5.0 (6.6) 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	VSTD005T1	VSTD005T1	MR05S05	01/10/2012	16:12
02	VBLKT1	254790	MR06BLK	01/10/2012	16:58
03	F5A01	1200528002	MR07FA01	01/10/2012	17:37
04	F5A03	1200528004	MR08FA03	01/10/2012	18:08
05	F5A05	1200528006	MR09FA05	01/10/2012	18:40
06	F5A10	1200528009	MR10FA10	01/10/2012	19:11
07	F5A11	1200528010	MR11FA11	01/10/2012	19:43
08	F5A00	1200528001	MR12FA00	01/10/2012	20:14
09	F5A04	1200528005	MR13FA04	01/10/2012	20:46
10	F5A08	1200528007	MR14FA08	01/10/2012	21:17
11	F5A09	1200528008	MR15FA09	01/10/2012	21:49
12	F5A21	1200528011	MR16FA21	01/10/2012	22:20
13	F5A02DL	1200528003DL	MR17FA02	01/10/2012	22:52
14	F5A02	1200528003	MR18FA02	01/10/2012	23:23
15	VHBLKT1	254791	MR19HBLK	01/10/2012	23:54
16	VSTD005F1	VSTD005F1	MR20S05	01/11/2012	00:26
17					
18					
19					
20					
21					
22					

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

GC Column: DB624 ID: 0.53 (mm) Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005T1 Date Analyzed: 01/10/2012

Lab File ID (Standard): MR05S05 Time Analyzed: 16:12

Instrument ID: 5971-M Heated Purge: (Y/N) N

		IS1 (CBZ) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	1774982	12.58	2117495	9.15	1052725	15.67
	UPPER LIMIT	2484975	12.91	2964493	9.48	1473815	16.00
	LOWER LIMIT	1064989	12.25	1270497	8.82	631635	15.34
	EPA SAMPLE NO.						
01	VBLKT1	1726788	12.58	2129402	9.15	942022	15.67
02	F5A01	1737321	12.57	2163476	9.14	963670	15.65
03	F5A03	1743652	12.58	2149144	9.15	946559	15.66
04	F5A05	1764247	12.58	2183088	9.15	1003301	15.65
05	F5A10	1754667	12.58	2135197	9.15	978131	15.65
06	F5A11	1739329	12.59	2144447	9.16	979167	15.66
07	F5A00	1738195	12.58	2118461	9.16	993094	15.66
08	F5A04	1680930	12.58	2055225	9.15	944924	15.65
09	F5A08	1705116	12.57	2131512	9.14	959259	15.65
10	F5A09	1708532	12.57	2111658	9.15	960022	15.65
11	F5A21	1689957	12.57	2114716	9.15	963722	15.65
12	F5A02DL	1644678	12.57	2026245	9.15	883880	15.65
13	F5A02	1686950	12.58	2104505	9.15	951113	15.66
14	VHBLKT1	1679378	12.58	2089449	9.15	932204	15.65
15							
16							
17							
18							
19							
20							
21							
22							

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 contract required QC limits with an asterisk.

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A00

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR12FA00

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	2.7	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.80	
156-59-2	cis-1,2-Dichloroethene	5.4	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A00

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR12FA00

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	1.8	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.97	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.0	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.14	J
95-47-6	o-Xylene	0.16	J
179601-23-1	m,p-Xylene	0.43	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A00

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR12FA00

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

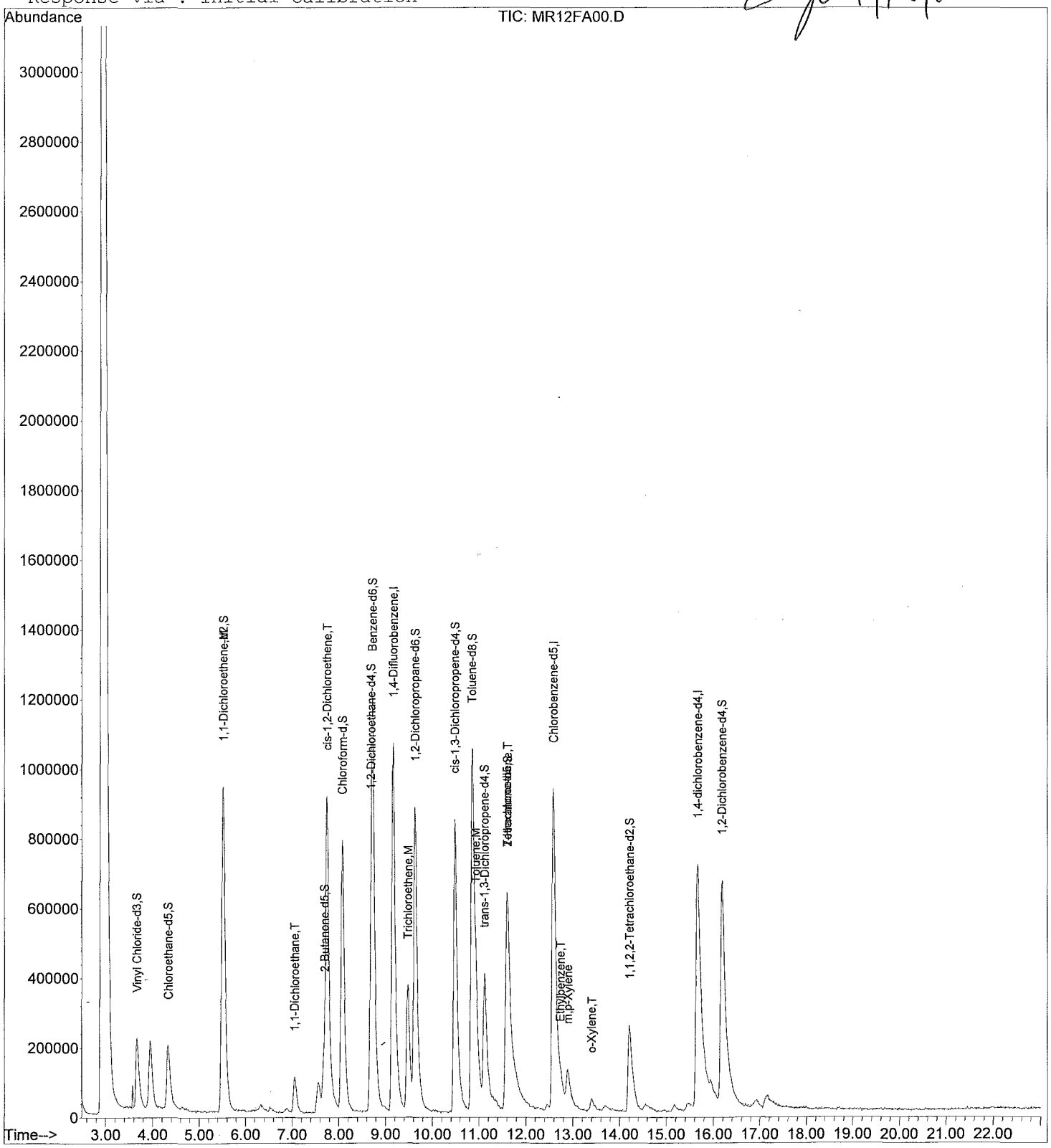
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR12FA00.D
Acq Time : 01/10/2012 20:14 Operator: JAG
Sample : 1200528001 F5A00 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:43 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

Jan 19 12



Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR12FA00.D
Acq Time : 01/10/2012 20:14 Operator: JAG
Sample : 1200528001 F5A00 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:43 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.16	114	2118461	5.0000 ug/L	82.46
28) Chlorobenzene-d5	12.58	117	1738195	5.0000 ug/L	81.67
60) 1,4-dichlorobenzene-d4	15.66	152	993094	5.0000 ug/L	82.93
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.66	65	629338	6.3537 ug/L	127.07%
8) Chloroethane-d5	4.32	69	557909	5.4884 ug/L	109.77%
11) 1,1-Dichloroethene-d2	5.50	63	1736048	4.6664 ug/L	93.33%
22) 2-Butanone-d5	7.68	46	857725	46.8217 ug/L	93.64%
25) Chloroform-d	8.07	84	1437314	4.9747 ug/L	99.49%
27) 1,2-Dichloroethane-d4	8.67	65	582106	4.5712 ug/L	91.42%
33) Benzene-d6	8.71	84	2102320	5.0394 ug/L	100.79%
37) 1,2-Dichloropropane-d6	9.62	67	1092276	4.6659 ug/L	93.32%
40) cis-1,3-Dichloropropene-d4	10.48	79	1349135	4.9967 ug/L	99.93%
42) trans-1,3-Dichloropropene-	11.11	79	609703	4.7790 ug/L	95.58%
47) Toluene-d8	10.84	98	1919936	5.0480 ug/L	100.96%
50) 2-Hexanone-d5	11.60	63	683309	47.3828 ug/L	94.77%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	448121	5.1767 ug/L	103.53%
65) 1,2-Dichlorobenzene-d4	16.19	152	810567	4.9677 ug/L	99.35%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.52	96	268651	2.7235 ug/L #	46
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.05	63	277052	0.8008 ug/L	99
20) cis-1,2-Dichloroethene	7.74	96	723485	5.3544 ug/L	92
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.47	95	293944	1.8380 ug/L	98
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

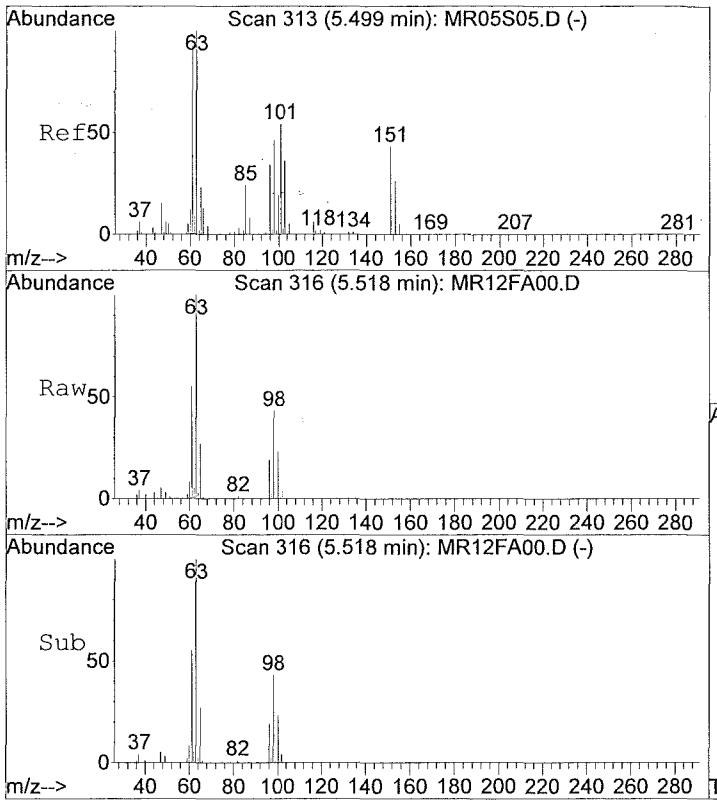
Data File : J:\M\2012\JAN12M\10JAN12M\MR12FA00.D
Acq Time : 01/10/2012 20:14 Operator: JAG
Sample : 1200528001 F5A00 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:43 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.93	91	422486	0.9714 ug/L	97
48)	Tetrachloroethene	11.59	164	173834	1.0301 ug/L	98
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	12.74	91	64537	0.1426 ug/L	93
54)	m,p-Xylene	12.90	106	98104	0.4339 ug/L	85
55)	o-Xylene	13.40	106	29960	0.1552 ug/L	99
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

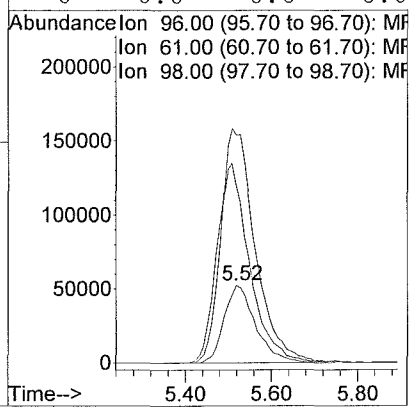
(#) = qualifier out of range (m) = manual integration

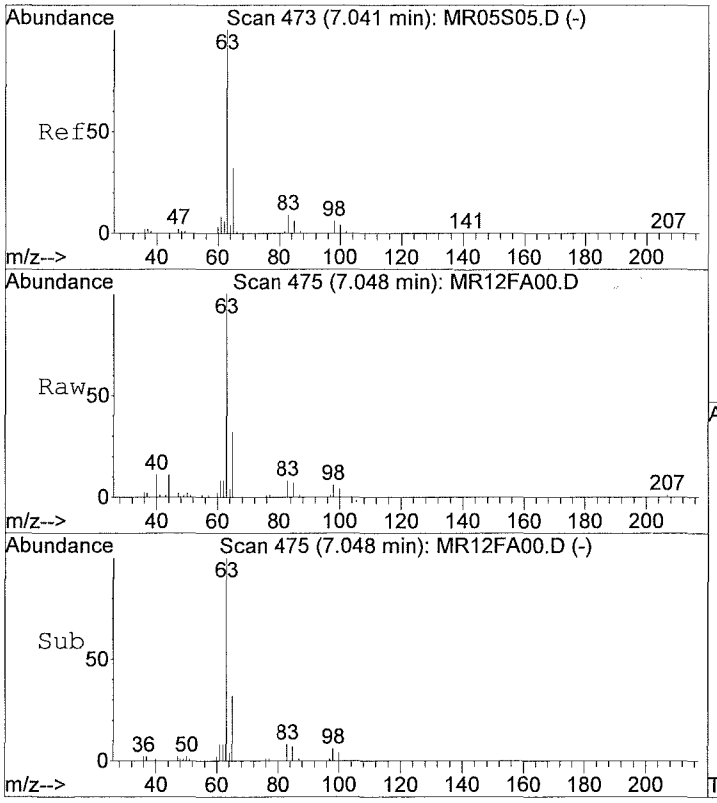


#10
1,1-Dichloroethene
Concen: 2.72 ug/L
RT: 5.52 min Scan# 316
Delta R.T. 0.02 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:96 Resp: 268651

Ion	Ratio	Lower	Upper
96	100		
61	329.5	139.6	418.8
98	266.2	68.1	204.3#
0	0.0	0.0	0.0

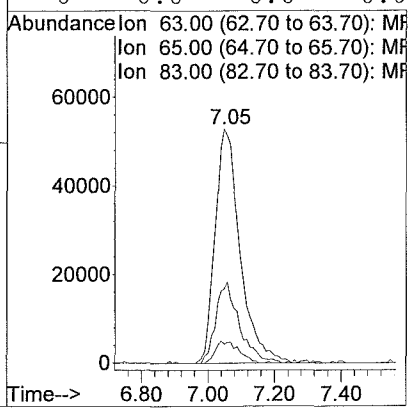


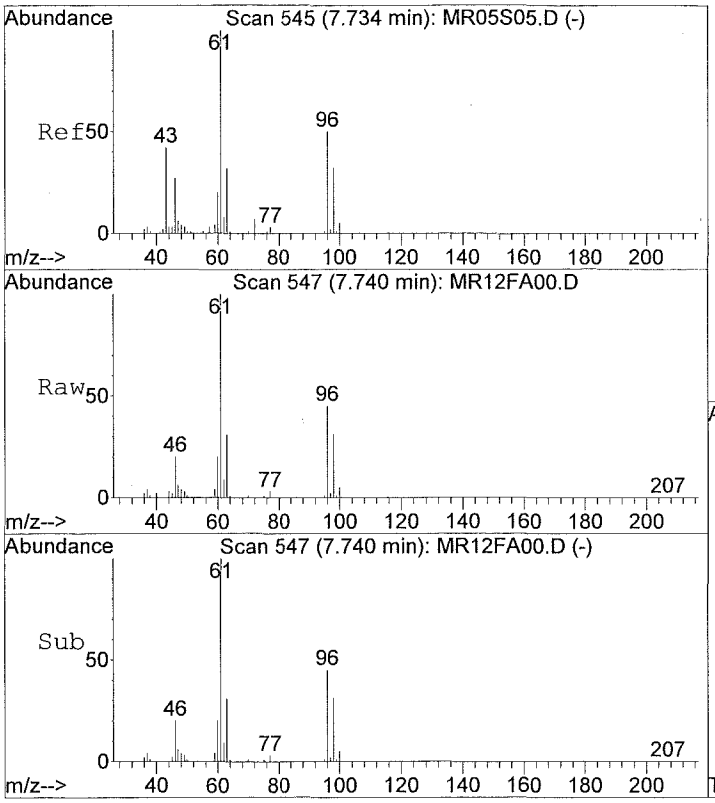


#19
1,1-Dichloroethane
Concen: 0.80 ug/L
RT: 7.05 min Scan# 475
Delta R.T. 0.01 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:63 Resp: 277052

Ion	Ratio	Lower	Upper
63	100		
65	32.7	16.1	48.2
83	8.9	4.5	13.6
0	0.0	0.0	0.0

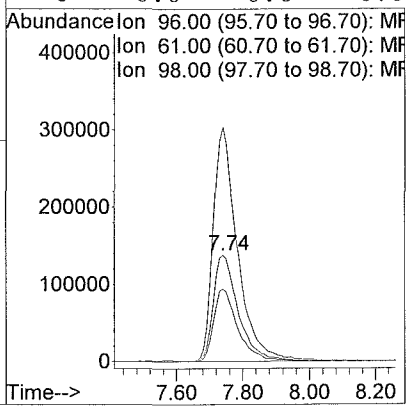


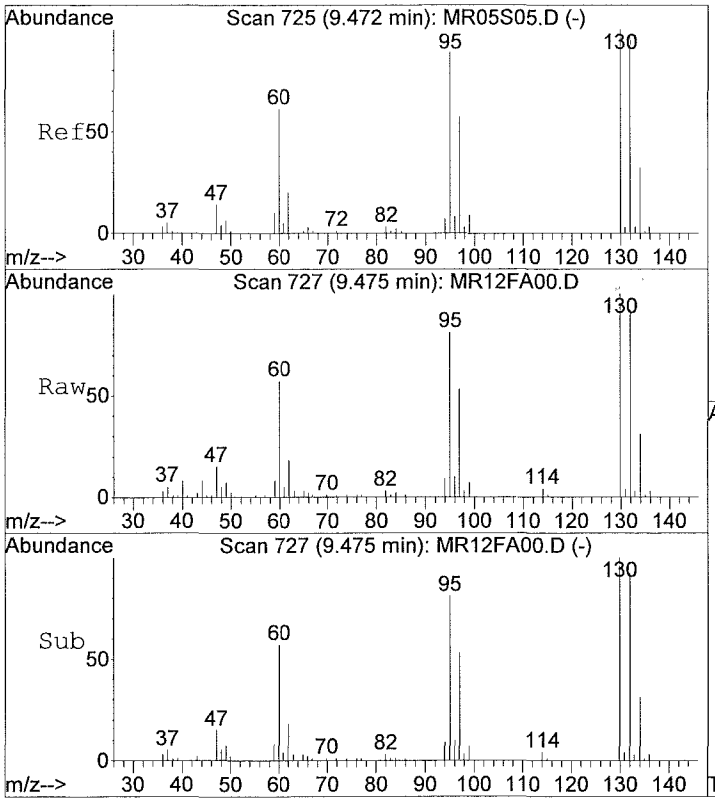


#20
cis-1,2-Dichloroethene
Concen: 5.35 ug/L
RT: 7.74 min Scan# 547
Delta R.T. 0.01 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:96 Resp: 723485

Ion	Ratio	Lower	Upper
96	100		
61	212.0	99.3	297.8
98	66.1	31.7	95.0
0	0.0	0.0	0.0

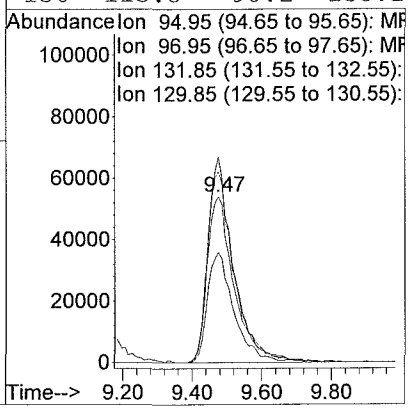


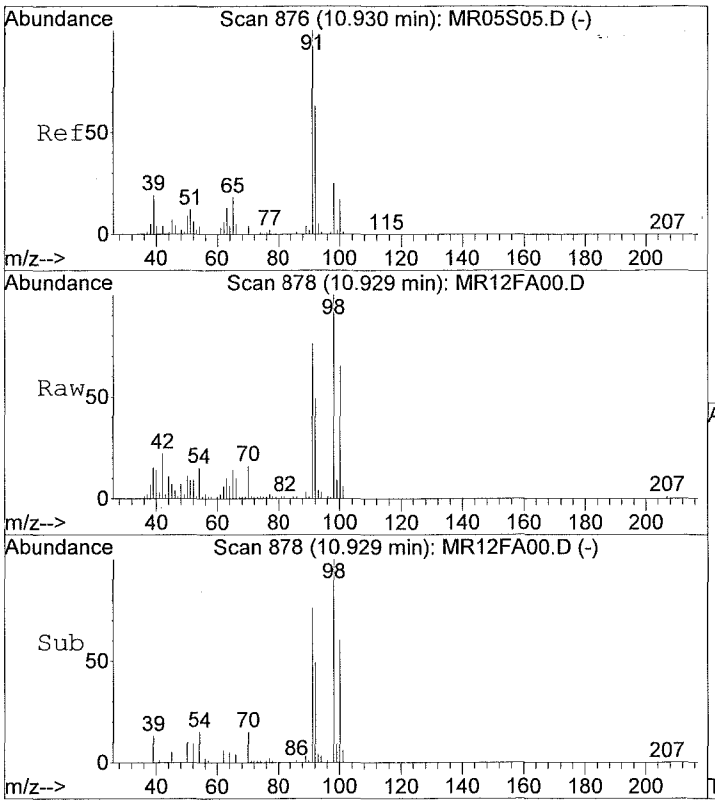


#34
Trichloroethene
Concen: 1.84 ug/L
RT: 9.47 min Scan# 727
Delta R.T. 0.00 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:94.95 Resp: 293944

Ion	Ratio	Lower	Upper
95	100		
97	64.5	51.2	76.8
132	113.2	87.0	130.6
130	113.5	90.2	135.2

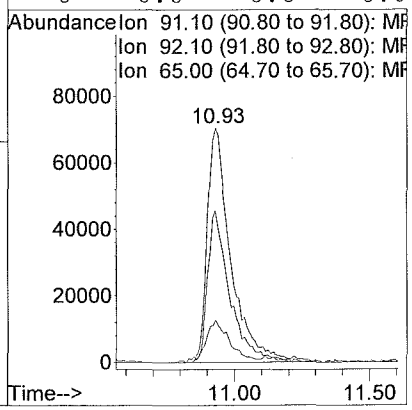


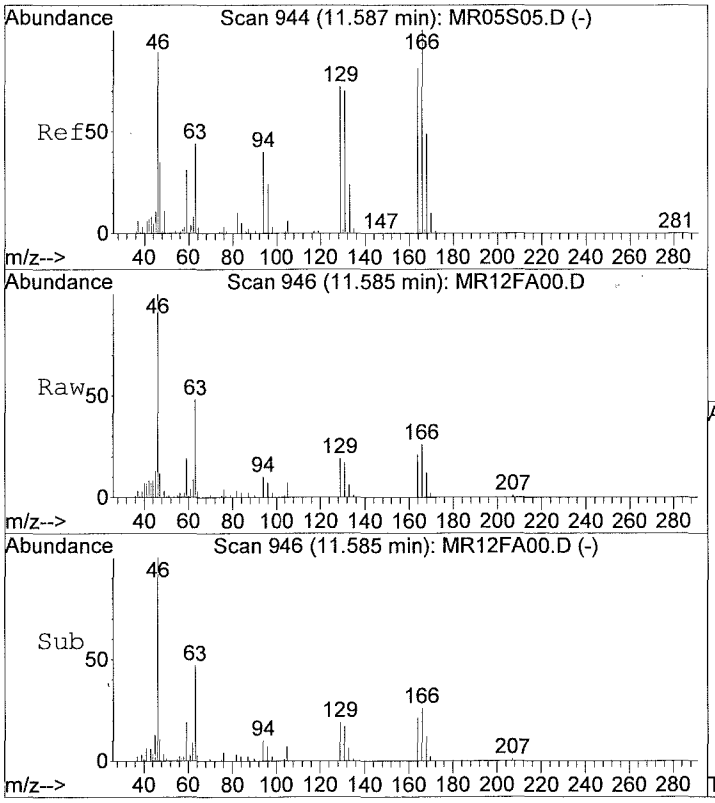


#46
Toluene
Concen: 0.97 ug/L
RT: 10.93 min Scan# 878
Delta R.T. -0.00 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:91.1 Resp: 422486

Ion	Ratio	Lower	Upper
91	100		
92	60.8	50.6	76.0
65	18.3	14.2	21.2
0	0.0	0.0	0.0

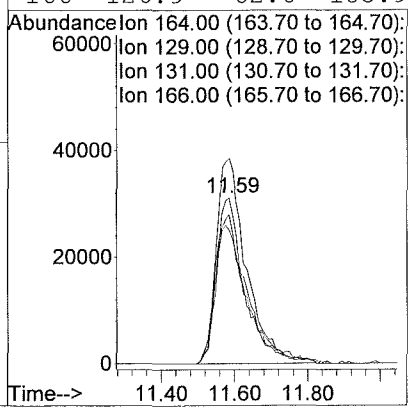


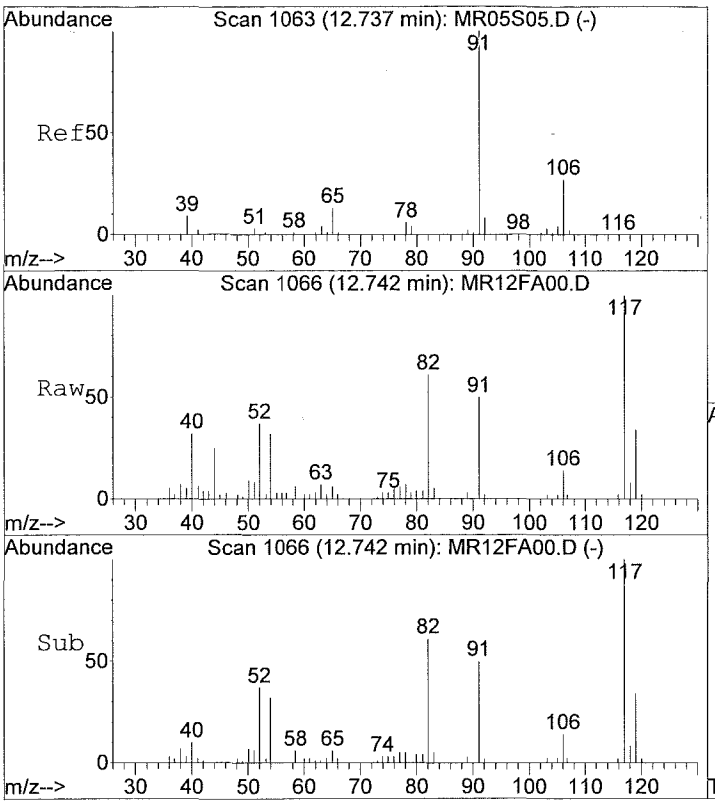


#48
Tetrachloroethene
Concen: 1.03 ug/L
RT: 11.59 min Scan# 946
Delta R.T. -0.00 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:164 Resp: 173834

Ion	Ratio	Lower	Upper
164	100		
129	92.0	44.6	133.8
131	87.9	43.3	129.9
166	126.9	62.0	185.9

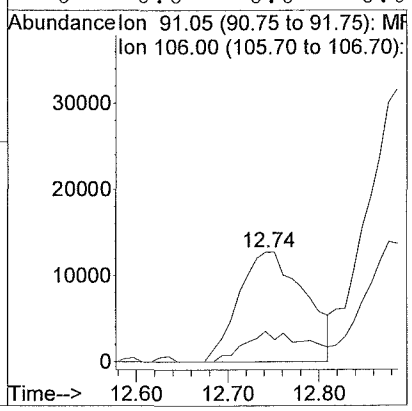


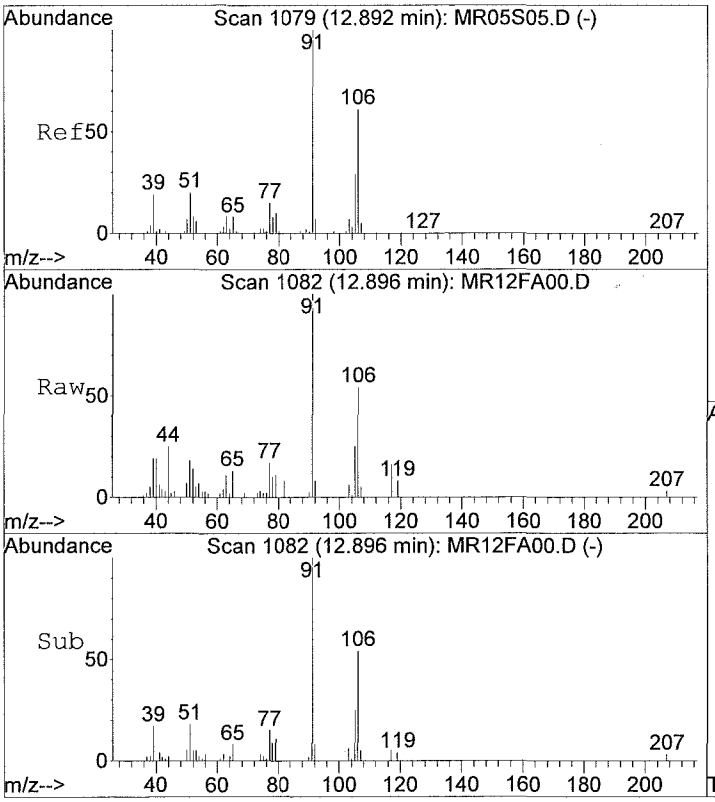


#53
Ethylbenzene
Concen: 0.14 ug/L
RT: 12.74 min Scan# 1066
Delta R.T. 0.00 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:91.05 Resp: 64537

Ion	Ratio	Lower	Upper
91	100		
106	23.6	21.7	32.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0

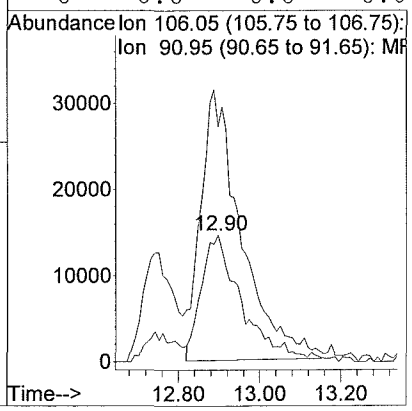


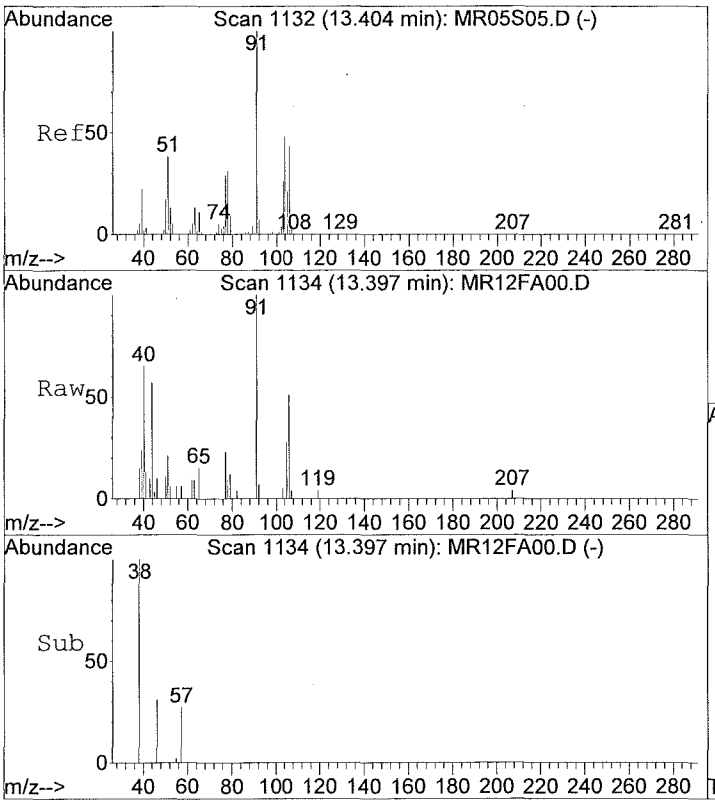


#54
m,p-Xylene
Concen: 0.43 ug/L
RT: 12.90 min Scan# 1082
Delta R.T. 0.00 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:106.05 Resp: 98104

Ion	Ratio	Lower	Upper
106	100		
91	238.5	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0

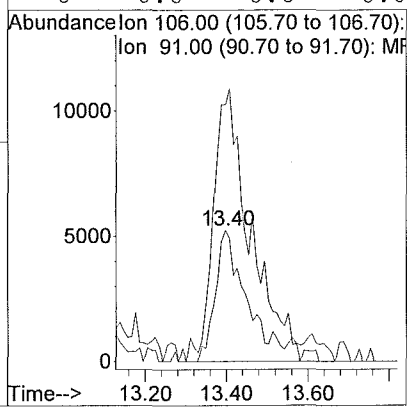




#55
o-Xylene
Concen: 0.16 ug/L
RT: 13.40 min Scan# 1134
Delta R.T. -0.01 min
Lab File: MR12FA00.D
Acq: 01/10/2012 20:14

Tgt Ion:106 Resp: 29960

Ion	Ratio	Lower	Upper
106	100		
91	228.9	114.9	344.6
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Library Search Compound Report

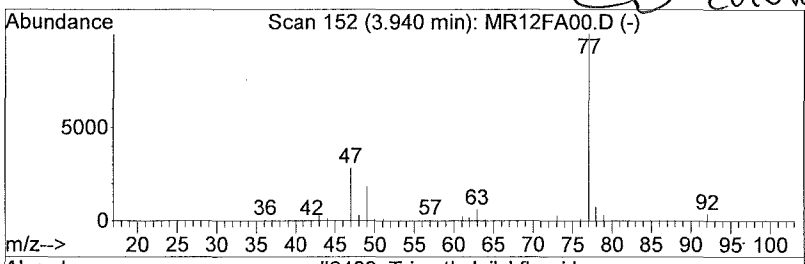
Data File : J:\M\2012\JAN12M\10JAN12M\MR12FA00.D
Acq Time : 01/10/2012 20:14 Operator: JAG
Sample : 1200528001 F5A00 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

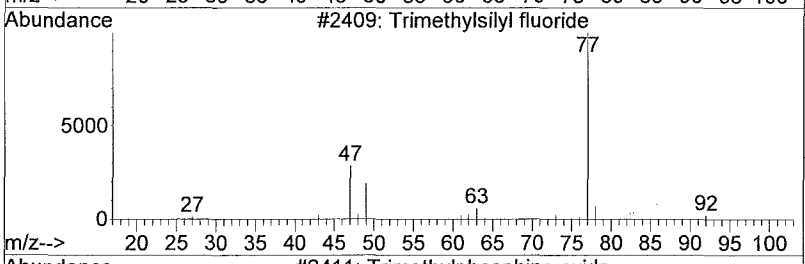
Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

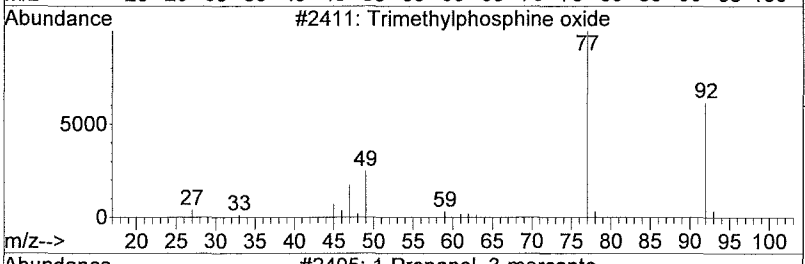
R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.94	0.92 ug/L	1034225	1,4-Difluorobenzene	5637719

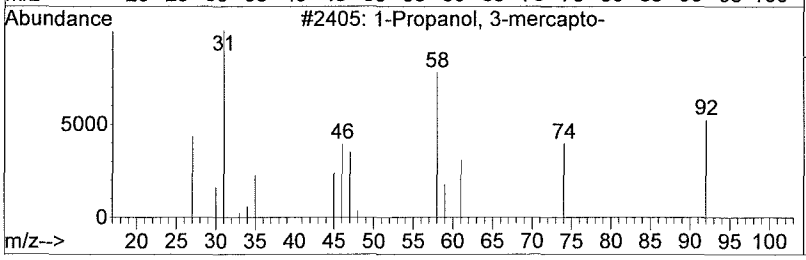
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Trimethylsilyl fluoride	2409	000420-56-4	91.00
2	Trimethylphosphine oxide	2411	000676-96-0	72.00
3	1-Propanol, 3-mercapto-	2405	019721-22-3	9.00
4	Ethyl Chloride	351	000075-00-3	9.00
5	Propane, 1,2-dichloro-2-methyl-	10899	000594-37-6	4.00

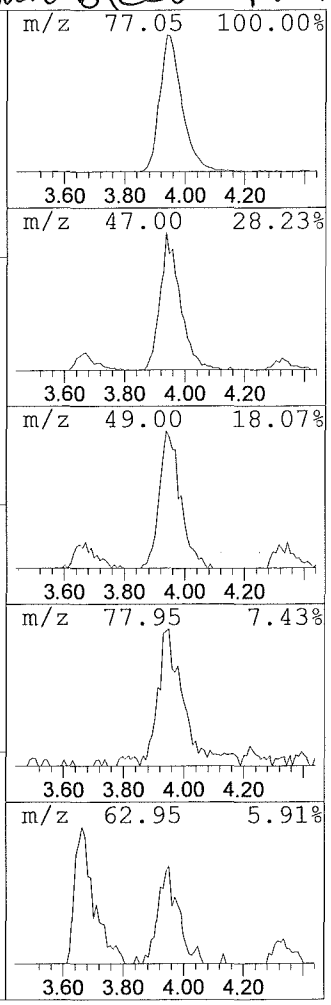
CB -column bleed not reported











1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A01

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR07FA01

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	3.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.11	J
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.83	
156-59-2	cis-1,2-Dichloroethene	5.5	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A01

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR07FA01

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	2.1	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.92	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.1	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.14	J
95-47-6	o-Xylene	0.16	J
179601-23-1	m,p-Xylene	0.48	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A01

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR07FA01

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

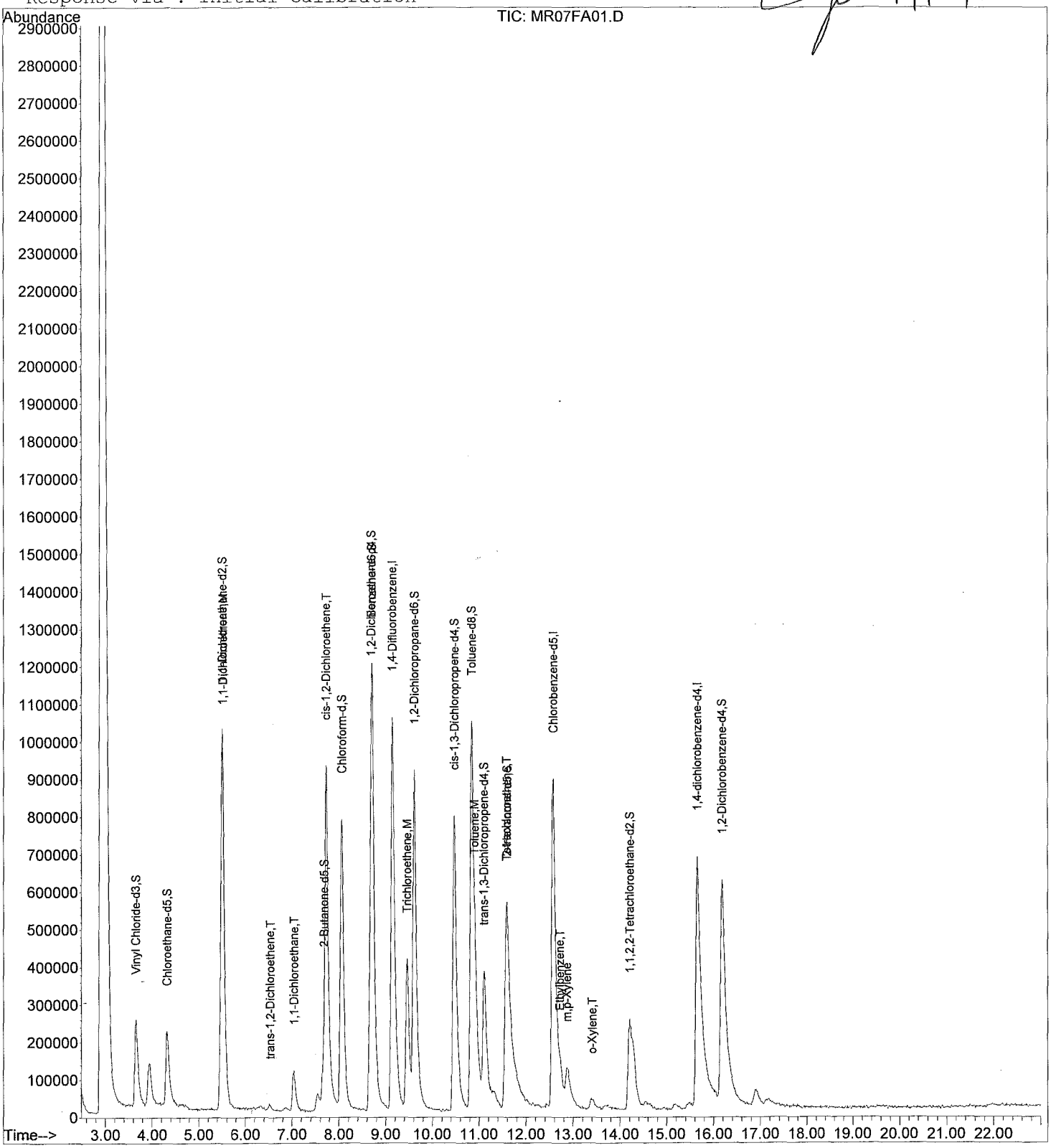
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR07FA01.D
Acq Time : 01/10/2012 17:37 Operator: JAG
Sample : 1200528002 F5A01 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:26 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR07FA01.D
Acq Time : 01/10/2012 17:37 Operator: JAG
Sample : 1200528002 F5A01 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:26 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.14	114	2163476	5.0000 ug/L	84.22
28) Chlorobenzene-d5	12.57	117	1737321	5.0000 ug/L	81.63
60) 1,4-dichlorobenzene-d4	15.65	152	963670	5.0000 ug/L	80.47
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	708213	7.0013 ug/L	140.03%#
8) Chloroethane-d5	4.31	69	613378	5.9085 ug/L	118.17%
11) 1,1-Dichloroethene-d2	5.50	63	1854008	4.8798 ug/L	97.60%
22) 2-Butanone-d5	7.67	46	818687	43.7608 ug/L	87.52%
25) Chloroform-d	8.05	84	1458228	4.9421 ug/L	98.84%
27) 1,2-Dichloroethane-d4	8.68	65	567451	4.3634 ug/L	87.27%
33) Benzene-d6	8.70	84	2171656	5.2082 ug/L	104.16%
37) 1,2-Dichloropropane-d6	9.61	67	1158212	4.9500 ug/L	99.00%
40) cis-1,3-Dichloropropene-d4	10.48	79	1337302	4.9554 ug/L	99.11%
42) trans-1,3-Dichloropropene-	11.10	79	580616	4.5533 ug/L	91.07%
47) Toluene-d8	10.84	98	1943454	5.1124 ug/L	102.25%
50) 2-Hexanone-d5	11.60	63	599421	41.5867 ug/L	83.17%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	429740	4.9668 ug/L	99.34%
65) 1,2-Dichlorobenzene-d4	16.18	152	738859	4.6665 ug/L	93.33%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.52	96	297833	2.9565 ug/L #	49
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	6.54	96	12051	0.1107 ug/L	96
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.04	63	293151	0.8297 ug/L	99
20) cis-1,2-Dichloroethene	7.72	96	754679	5.4691 ug/L	91
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.45	95	330998	2.0707 ug/L	97
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

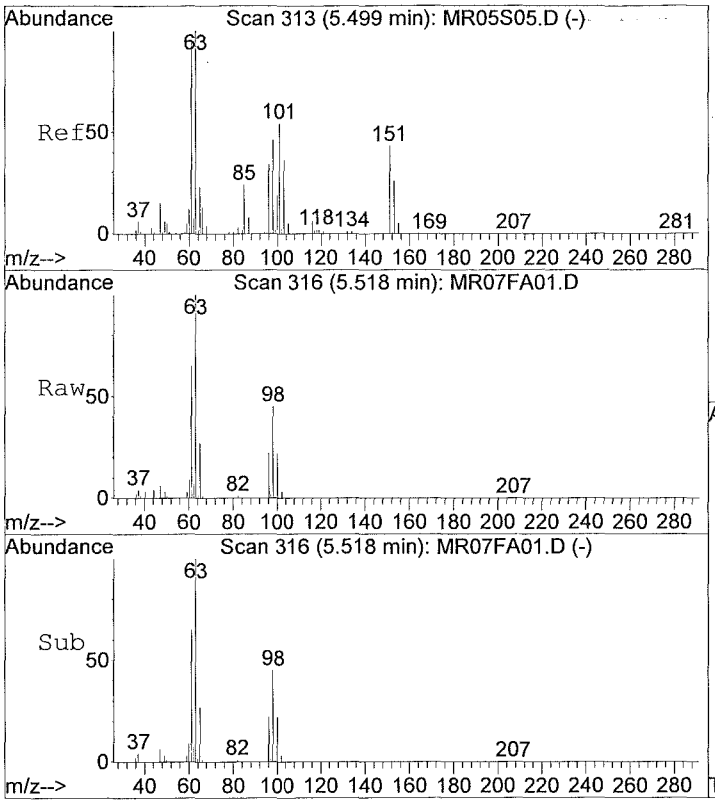
Data File : J:\M\2012\JAN12M\10JAN12M\MR07FA01.D
Acq Time : 01/10/2012 17:37 Operator: JAG
Sample : 1200528002 F5A01 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:26 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.91	91	400567	0.9215 ug/L	96
48)	Tetrachloroethene	11.58	164	192433	1.1409 ug/L	99
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	12.73	91	65435	0.1446 ug/L	95
54)	m,p-Xylene	12.88	106	108414	0.4797 ug/L	100
55)	o-Xylene	13.41	106	30530	0.1582 ug/L	90
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

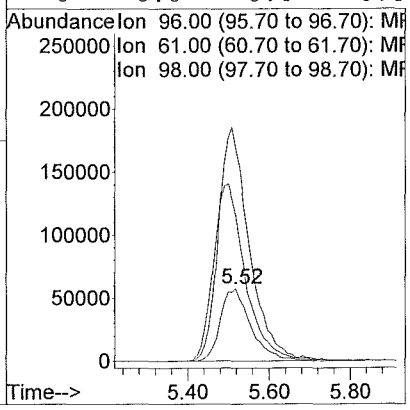
(#) = qualifier out of range (m) = manual integration

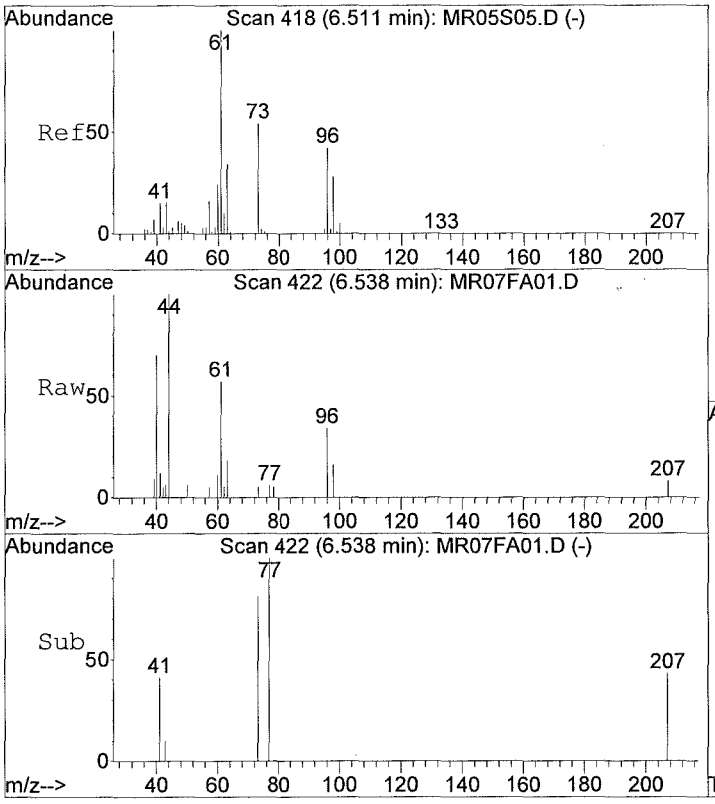


#10
1,1-Dichloroethene
Concen: 2.96 ug/L
RT: 5.52 min Scan# 316
Delta R.T. 0.02 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:96 Resp: 297833

Ion	Ratio	Lower	Upper
96	100		
61	329.0	139.6	418.8
98	256.1	68.1	204.3#
0	0.0	0.0	0.0

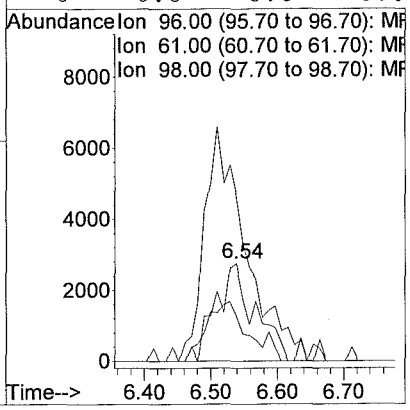


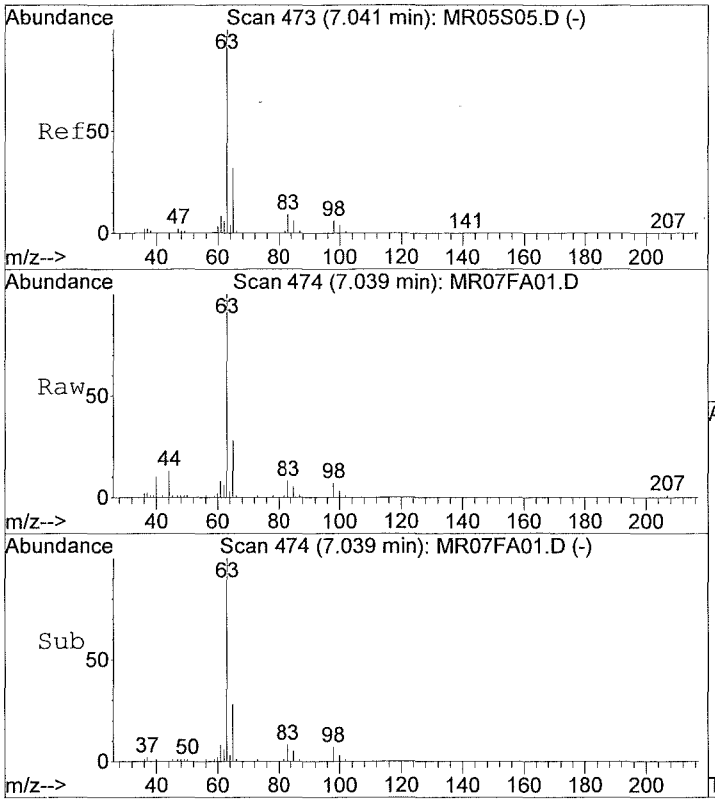


#17
trans-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 6.54 min Scan# 422
Delta R.T. 0.03 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:96 Resp: 12051

Ion	Ratio	Lower	Upper
96	100		
61	243.6	119.6	358.8
98	60.4	33.7	101.0
0	0.0	0.0	0.0

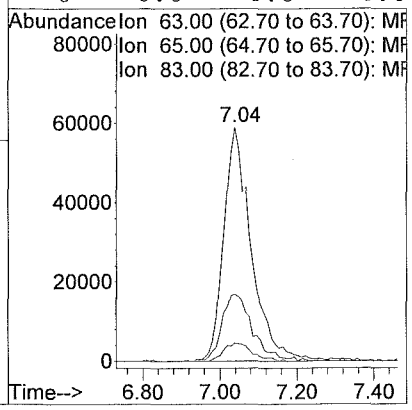


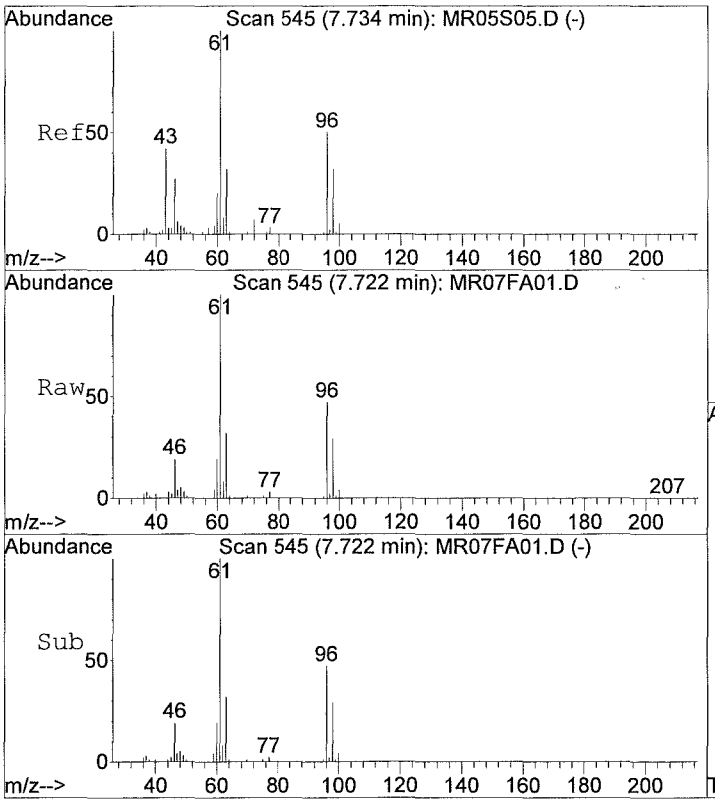


#19
1,1-Dichloroethane
Concen: 0.83 ug/L
RT: 7.04 min Scan# 474
Delta R.T. -0.00 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:63 Resp: 293151

Ion	Ratio	Lower	Upper
63	100		
65	32.0	16.1	48.2
83	8.1	4.5	13.6
0	0.0	0.0	0.0

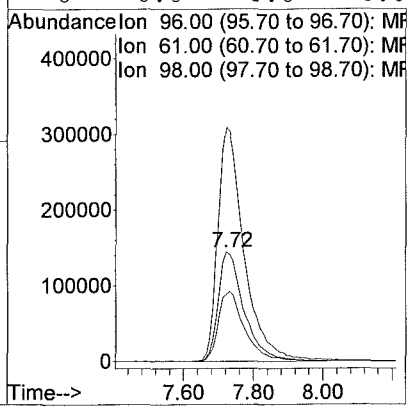


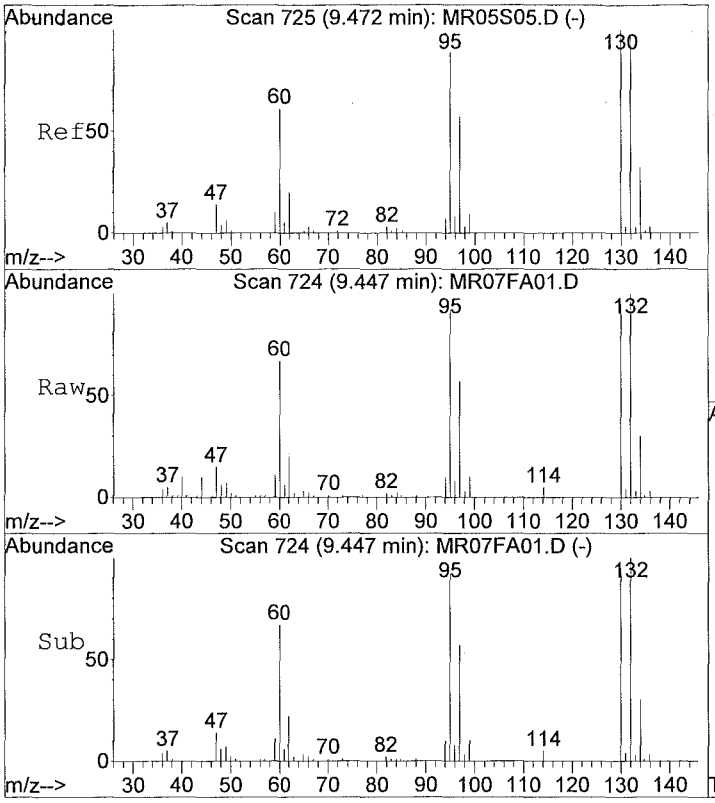


#20
cis-1,2-Dichloroethene
Concen: 5.47 ug/L
RT: 7.72 min Scan# 545
Delta R.T. -0.01 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:96 Resp: 754679

Ion	Ratio	Lower	Upper
96	100		
61	216.0	99.3	297.8
98	64.9	31.7	95.0
0	0.0	0.0	0.0

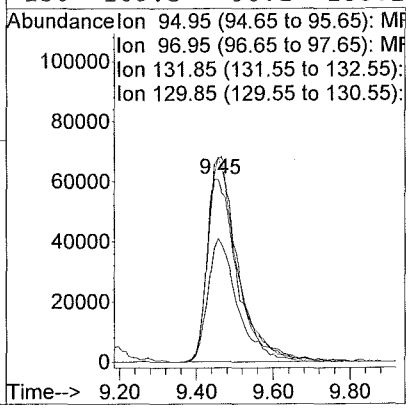


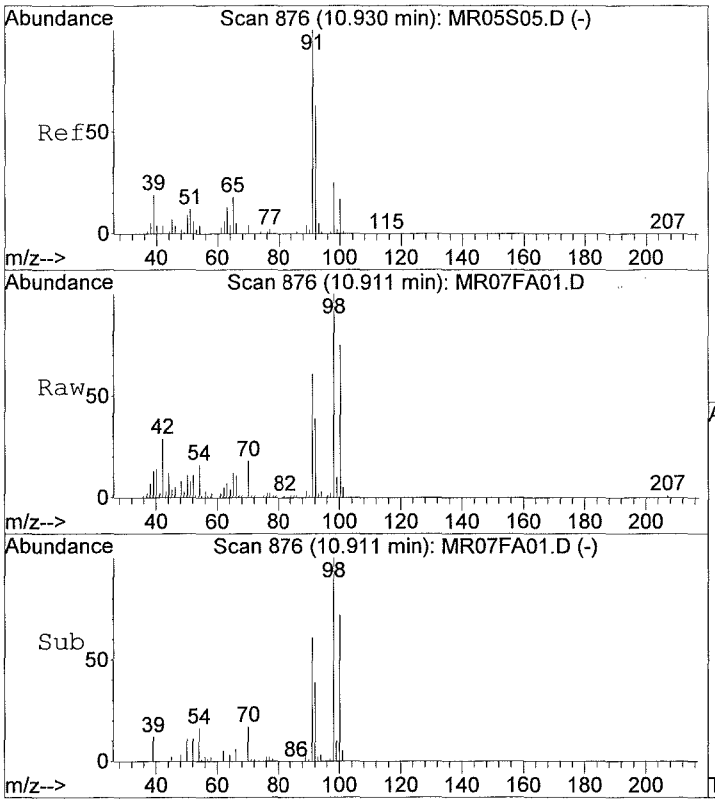


#34
Trichloroethene
Concen: 2.07 ug/L
RT: 9.45 min Scan# 724
Delta R.T. -0.03 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:94.95 Resp: 330998

Ion	Ratio	Lower	Upper
95	100		
97	66.2	51.2	76.8
132	111.7	87.0	130.6
130	109.3	90.2	135.2

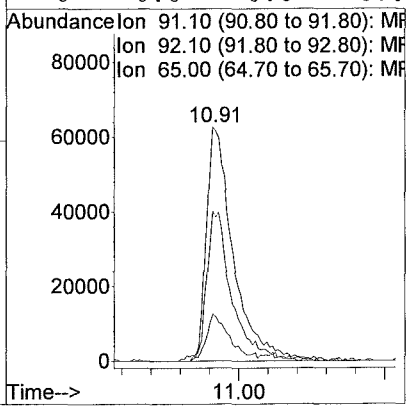


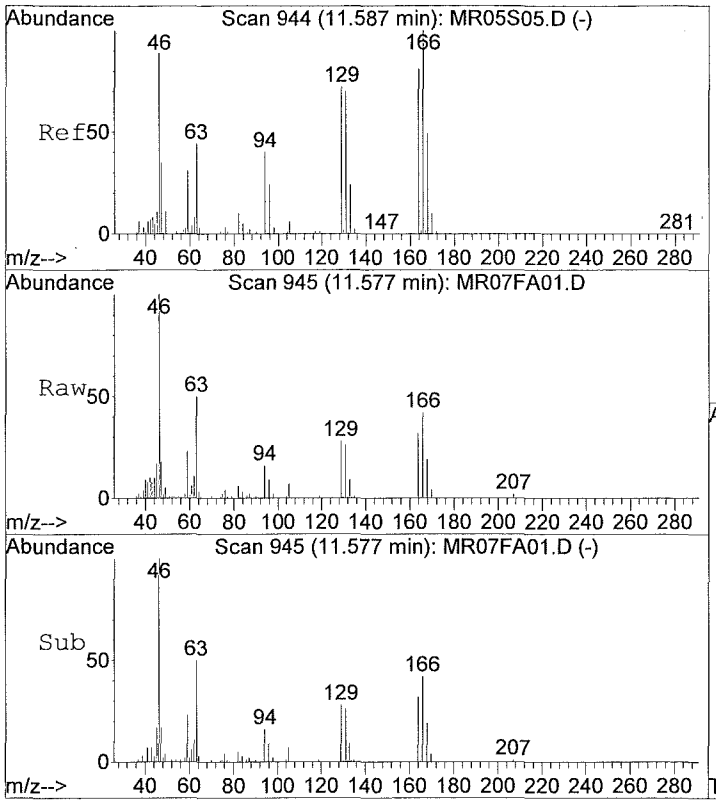


#46
Toluene
Concen: 0.92 ug/L
RT: 10.91 min Scan# 876
Delta R.T. -0.02 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:91.1 Resp: 400567

Ion	Ratio	Lower	Upper
91	100		
92	59.1	50.6	76.0
65	18.1	14.2	21.2
0	0.0	0.0	0.0

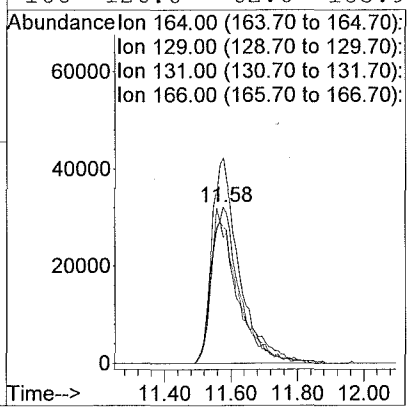


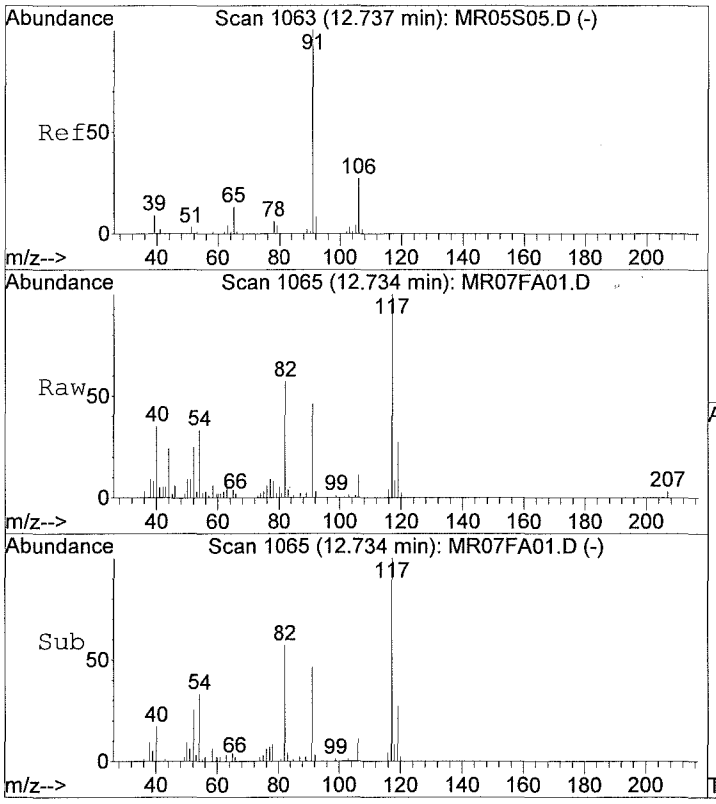


#48
Tetrachloroethene
Concen: 1.14 ug/L
RT: 11.58 min Scan# 945
Delta R.T. -0.01 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:164 Resp: 192433

Ion	Ratio	Lower	Upper
164	100		
129	88.5	44.6	133.8
131	87.9	43.3	129.9
166	126.0	62.0	185.9

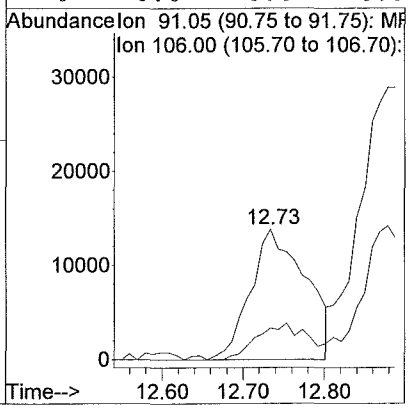


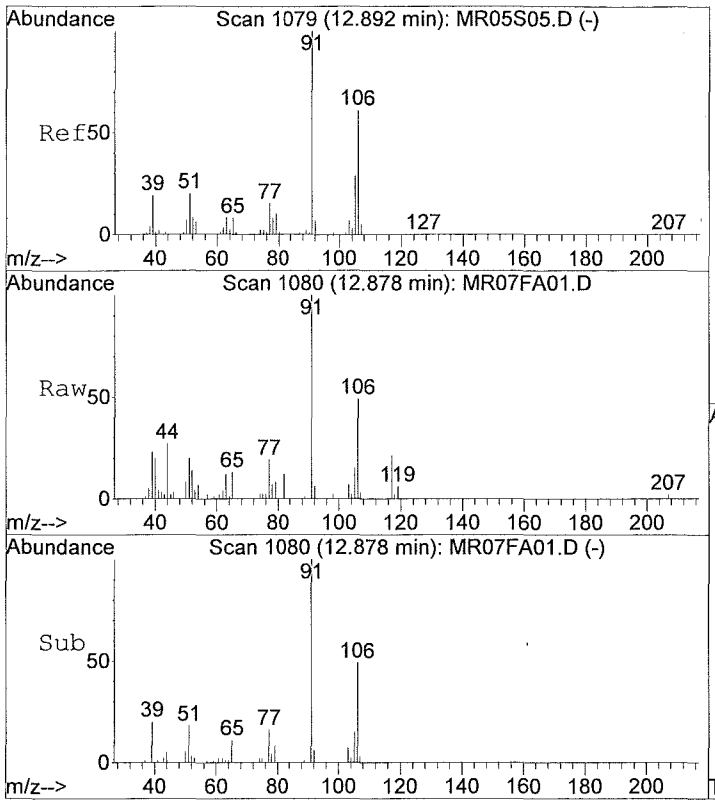


#53
Ethylbenzene
Concen: 0.14 ug/L
RT: 12.73 min Scan# 1065
Delta R.T. -0.00 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:91.05 Resp: 65435

Ion	Ratio	Lower	Upper
91	100		
106	24.4	21.7	32.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0

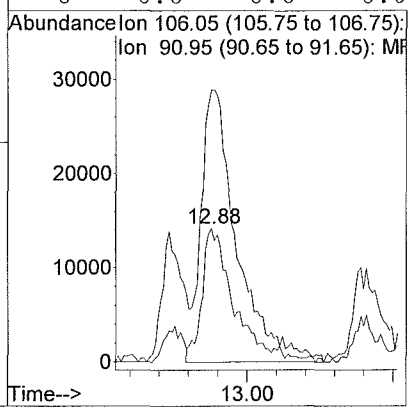


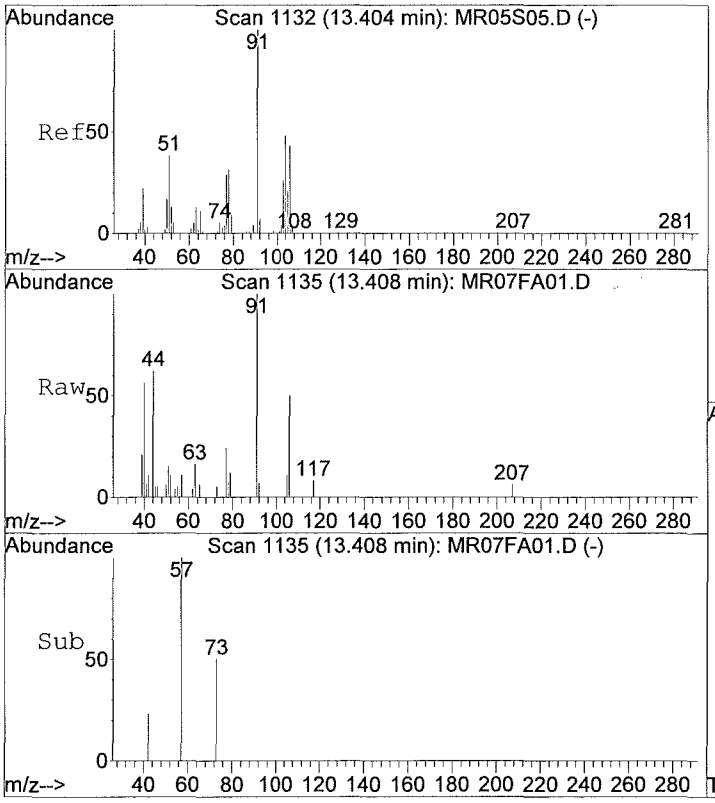


#54
m,p-Xylene
Concen: 0.48 ug/L
RT: 12.88 min Scan# 1080
Delta R.T. -0.01 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:106.05 Resp: 108414

Ion	Ratio	Lower	Upper
106	100		
91	214.1	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0

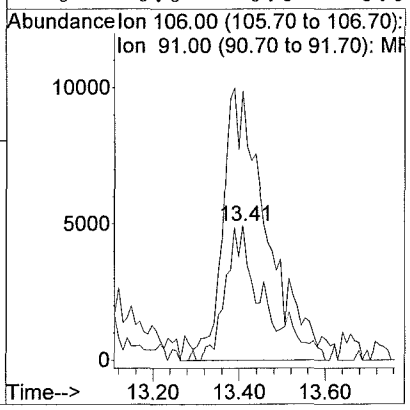




#55
o-Xylene
Concen: 0.16 ug/L
RT: 13.41 min Scan# 1135
Delta R.T. 0.00 min
Lab File: MR07FA01.D
Acq: 01/10/2012 17:37

Tgt Ion:106 Resp: 30530

Ion	Ratio	Lower	Upper
106	100		
91	213.2	114.9	344.6
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Library Search Compound Report

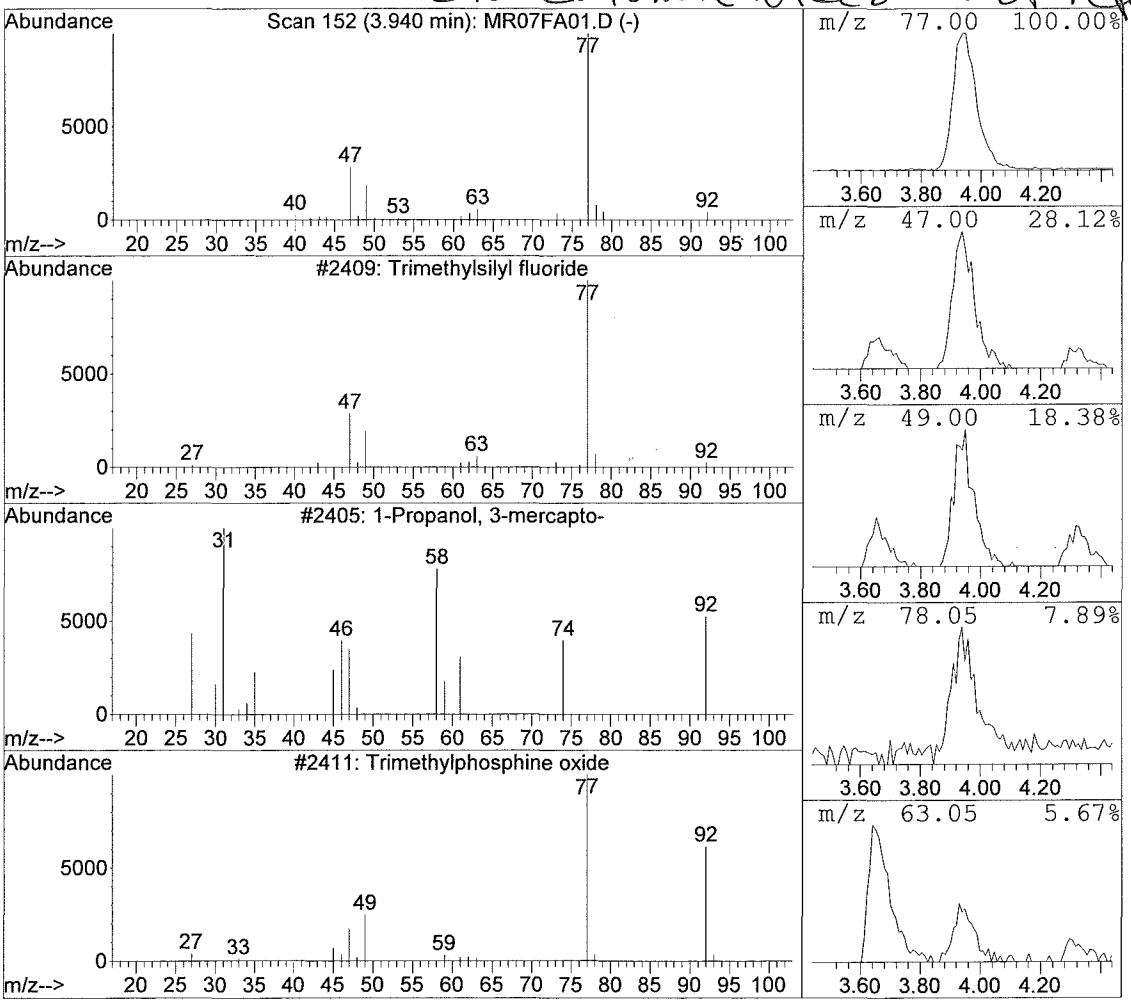
Data File : J:\M\2012\JAN12M\10JAN12M\MR07FA01.D
Acq Time : 01/10/2012 17:37 Operator: JAG
Sample : 1200528002 F5A01 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.94	0.72 ug/L	828513	1,4-Difluorobenzene	5741720

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Trimethylsilyl fluoride	2409	000420-56-4	90.00
2	1-Propanol, 3-mercapto-	2405	019721-22-3	9.00
3	Trimethylphosphine oxide	2411	000676-96-0	9.00
4	4,6-Heptadiyn-3-one	5024	029743-27-9	9.00
5	Dimethoxyamine	975	007487-32-3	3.00

CB-Column bleed not reported



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A02

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR18FA02

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	95.	E
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	2.2	
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	15.	
156-59-2	cis-1,2-Dichloroethene	100	E
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.70	
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	2.0	

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A02

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR18FA02

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	46.	E
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.35	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.67	
127-18-4	Tetrachloroethene	37.	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.10	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A02

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR18FA02

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

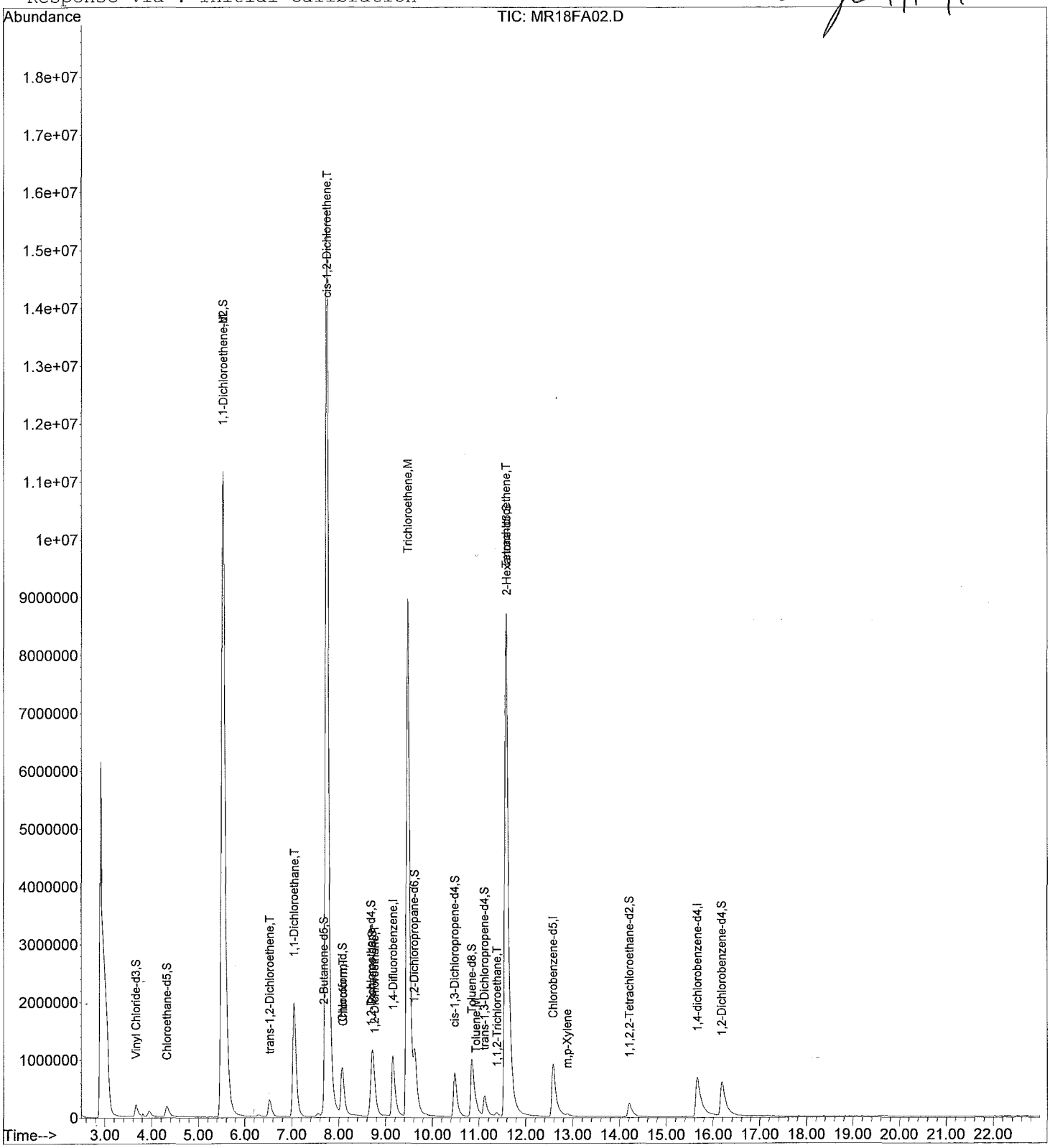
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR18FA02.D
Acq Time : 01/10/2012 23:23 Operator: JAG
Sample : 1200528003 F5A02 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 14:59 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR18FA02.D
Acq Time : 01/10/2012 23:23 Operator: JAG
Sample : 1200528003 F5A02 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 14:59 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2104505	5.0000 ug/L	81.92
28) Chlorobenzene-d5	12.58	117	1686950	5.0000 ug/L	79.26
60) 1,4-dichlorobenzene-d4	15.66	152	951113	5.0000 ug/L	79.42
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	609248	6.1917 ug/L	123.83%
8) Chloroethane-d5	4.32	69	536805	5.3158 ug/L	106.32%
11) 1,1-Dichloroethene-d2	5.51	63	9516911	25.7505 ug/L	515.01%#
22) 2-Butanone-d5	7.67	46	786225	43.2033 ug/L	86.41%
25) Chloroform-d	8.06	84	1382497	4.8167 ug/L	96.33%
27) 1,2-Dichloroethane-d4	8.67	65	578791	4.5754 ug/L	91.51%
33) Benzene-d6	8.71	84	2018218	4.9847 ug/L	99.69%
37) 1,2-Dichloropropane-d6	9.62	67	1034051	4.5514 ug/L	91.03%
40) cis-1,3-Dichloropropene-d4	10.47	79	1206915	4.6058 ug/L	92.12%
42) trans-1,3-Dichloropropene-	11.12	79	566279	4.5734 ug/L	91.47%
47) Toluene-d8	10.85	98	1855138	5.0258 ug/L	100.52%
50) 2-Hexanone-d5	11.59	63	619410	44.2566 ug/L	88.51%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	408998	4.8683 ug/L	97.37%
65) 1,2-Dichlorobenzene-d4	16.18	152	779193	4.9862 ug/L	99.72%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.51	96	9264538	94.5441 ug/L	81
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	6.52	96	237182	2.2403 ug/L	95
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.04	63	5290188	15.3915 ug/L	99
20) cis-1,2-Dichloroethene	7.74	96	13767586	102.5681 ug/L	94
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	8.09	83	194615	0.6979 ug/L #	1
26) 1,2-Dichloroethane	8.77	62	286719	1.9599 ug/L #	96
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.46	95	7210628	46.4560 ug/L	98
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

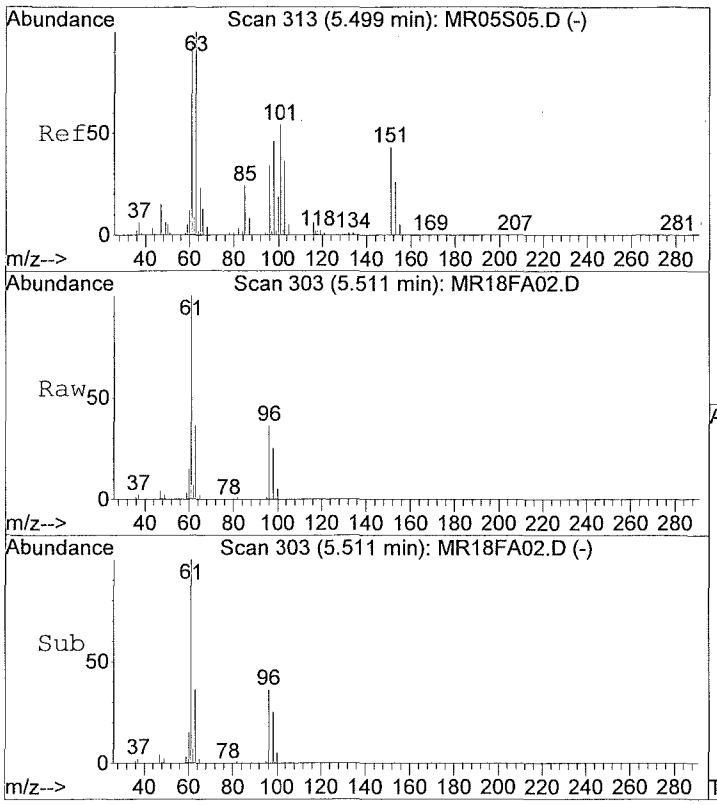
Data File : J:\M\2012\JAN12M\10JAN12M\MR18FA02.D
Acq Time : 01/10/2012 23:23 Operator: JAG
Sample : 1200528003 F5A02 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 14:59 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	11.38	97	44676	0.6723 ug/L	87
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.94	91	146491	0.3471 ug/L #	97
48)	Tetrachloroethene	11.57	164	6134724	37.4587 ug/L	97
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	12.88	106	22954	0.1046 ug/L	88
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

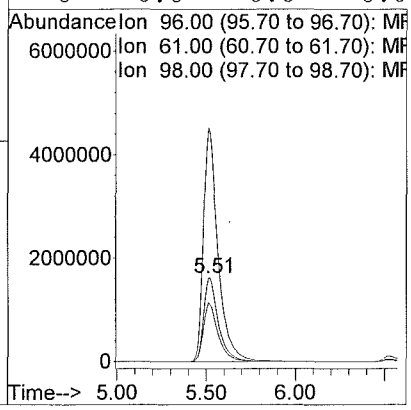
(#) = qualifier out of range (m) = manual integration

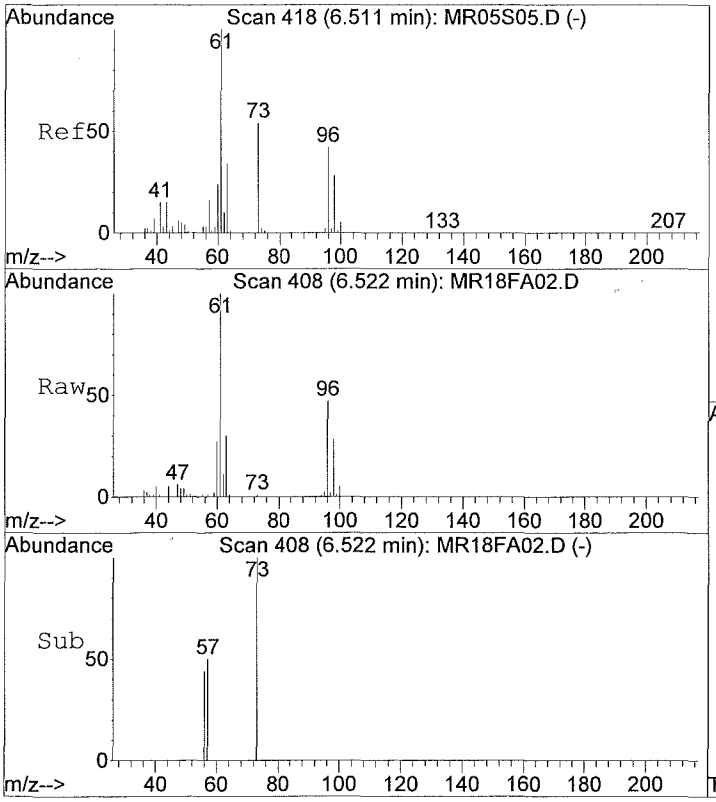


#10
1,1-Dichloroethene
Concen: 94.54 ug/L
RT: 5.51 min Scan# 303
Delta R.T. 0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:96 Resp: 9264538

Ion	Ratio	Lower	Upper
96	100		
61	275.1	139.6	418.8
98	70.7	68.1	204.3
0	0.0	0.0	0.0

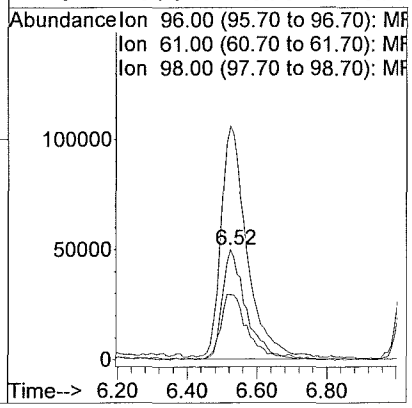


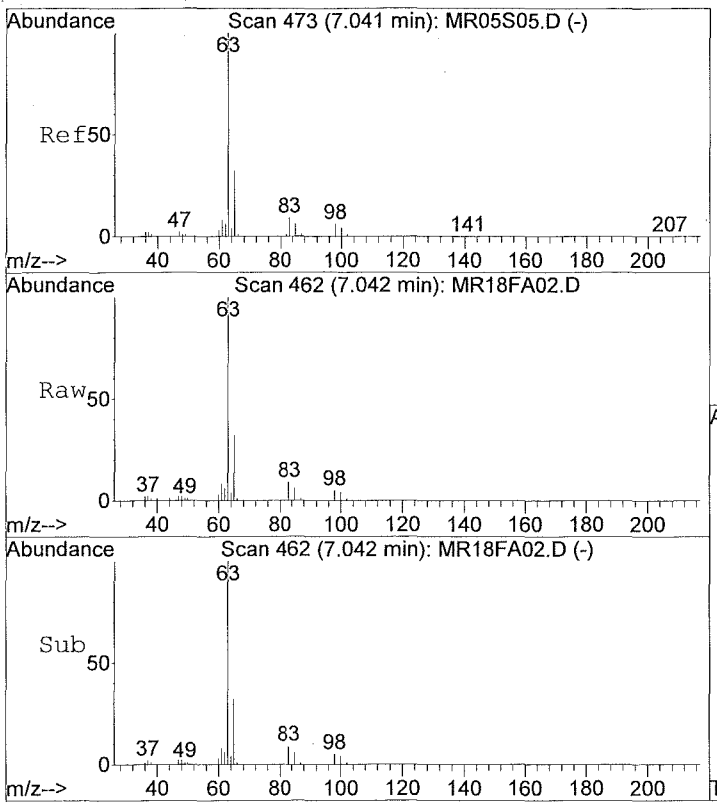


#17
trans-1,2-Dichloroethene
Concen: 2.24 ug/L
RT: 6.52 min Scan# 408
Delta R.T. 0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:96 Resp: 237182

Ion	Ratio	Lower	Upper
96	100		
61	228.7	119.6	358.8
98	67.6	33.7	101.0
0	0.0	0.0	0.0

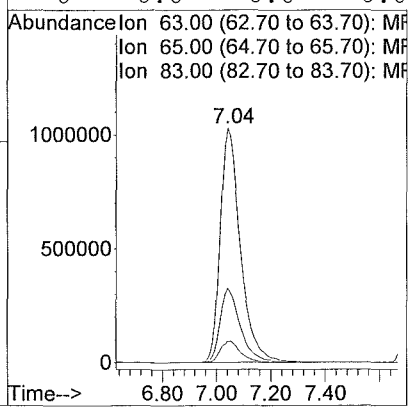


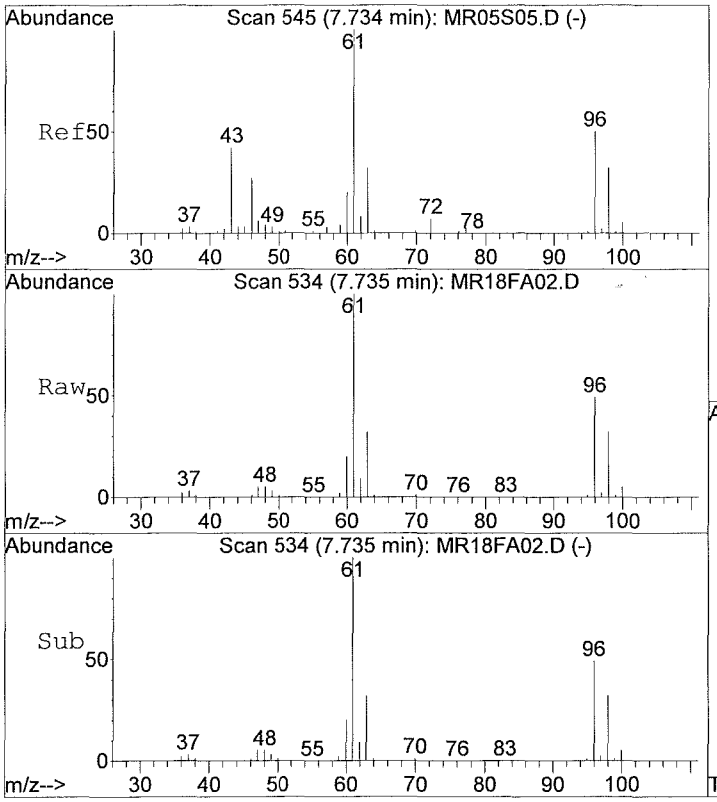


#19
1,1-Dichloroethane
Concen: 15.39 ug/L
RT: 7.04 min Scan# 462
Delta R.T. 0.00 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:63 Resp: 5290188

Ion	Ratio	Lower	Upper
63	100		
65	31.6	16.1	48.2
83	9.1	4.5	13.6
0	0.0	0.0	0.0

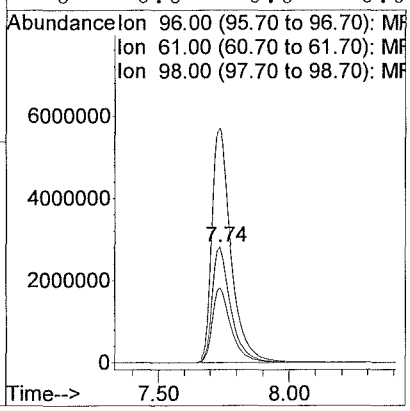


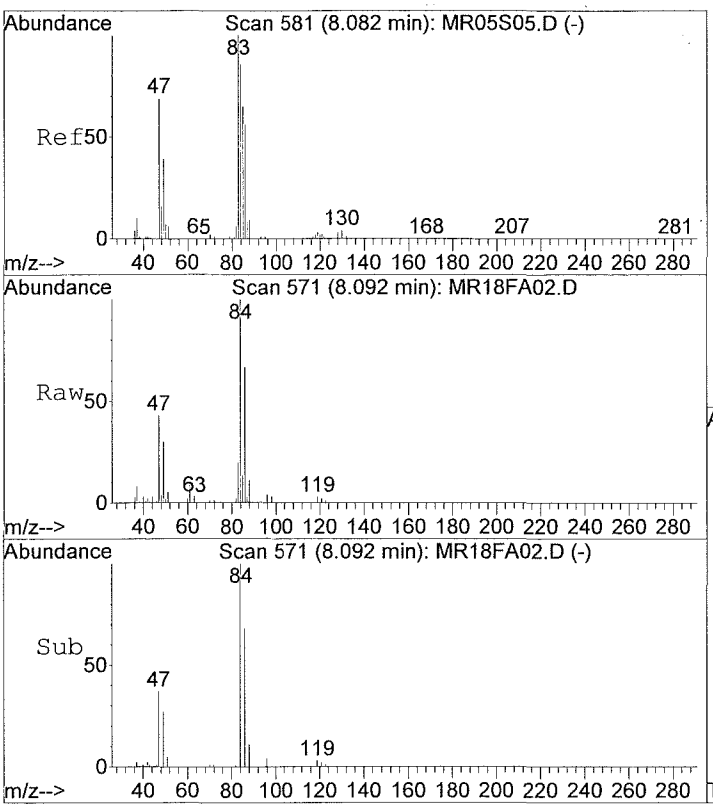


#20
cis-1,2-Dichloroethene
Concen: 102.57 ug/L
RT: 7.74 min Scan# 534
Delta R.T. 0.00 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:96 Resp:13767586

Ion	Ratio	Lower	Upper
96	100		
61	209.4	99.3	297.8
98	65.5	31.7	95.0
0	0.0	0.0	0.0

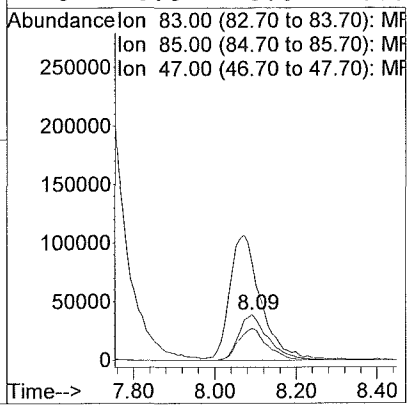


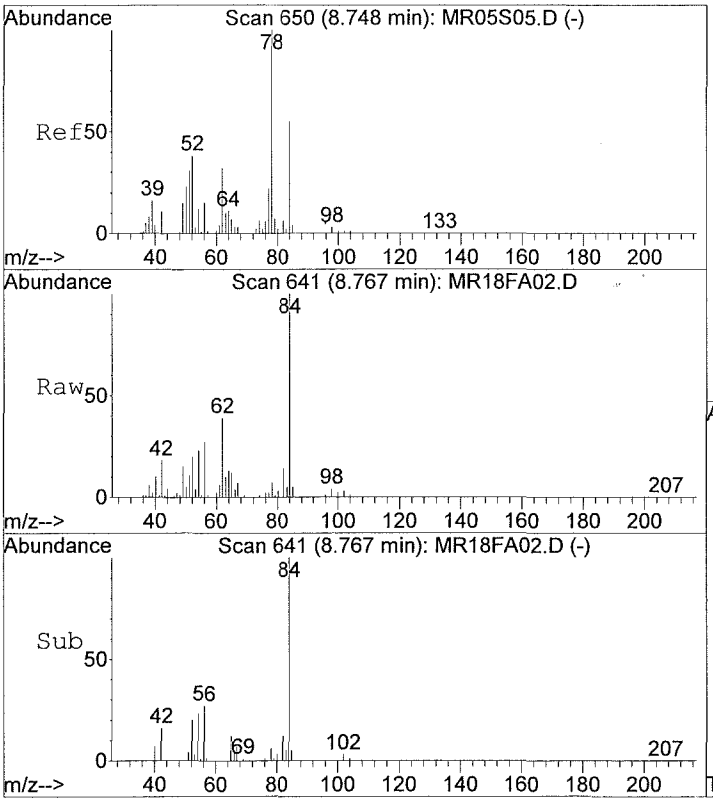


#24
Chloroform
Concen: 0.70 ug/L
RT: 8.09 min Scan# 571
Delta R.T. 0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:83 Resp: 194615

Ion	Ratio	Lower	Upper
83	100		
85	69.2	32.3	96.9
47	286.1	35.2	105.7#
0	0.0	0.0	0.0

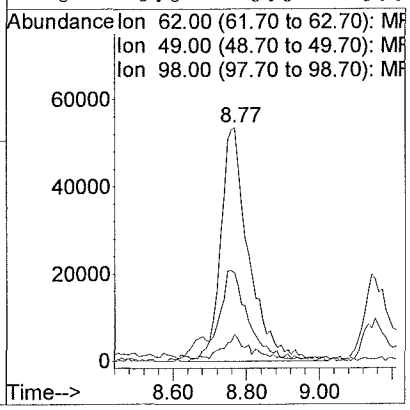


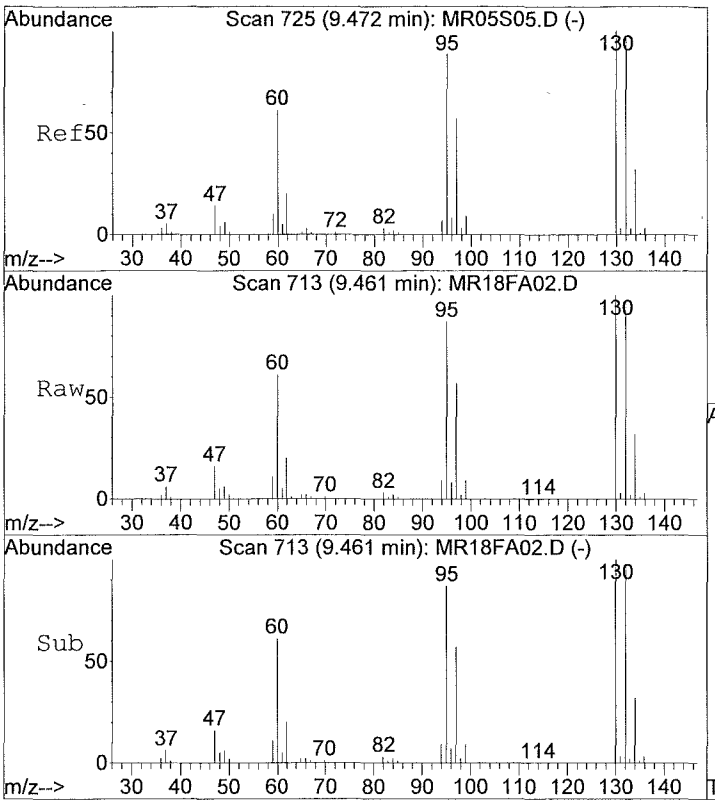


#26
1,2-Dichloroethane
Concen: 1.96 ug/L
RT: 8.77 min Scan# 641
Delta R.T. 0.02 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:62 Resp: 286719

Ion	Ratio	Lower	Upper
62	100		
49	46.1	39.0	58.6
98	9.5	6.2	9.2#
0	0.0	0.0	0.0

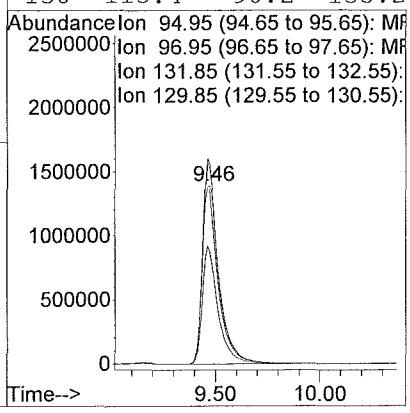


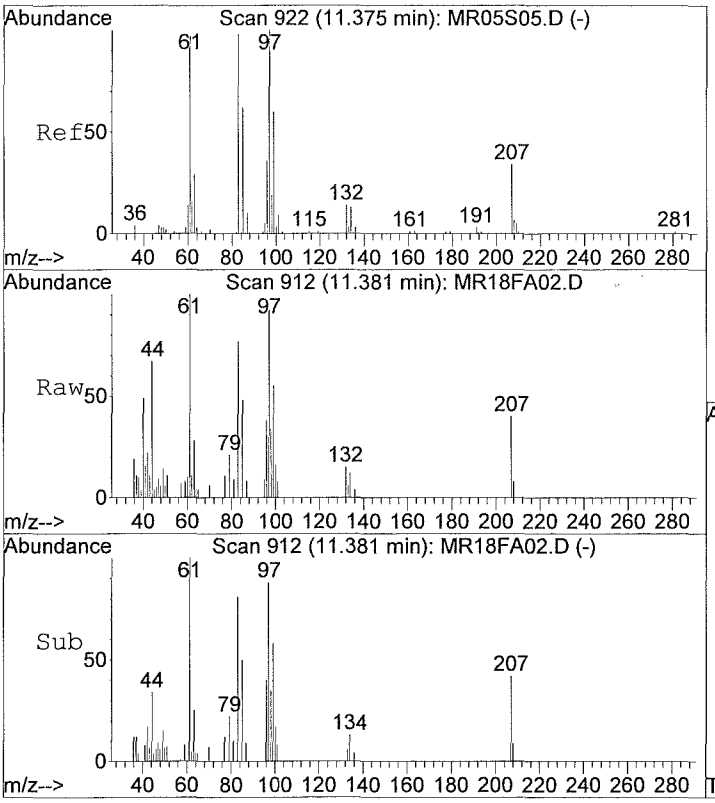


#34
Trichloroethene
Concen: 46.46 ug/L
RT: 9.46 min Scan# 713
Delta R.T. -0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:94.95 Resp: 7210628

Ion	Ratio	Lower	Upper
95	100		
97	65.4	51.2	76.8
132	112.7	87.0	130.6
130	113.4	90.2	135.2

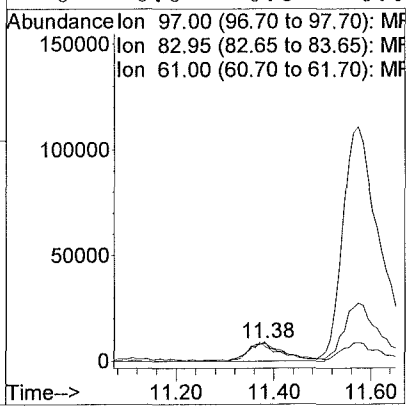


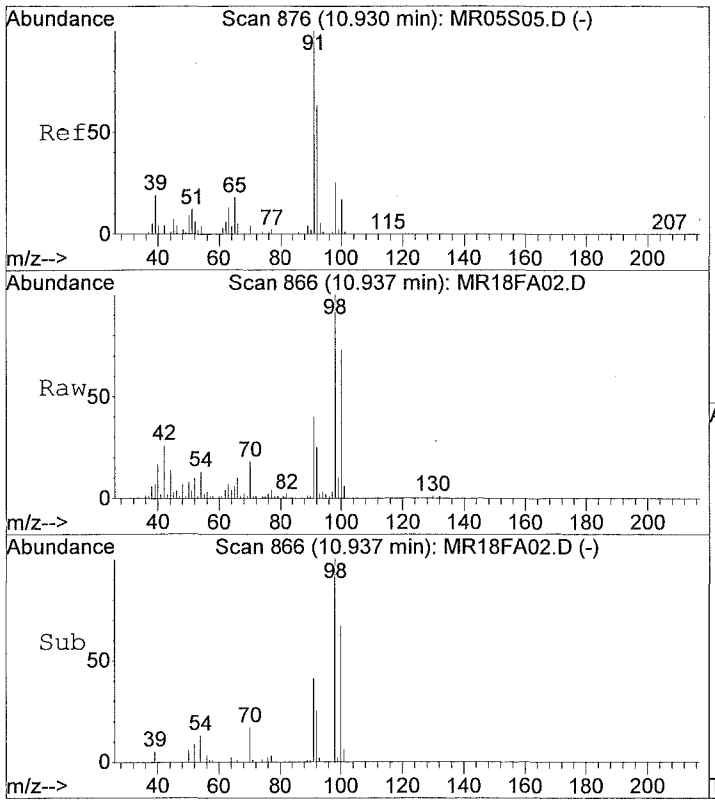


#43
1,1,2-Trichloroethane
Concen: 0.67 ug/L
RT: 11.38 min Scan# 912
Delta R.T. 0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:97 Resp: 44676

Ion	Ratio	Lower	Upper
97	100		
83	85.4	79.6	119.4
61	85.8	78.2	117.4
0	0.0	0.0	0.0

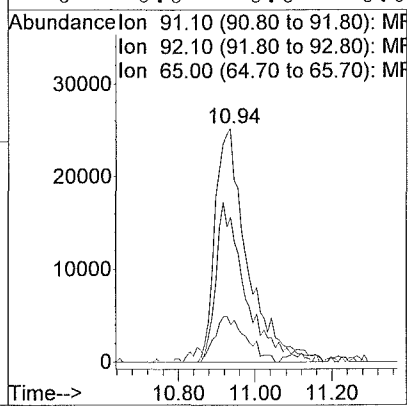


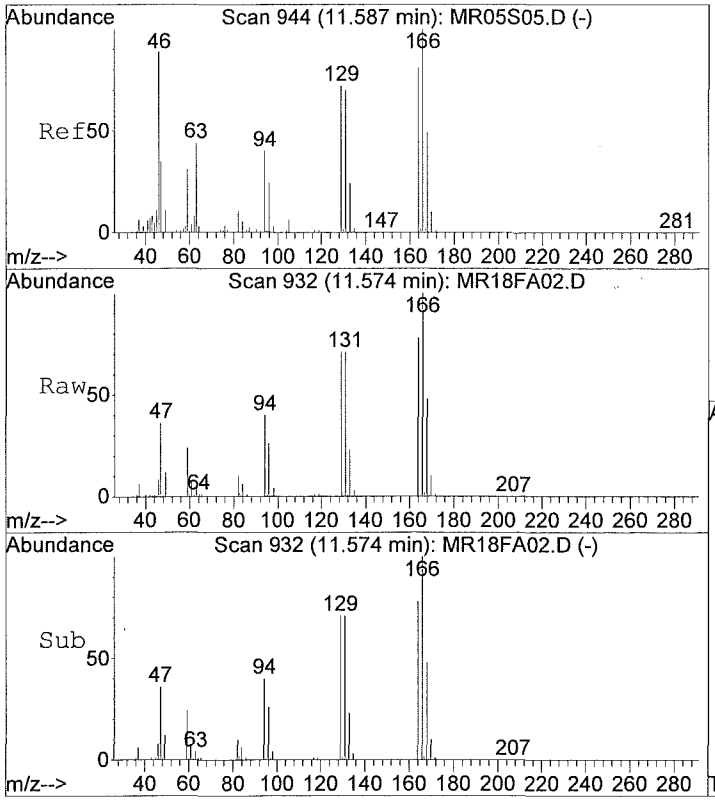


#46
Toluene
Concen: 0.35 ug/L
RT: 10.94 min Scan# 866
Delta R.T. 0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:91.1 Resp: 146491

Ion	Ratio	Lower	Upper
91	100		
92	62.0	50.6	76.0
65	21.5	14.2	21.2#
0	0.0	0.0	0.0

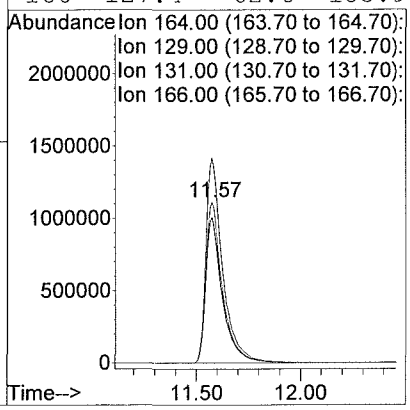


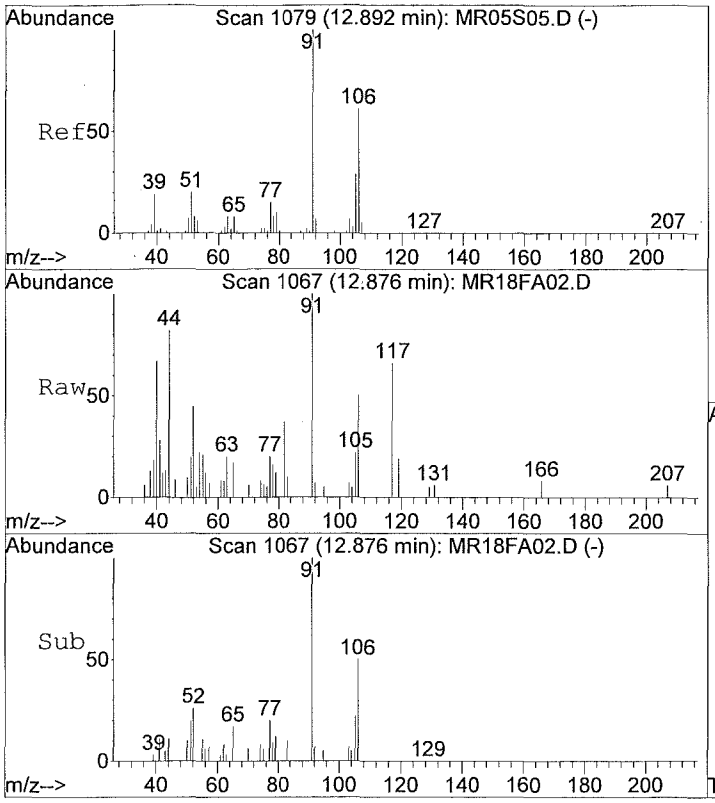


#48
Tetrachloroethene
Concen: 37.46 ug/L
RT: 11.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:164 Resp: 6134724

Ion	Ratio	Lower	Upper
164	100		
129	91.1	44.6	133.8
131	90.4	43.3	129.9
166	127.4	62.0	185.9

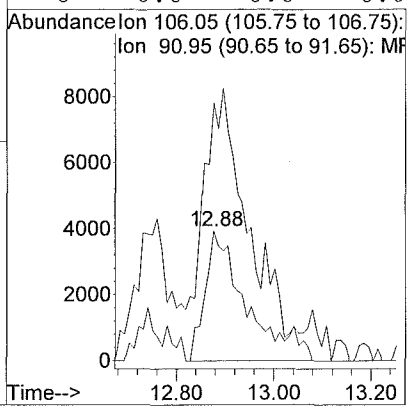




#54
m,p-Xylene
Concen: 0.10 ug/L
RT: 12.88 min Scan# 1067
Delta R.T. -0.02 min
Lab File: MR18FA02.D
Acq: 01/10/2012 23:23

Tgt Ion:106.05 Resp: 22954

Ion	Ratio	Lower	Upper
106	100		
91	194.5	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A02DL

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003DL

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR17FA02

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 10.0

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

Purge Volume: 25.0 (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	92.	D
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	50.	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	2.4	JD
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	16.	D
156-59-2	cis-1,2-Dichloroethene	100	D
78-93-3	2-Butanone	50.	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

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A02DL

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003DL

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR17FA02

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 10.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	46.	D
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	50.	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	36.	D
591-78-6	2-Hexanone	50.	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

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A02DL

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528003DL

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR17FA02

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 10.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

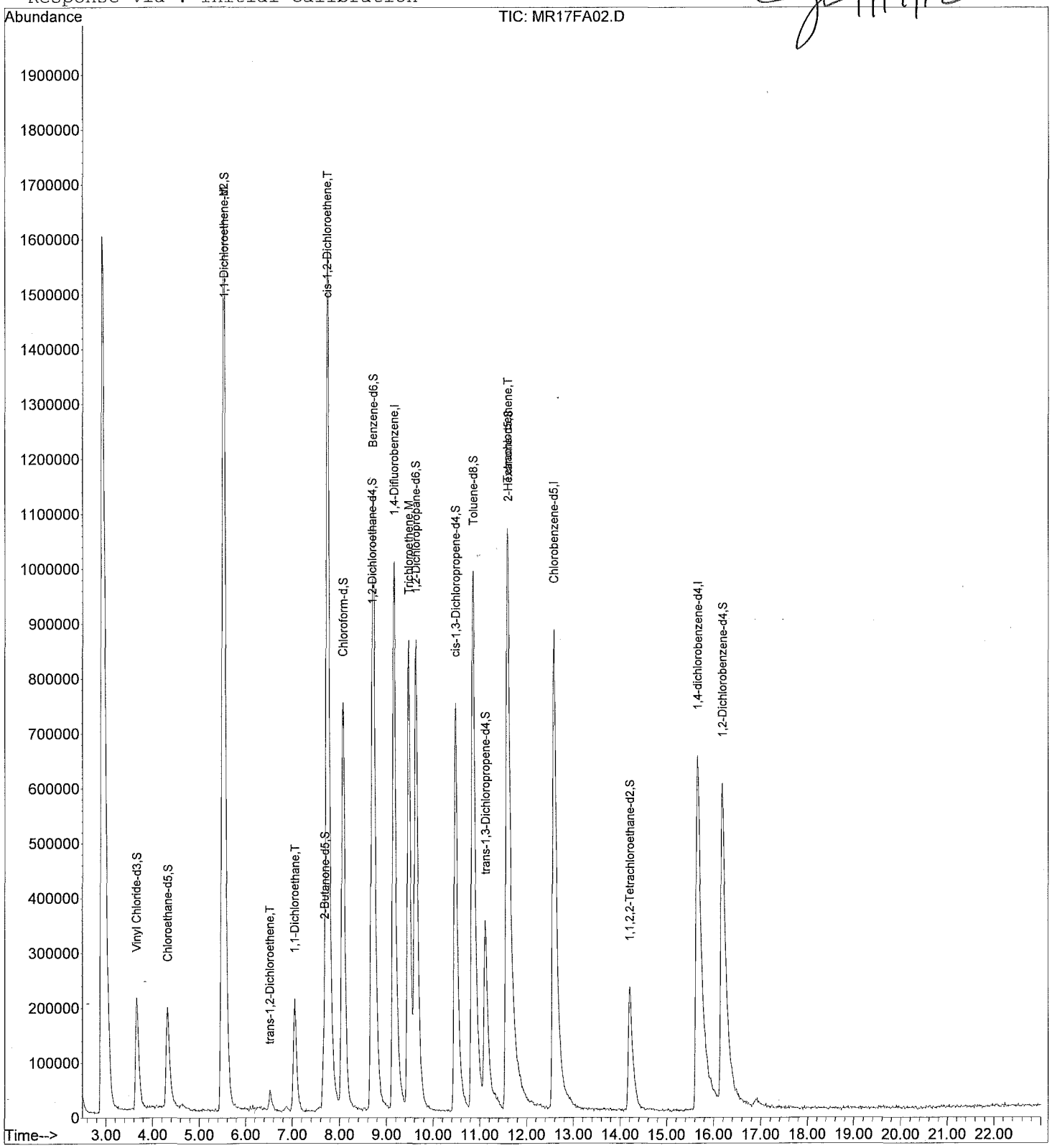
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR17FA02.D
Acq Time : 01/10/2012 22:52 Operator: JAG
Sample : 1200528003DL F5A02DL (10) Inst : 5971-M
Misc : TRACE 1:10 DIL 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:49 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00055

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR17FA02.D
Acq Time : 01/10/2012 22:52 Operator: JAG
Sample : 1200528003DL F5A02DL (10) Inst : 5971-M
Misc : TRACE 1:10 DIL 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:49 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2026245	5.0000 ug/L	78.87
28) Chlorobenzene-d5	12.57	117	1644678	5.0000 ug/L	77.28
60) 1,4-dichlorobenzene-d4	15.65	152	883880	5.0000 ug/L	73.81
System Monitoring Compounds					**%Recovery**
5) Vinyl Chloride-d3	3.65	65	618982	6.5336 ug/L	130.67%
8) Chloroethane-d5	4.31	69	547126	5.6273 ug/L	112.55%
11) 1,1-Dichloroethene-d2	5.51	63	2192471	6.1614 ug/L	123.23%#
22) 2-Butanone-d5	7.67	46	792790	45.2466 ug/L	90.49%
25) Chloroform-d	8.07	84	1380529	4.9956 ug/L	99.91%
27) 1,2-Dichloroethane-d4	8.67	65	569579	4.6764 ug/L	93.53%
33) Benzene-d6	8.70	84	2005174	5.0798 ug/L	101.60%
37) 1,2-Dichloropropane-d6	9.62	67	1027848	4.6403 ug/L	92.81%
40) cis-1,3-Dichloropropene-d4	10.47	79	1208626	4.7308 ug/L	94.62%
42) trans-1,3-Dichloropropene-	11.12	79	557388	4.6173 ug/L	92.35%
47) Toluene-d8	10.84	98	1837923	5.1072 ug/L	102.14%
50) 2-Hexanone-d5	11.60	63	552951	40.5236 ug/L	81.05%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	410610	5.0131 ug/L	100.26%
65) 1,2-Dichlorobenzene-d4	16.18	152	790180	5.4411 ug/L	108.82%
Target Compounds					**Qvalue**
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.52	96	867563	9.1954 ug/L	95
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	6.52	96	24720	0.2425 ug/L	95
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.05	63	530689	1.6036 ug/L	99
20) cis-1,2-Dichloroethene	7.73	96	1341197	10.3778 ug/L	94
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.46	95	689648	4.5574 ug/L	97
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

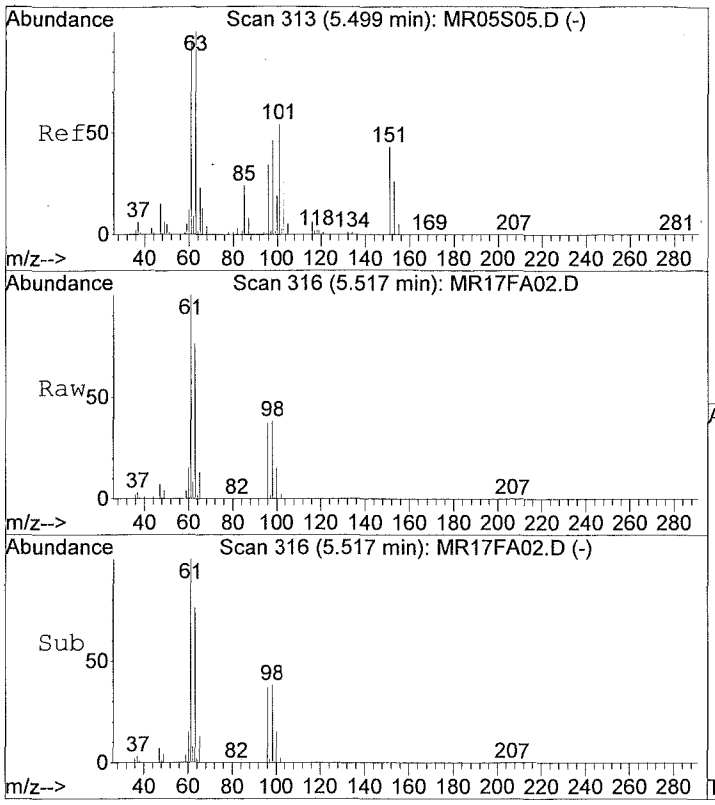
Data File : J:\M\2012\JAN12M\10JAN12M\MR17FA02.D
Acq Time : 01/10/2012 22:52 Operator: JAG
Sample : 1200528003DL F5A02DL (10) Inst : 5971-M
Misc : TRACE 1:10 DIL 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:49 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	11.58	164	582039	3.6453 ug/L	96
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

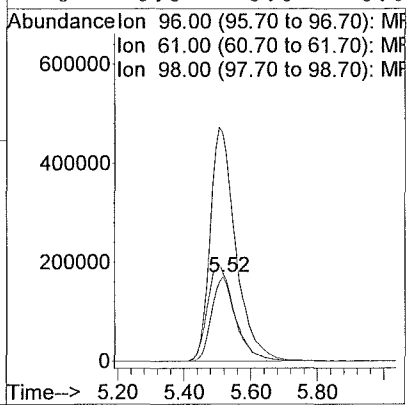
(#) = qualifier out of range (m) = manual integration

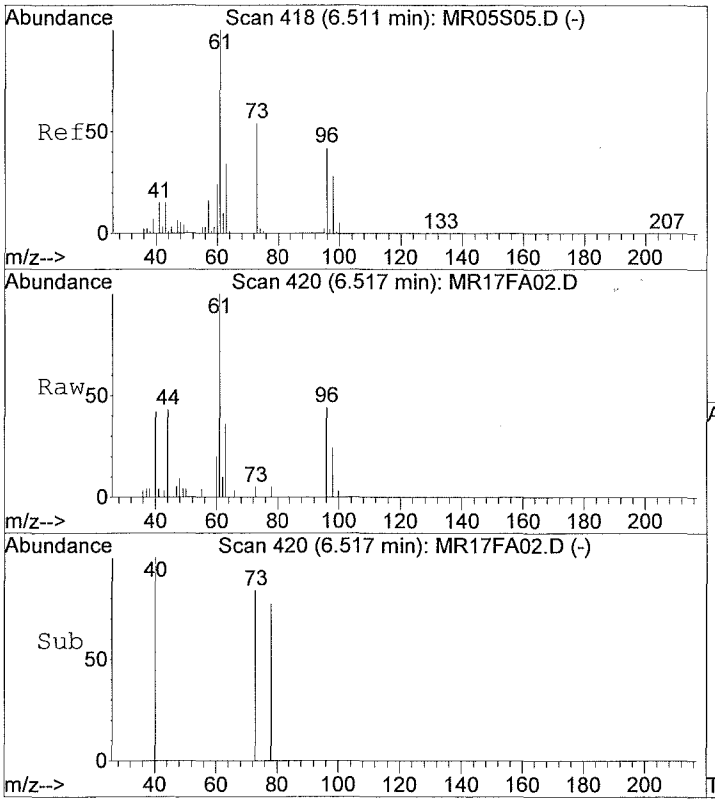


#10
1,1-Dichloroethene
Concen: 9.20 ug/L
RT: 5.52 min Scan# 316
Delta R.T. 0.02 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:96 Resp: 867563

Ion	Ratio	Lower	Upper
96	100		
61	286.1	139.6	418.8
98	125.4	68.1	204.3
0	0.0	0.0	0.0

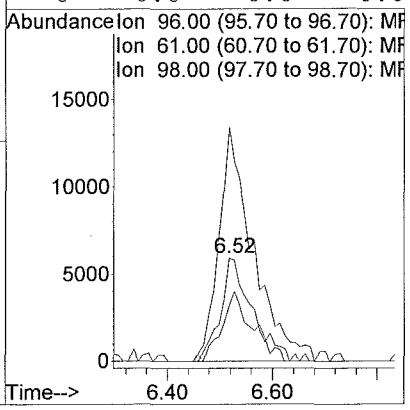


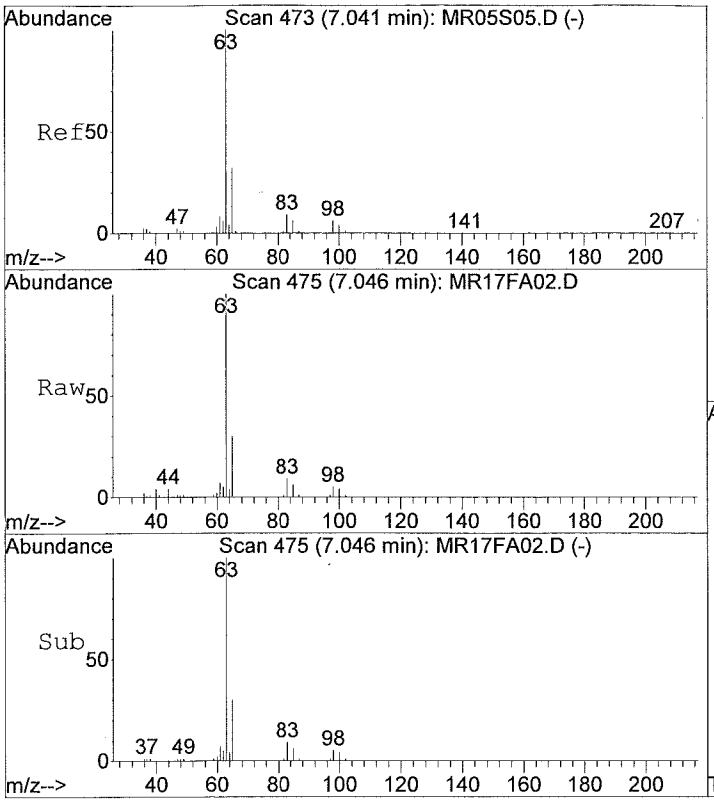


#17
trans-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 6.52 min Scan# 420
Delta R.T. 0.01 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:96 Resp: 24720

Ion	Ratio	Lower	Upper
96	100		
61	248.9	119.6	358.8
98	66.3	33.7	101.0
0	0.0	0.0	0.0

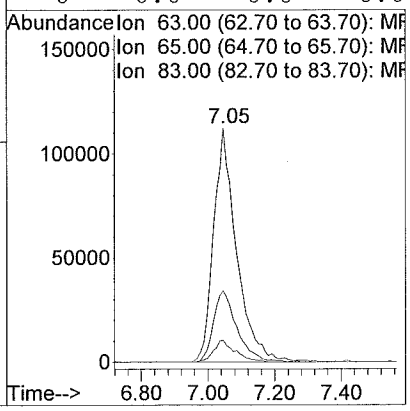


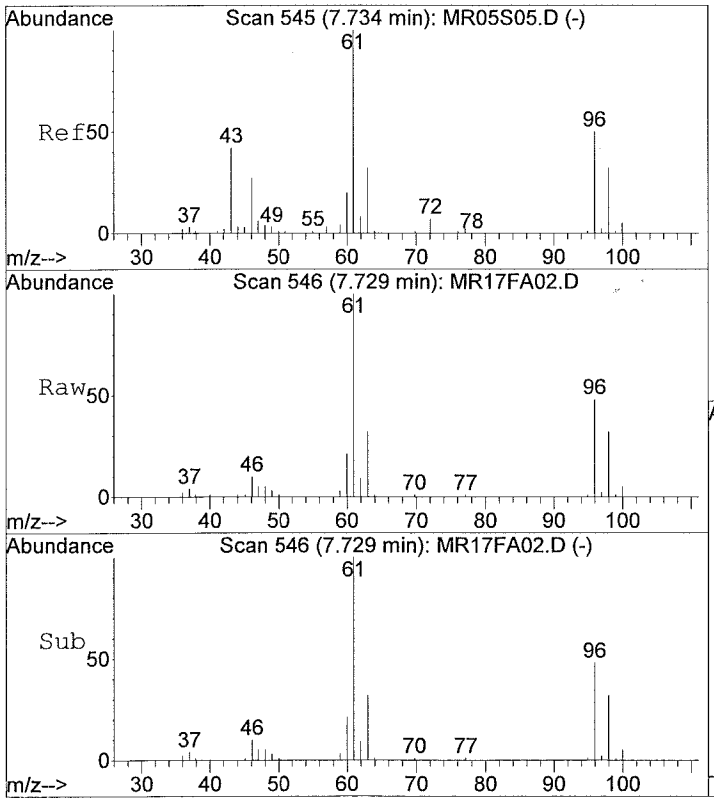


#19
1,1-Dichloroethane
Concen: 1.60 ug/L
RT: 7.05 min Scan# 475
Delta R.T. 0.00 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:63 Resp: 530689

Ion	Ratio	Lower	Upper
63	100		
65	31.2	16.1	48.2
83	8.8	4.5	13.6
0	0.0	0.0	0.0

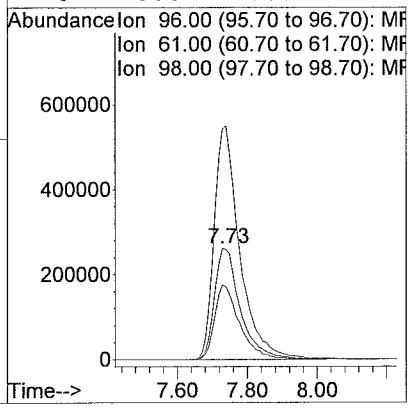


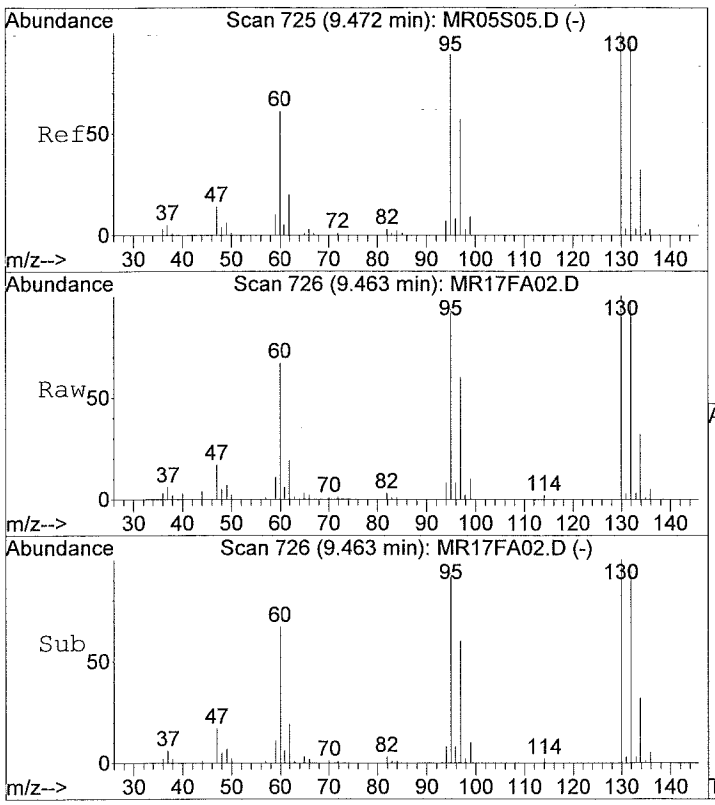


#20
cis-1,2-Dichloroethene
Concen: 10.38 ug/L
RT: 7.73 min Scan# 546
Delta R.T. -0.01 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:96 Resp: 1341197

Ion	Ratio	Lower	Upper
96	100		
61	208.0	99.3	297.8
98	66.1	31.7	95.0
0	0.0	0.0	0.0

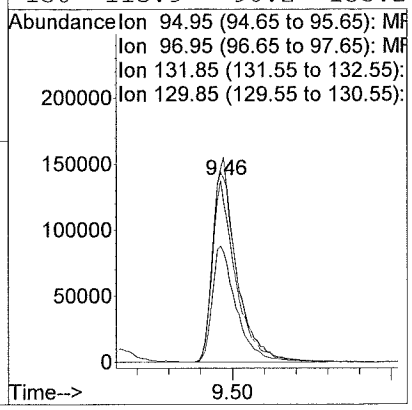


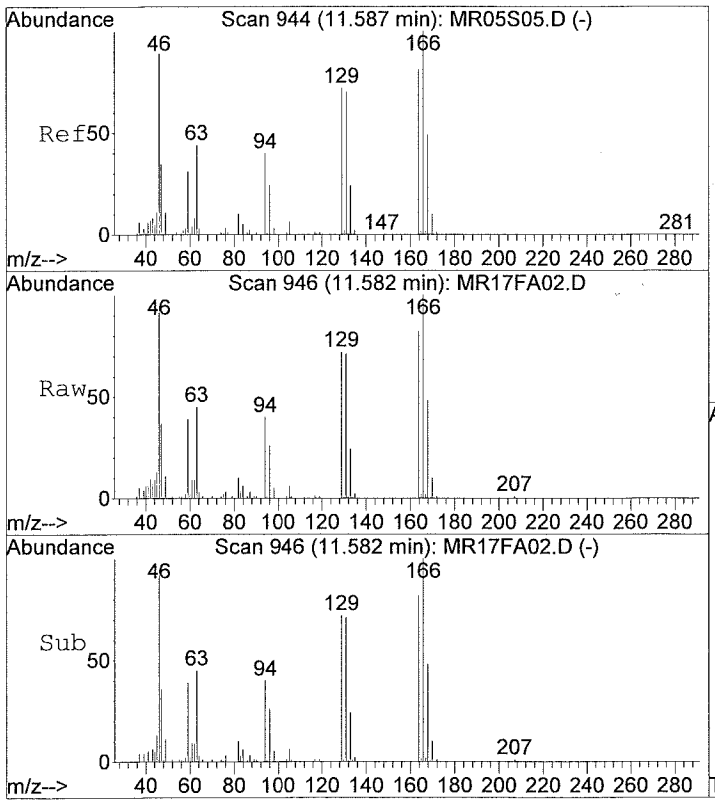


#34
Trichloroethene
Concen: 4.56 ug/L
RT: 9.46 min Scan# 726
Delta R.T. -0.01 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:94.95 Resp: 689648

Ion	Ratio	Lower	Upper
95	100		
97	66.5	51.2	76.8
132	113.3	87.0	130.6
130	113.9	90.2	135.2

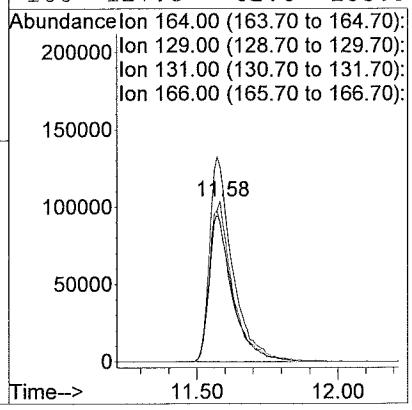




#48
Tetrachloroethene
Concen: 3.65 ug/L
RT: 11.58 min Scan# 946
Delta R.T. -0.01 min
Lab File: MR17FA02.D
Acq: 01/10/2012 22:52

Tgt Ion:164 Resp: 582039

Ion	Ratio	Lower	Upper
164	100		
129	92.9	44.6	133.8
131	90.8	43.3	129.9
166	127.5	62.0	185.9



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A03

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR08FA03

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.15	J
156-59-2	cis-1,2-Dichloroethene	0.49	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A03

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR08FA03

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.30	J
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.66	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.23	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.20	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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

EPA SAMPLE NO.

F5A03

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR08FA03

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown Ethane, 1-chloro-2-iodo-	12.44	0.76	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

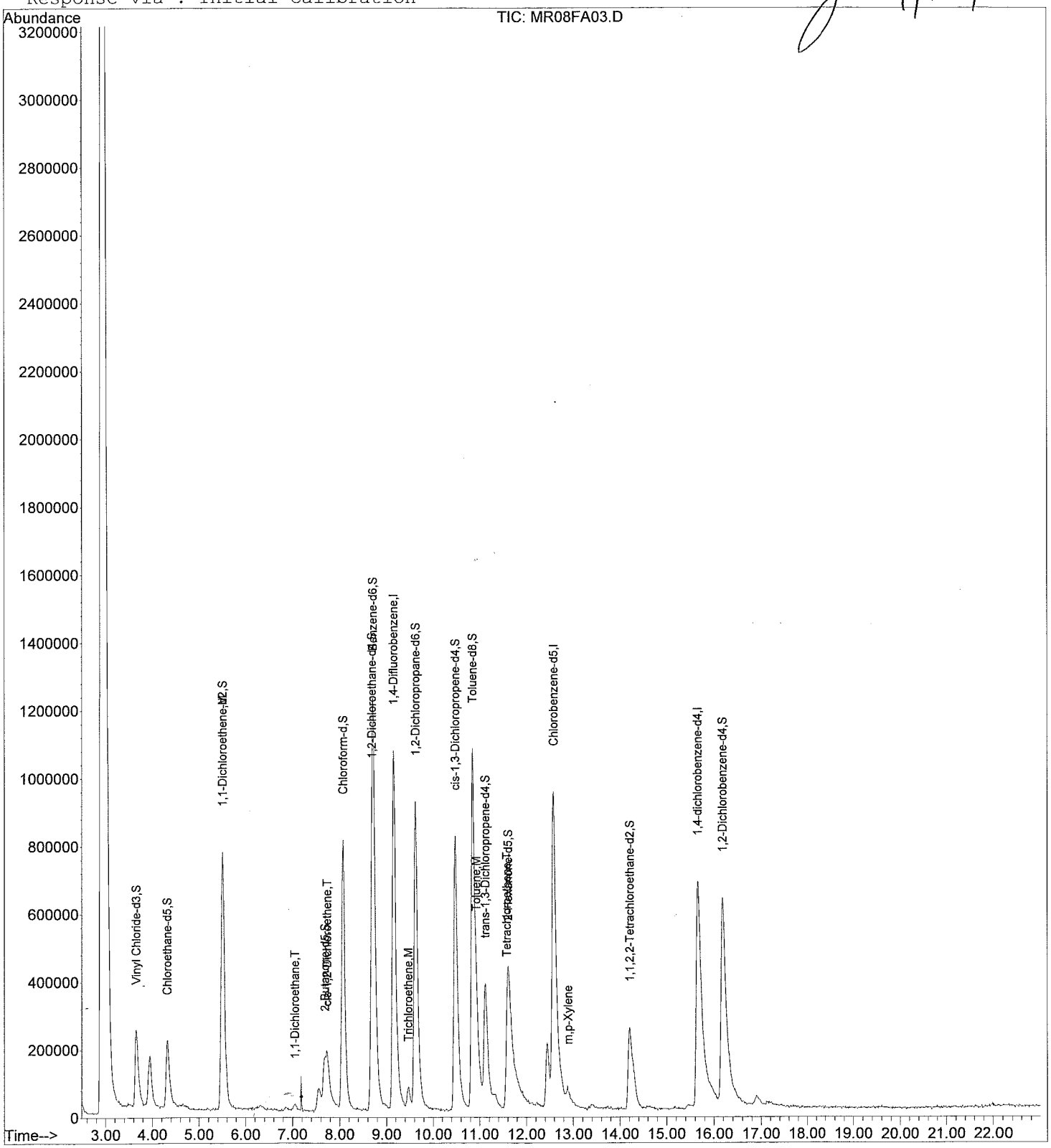
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR08FA03.D
Acq Time : 01/10/2012 18:08 Operator: JAG
Sample : 1200528004 F5A03 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:27 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00064

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR08FA03.D
Acq Time : 01/10/2012 18:08 Operator: JAG
Sample : 1200528004 F5A03 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:27 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2149144	5.0000 ug/L	83.66
28) Chlorobenzene-d5	12.58	117	1743652	5.0000 ug/L	81.93
60) 1,4-dichlorobenzene-d4	15.66	152	946559	5.0000 ug/L	79.04
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	711200	7.0777 ug/L	141.55%#
8) Chloroethane-d5	4.32	69	616909	5.9821 ug/L	119.64%
11) 1,1-Dichloroethene-d2	5.50	63	1630602	4.3204 ug/L	86.41%
22) 2-Butanone-d5	7.67	46	832614	44.8021 ug/L	89.60%
25) Chloroform-d	8.07	84	1469263	5.0127 ug/L	100.25%
27) 1,2-Dichloroethane-d4	8.68	65	584790	4.5268 ug/L	90.54%
33) Benzene-d6	8.70	84	2198403	5.2532 ug/L	105.06%
37) 1,2-Dichloropropane-d6	9.62	67	1159315	4.9368 ug/L	98.74%
40) cis-1,3-Dichloropropene-d4	10.48	79	1347387	4.9746 ug/L	99.49%
42) trans-1,3-Dichloropropene-	11.11	79	584291	4.5654 ug/L	91.31%
47) Toluene-d8	10.84	98	1954005	5.1215 ug/L	102.43%
50) 2-Hexanone-d5	11.60	63	602954	41.6799 ug/L	83.36%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	454109	5.2294 ug/L	104.59%
65) 1,2-Dichlorobenzene-d4	16.19	152	776143	4.9905 ug/L	99.81%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.51	96	58384	0.5834 ug/L #	1
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.04	63	51261	0.1460 ug/L	98
20) cis-1,2-Dichloroethene	7.74	96	66618	0.4860 ug/L	88
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.47	95	47372	0.2953 ug/L	97
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

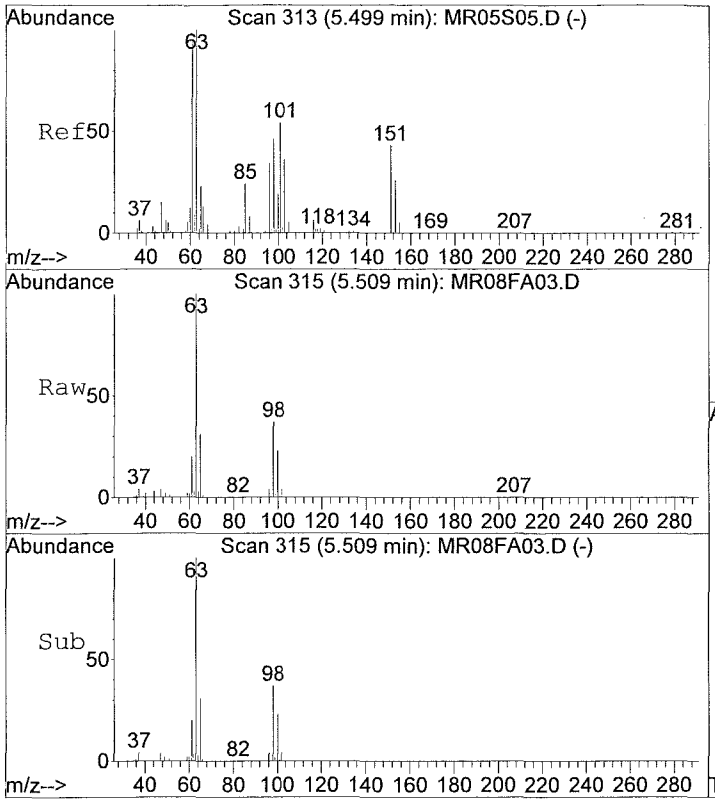
Data File : J:\M\2012\JAN12M\10JAN12M\MR08FA03.D
Acq Time : 01/10/2012 18:08 Operator: JAG
Sample : 1200528004 F5A03 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:27 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.93	91	288618	0.6616 ug/L	99
48)	Tetrachloroethene	11.57	164	38434	0.2270 ug/L	89
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	12.90	106	44575	0.1965 ug/L	95
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

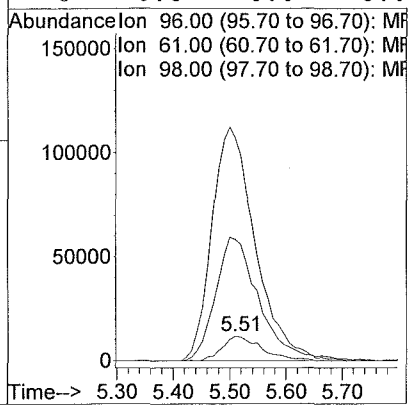
(#) = qualifier out of range (m) = manual integration

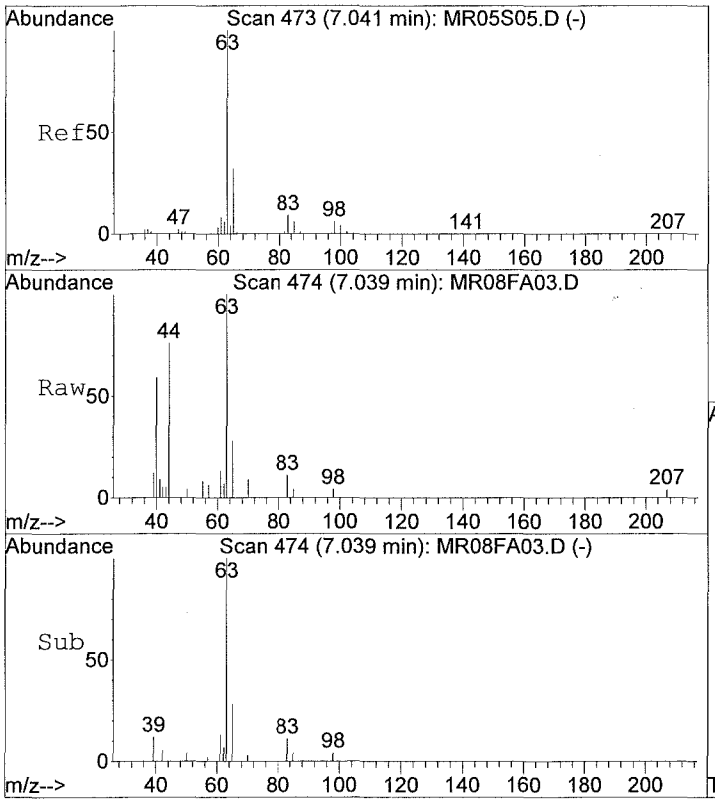


#10
1,1-Dichloroethene
Concen: 0.58 ug/L
RT: 5.51 min Scan# 315
Delta R.T. 0.01 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:96 Resp: 58384

Ion	Ratio	Lower	Upper
96	100		
61	541.7	139.6	418.8#
98	1029.2	68.1	204.3#
0	0.0	0.0	0.0

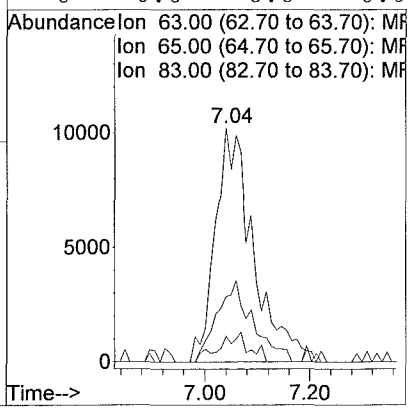


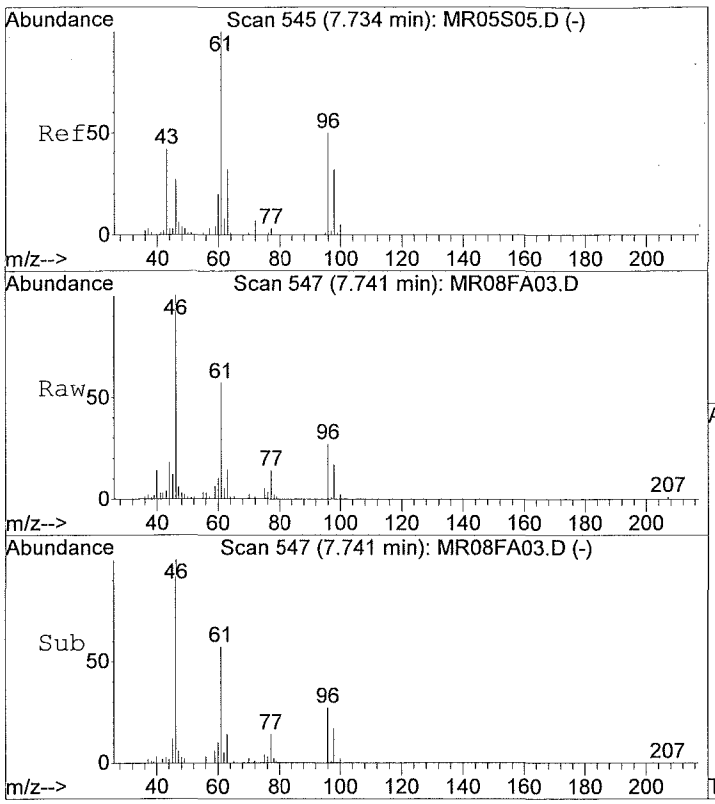


#19
1,1-Dichloroethane
Concen: 0.15 ug/L
RT: 7.04 min Scan# 474
Delta R.T. -0.00 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:63 Resp: 51261

Ion	Ratio	Lower	Upper
63	100		
65	33.5	16.1	48.2
83	9.7	4.5	13.6
0	0.0	0.0	0.0

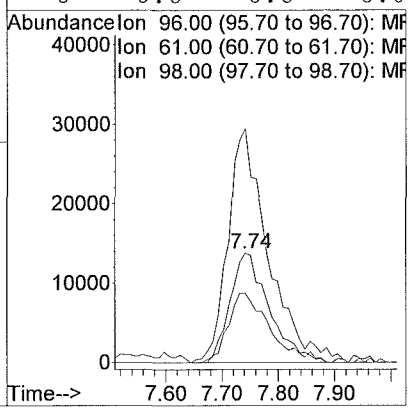


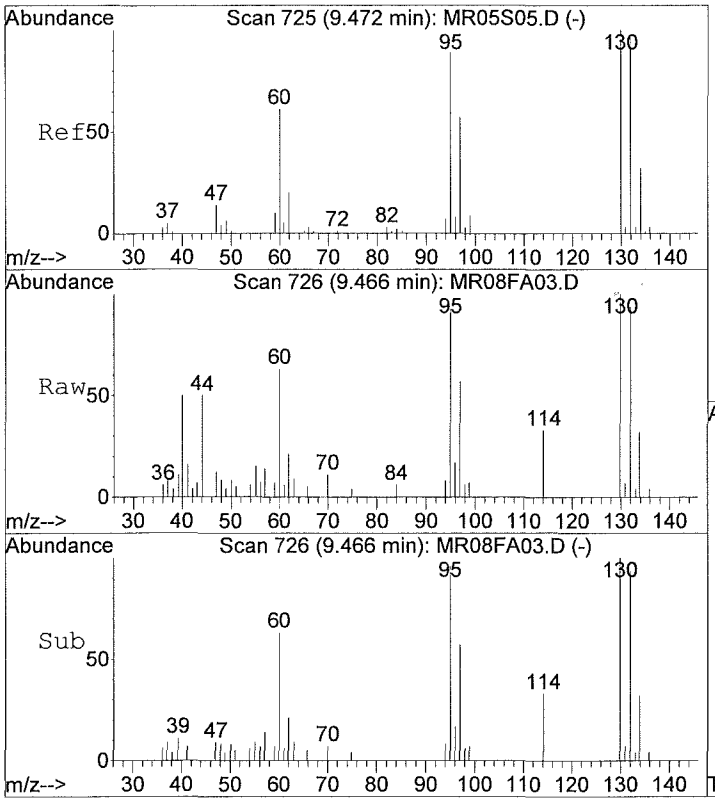


#20
cis-1,2-Dichloroethene
Concen: 0.49 ug/L
RT: 7.74 min Scan# 547
Delta R.T. 0.01 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:96 Resp: 66618

Ion	Ratio	Lower	Upper
96	100		
61	219.3	99.3	297.8
98	66.7	31.7	95.0
0	0.0	0.0	0.0

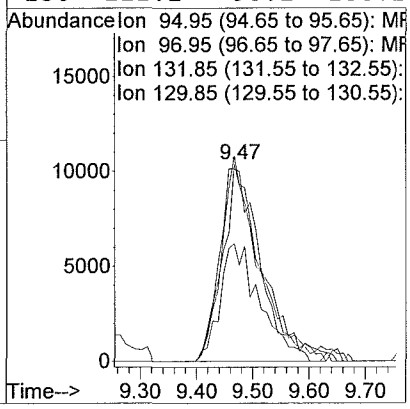


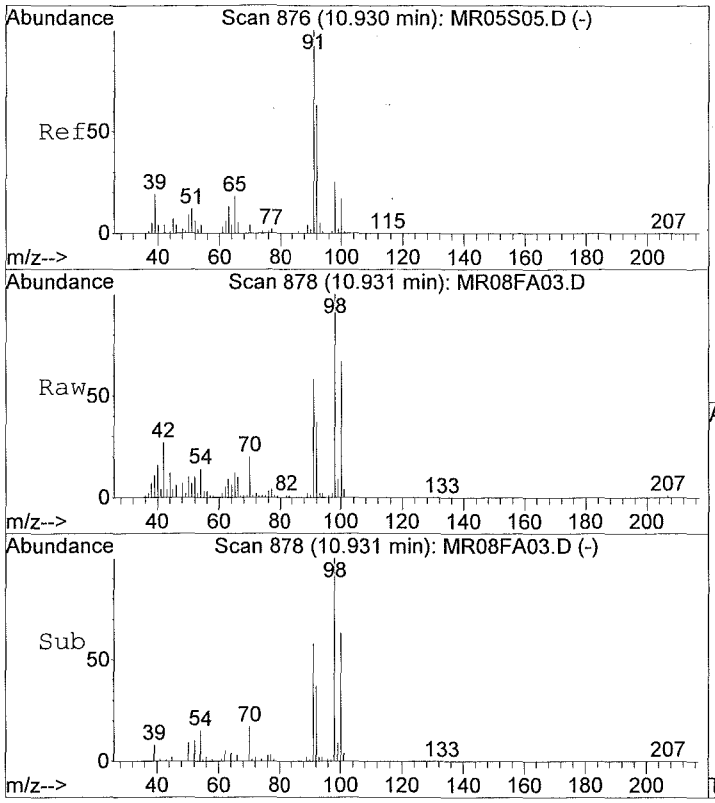


#34
Trichloroethene
Concen: 0.30 ug/L
RT: 9.47 min Scan# 726
Delta R.T. -0.01 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:94.95 Resp: 47372

Ion	Ratio	Lower	Upper
95	100		
97	65.7	51.2	76.8
132	114.9	87.0	130.6
130	111.2	90.2	135.2

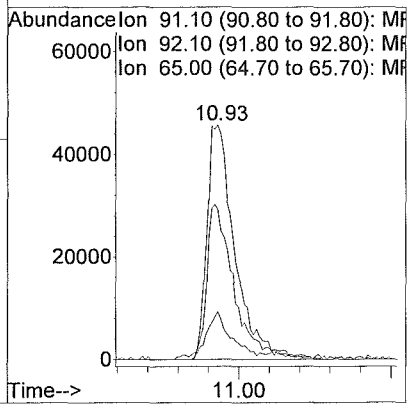


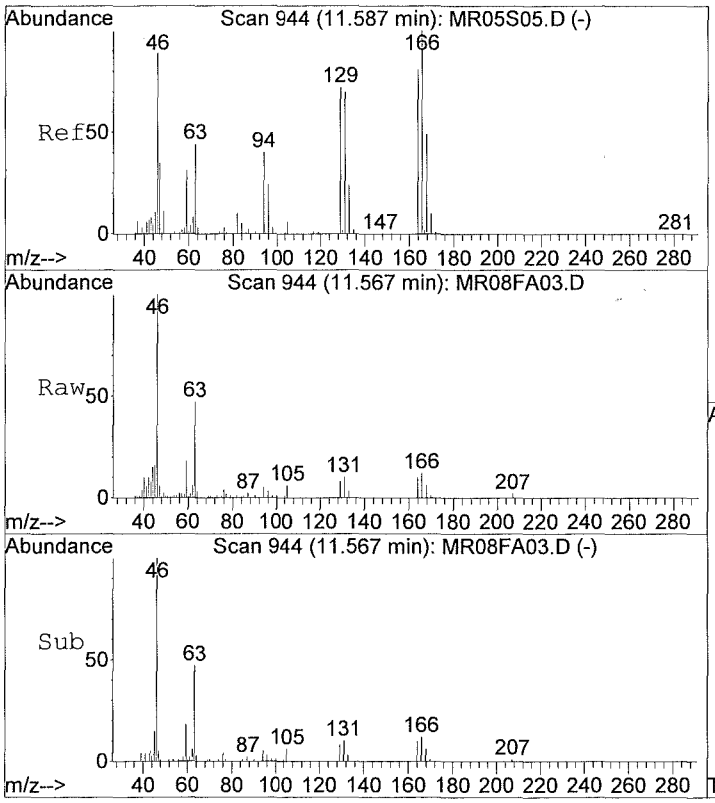


#46
Toluene
Concen: 0.66 ug/L
RT: 10.93 min Scan# 878
Delta R.T. 0.00 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:91.1 Resp: 288618

Ion	Ratio	Lower	Upper
91	100		
92	62.9	50.6	76.0
65	18.6	14.2	21.2
0	0.0	0.0	0.0

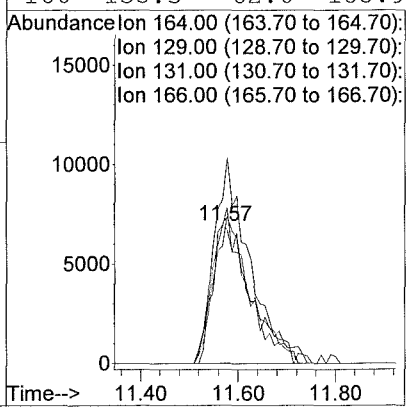


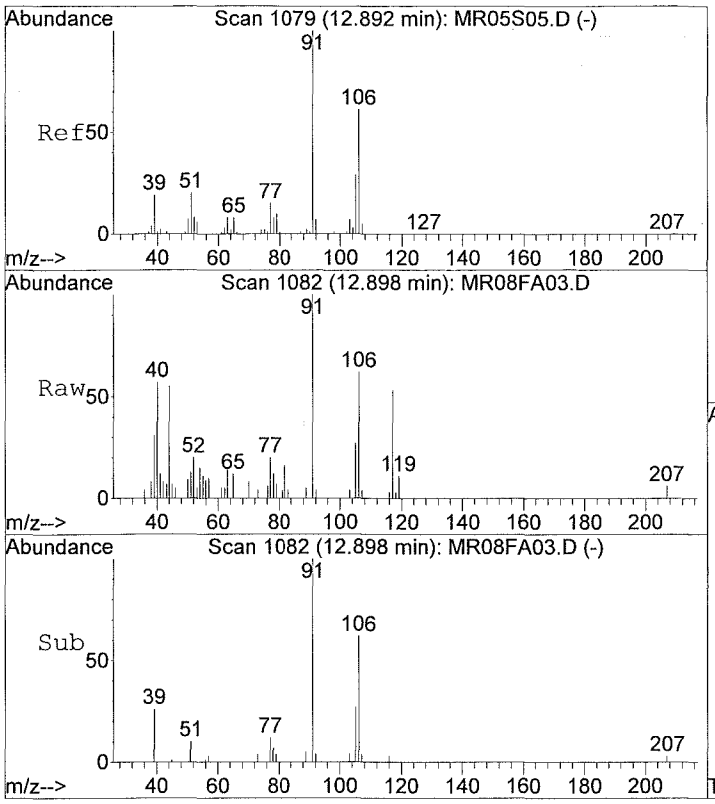


#48
Tetrachloroethene
Concen: 0.23 ug/L
RT: 11.57 min Scan# 944
Delta R.T. -0.02 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:164 Resp: 38434

Ion	Ratio	Lower	Upper
164	100		
129	97.7	44.6	133.8
131	100.2	43.3	129.9
166	135.3	62.0	185.9

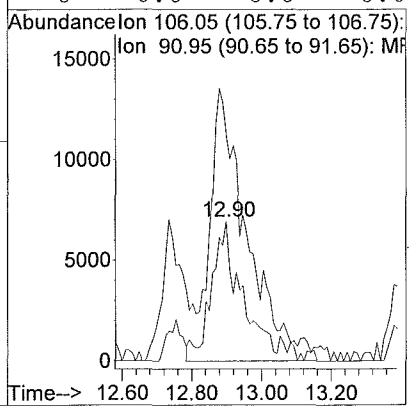




#54
m,p-Xylene
Concen: 0.20 ug/L
RT: 12.90 min Scan# 1082
Delta R.T. 0.01 min
Lab File: MR08FA03.D
Acq: 01/10/2012 18:08

Tgt Ion:106.05 Resp: 44575

Ion	Ratio	Lower	Upper
106	100		
91	222.4	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Library Search Compound Report

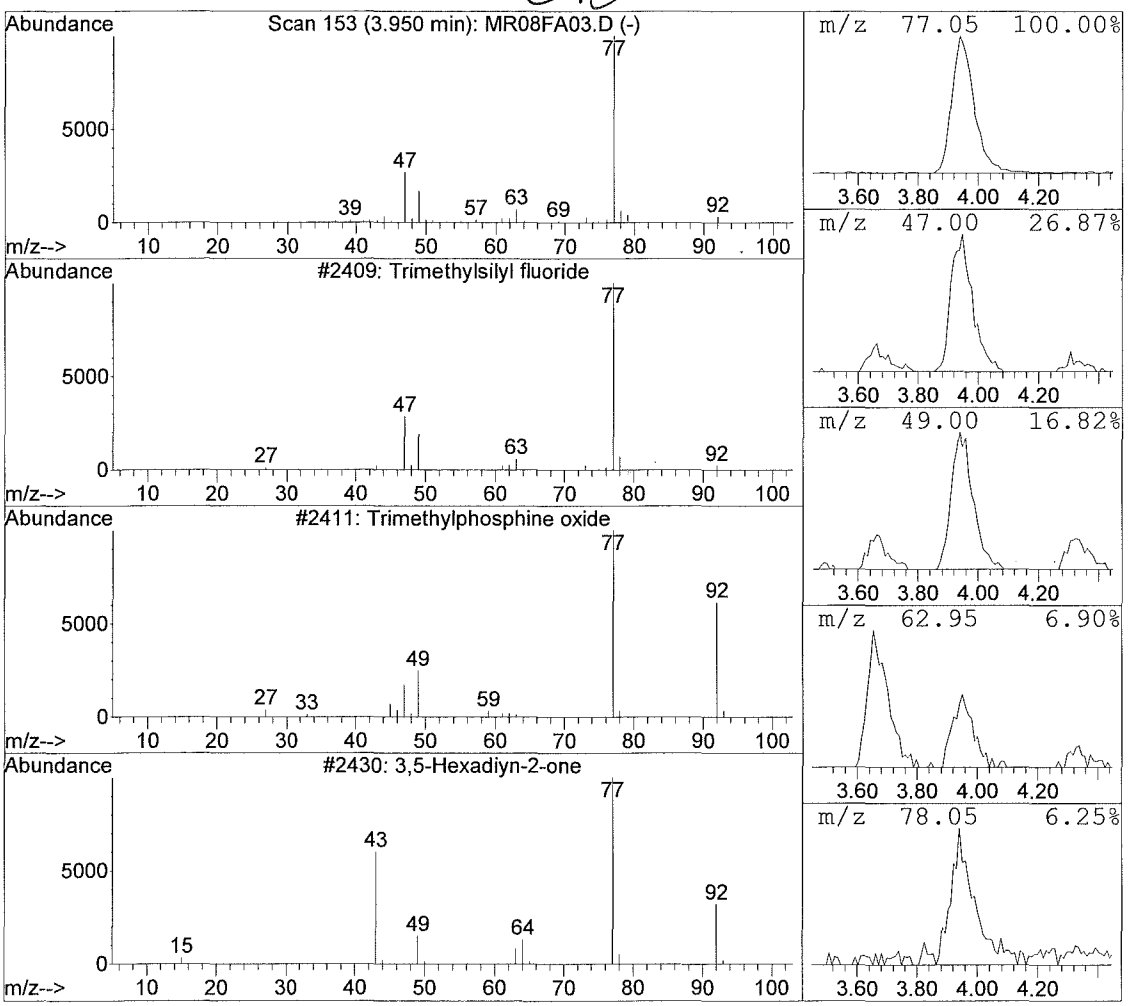
Data File : J:\M\2012\JAN12M\10JAN12M\MR08FA03.D
Acq Time : 01/10/2012 18:08 Operator: JAG
Sample : 1200528004 F5A03 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.95	0.77 ug/L	891646	1,4-Difluorobenzene	5810987

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Trimethylsilyl fluoride	2409	000420-56-4	91.00
2	Trimethylphosphine oxide	2411	000676-96-0	64.00
3	3,5-Hexadiyn-2-one	2430	031097-80-0	38.00
4	4,6-Heptadiyn-3-one	5024	029743-27-9	9.00
5	Silanediol, dimethyl-	2383	001066-42-8	4.00

CB



Library Search Compound Report

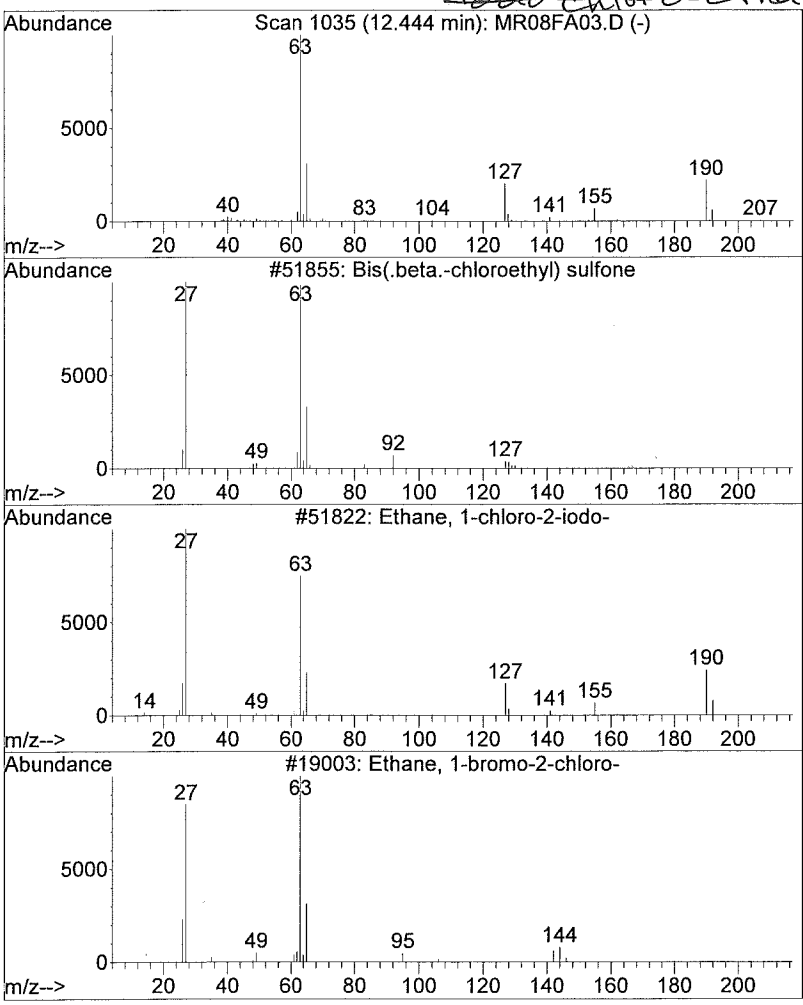
Data File : J:\M\2012\JAN12M\10JAN12M\MR08FA03.D
Acq Time : 01/10/2012 18:08 Operator: JAG
Sample : 1200528004 F5A03 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
12.44	0.76 ug/L	874256	Chlorobenzene-d5	5716156

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Bis(.beta.-chloroethyl) sulfone	51855	000471-03-4	56.00
2	Ethane, 1-chloro-2-iodo-	51822	000624-70-4	46.00
3	Ethane, 1-bromo-2-chloro-	19003	000107-04-0	40.00
4	2-Chloropropionyl chloride	10832	007623-09-8	9.00
5	Carbonic acid, propyl tetradecyl es	136879	1000314-54-1	9.00

Iodo chloro ethane 1/19/12



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A04

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR13FA04

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A04

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR13FA04

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A04

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR13FA04

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

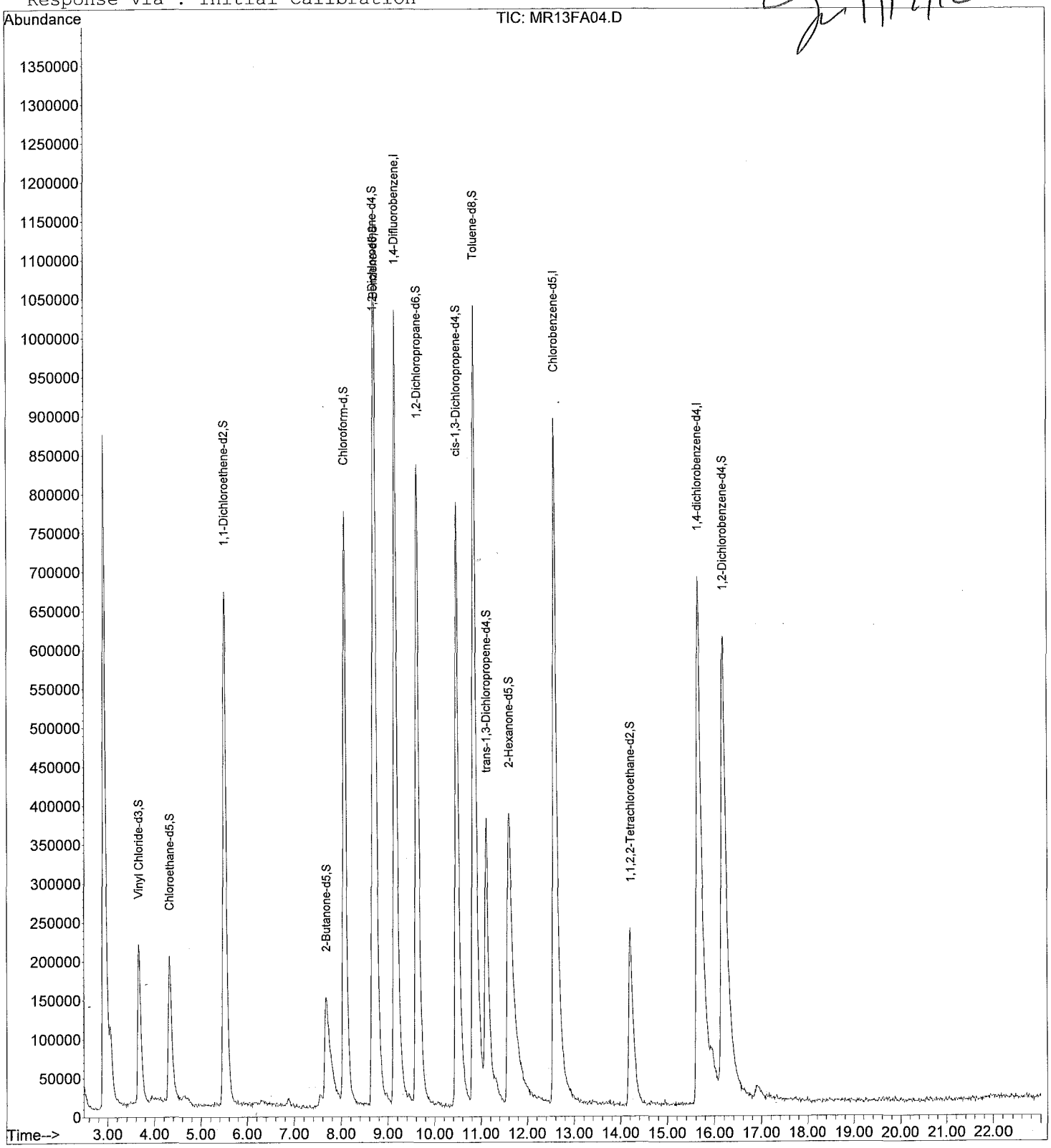
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR13FA04.D
Acq Time : 01/10/2012 20:46 Operator: JAG
Sample : 1200528005 F5A04 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00076

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR13FA04.D
Acq Time : 01/10/2012 20:46 Operator: JAG
Sample : 1200528005 F5A04 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2055225	5.0000 ug/L	80.00
28) Chlorobenzene-d5	12.58	117	1680930	5.0000 ug/L	78.98
60) 1,4-dichlorobenzene-d4	15.65	152	944924	5.0000 ug/L	78.90
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.66	65	642096	6.6820 ug/L	133.64%#
8) Chloroethane-d5	4.32	69	558164	5.6598 ug/L	113.20%
11) 1,1-Dichloroethene-d2	5.50	63	1496768	4.1470 ug/L	82.94%
22) 2-Butanone-d5	7.67	46	768512	43.2425 ug/L	86.49%
25) Chloroform-d	8.07	84	1386819	4.9476 ug/L	98.95%
27) 1,2-Dichloroethane-d4	8.68	65	567101	4.5904 ug/L	91.81%
33) Benzene-d6	8.71	84	2062361	5.1120 ug/L	102.24%
37) 1,2-Dichloropropane-d6	9.63	67	1059359	4.6794 ug/L	93.59%
40) cis-1,3-Dichloropropene-d4	10.47	79	1274797	4.8822 ug/L	97.64%
42) trans-1,3-Dichloropropene-	11.12	79	574088	4.6531 ug/L	93.06%
47) Toluene-d8	10.85	98	1866126	5.0737 ug/L	101.47%
50) 2-Hexanone-d5	11.61	63	591484	42.4127 ug/L	84.83%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	406012	4.8500 ug/L	97.00%
65) 1,2-Dichlorobenzene-d4	16.19	152	772223	4.9739 ug/L	99.48%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR13FA04.D
Acq Time : 01/10/2012 20:46 Operator: JAG
Sample : 1200528005 F5A04 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A05

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR09FA05

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.55	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.36	J
156-59-2	cis-1,2-Dichloroethene	0.99	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A05

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR09FA05

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.45	J
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.61	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.32	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.11	J
95-47-6	o-Xylene	0.12	J
179601-23-1	m,p-Xylene	0.33	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A05

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR09FA05

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	624-70-4	Ethane, 1-chloro-2-iodo-	12.44	0.58	JN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

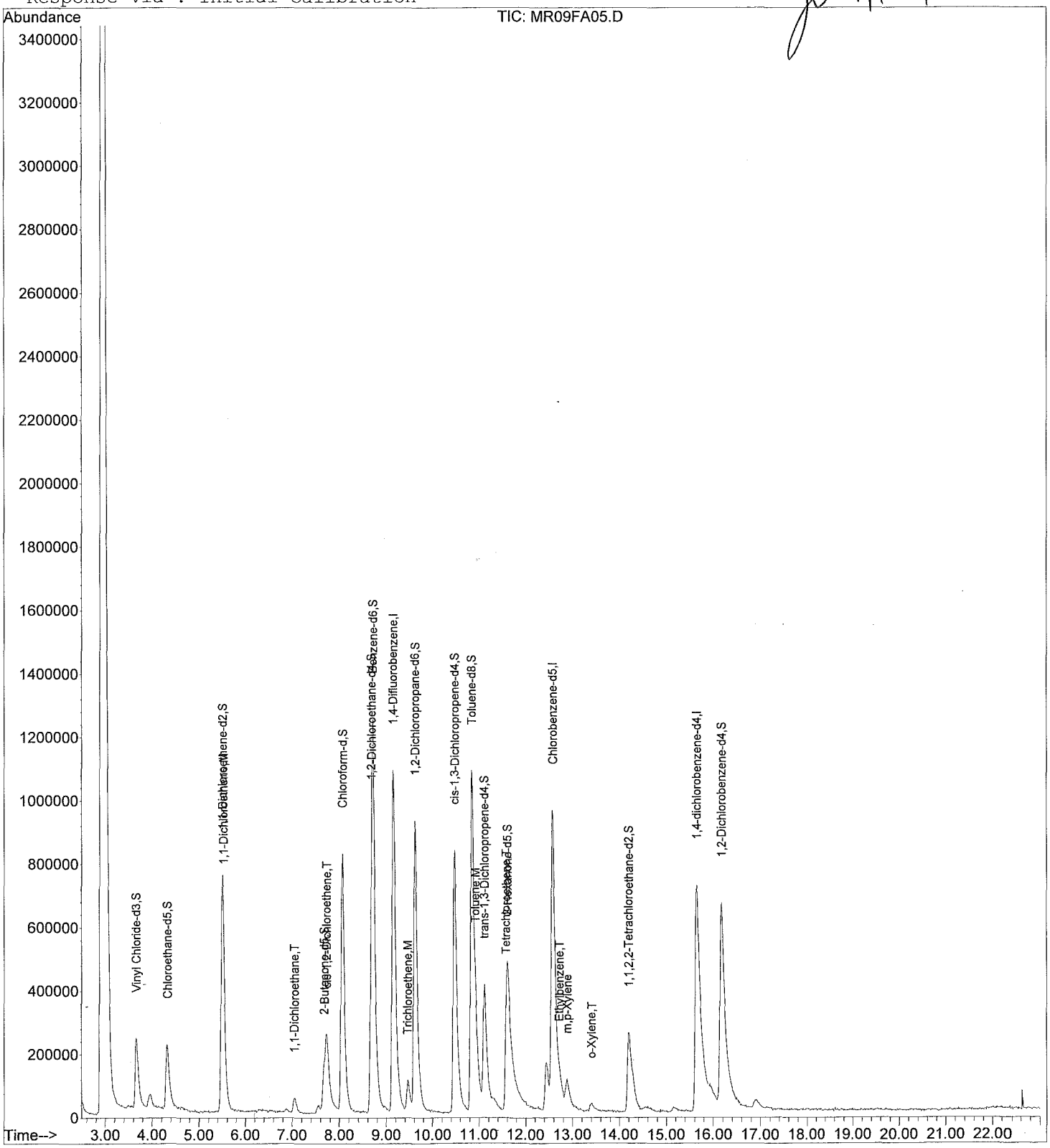
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR09FA05.D
Acq Time : 01/10/2012 18:40 Operator: JAG
Sample : 1200528006 F5A05 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:31 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00082

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR09FA05.D
Acq Time : 01/10/2012 18:40 Operator: JAG
Sample : 1200528006 F5A05 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:31 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2183088	5.0000 ug/L	84.98
28) Chlorobenzene-d5	12.58	117	1764247	5.0000 ug/L	82.89
60) 1,4-dichlorobenzene-d4	15.65	152	1003301	5.0000 ug/L	83.78
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.66	65	704255	6.8996 ug/L	137.99%#
8) Chloroethane-d5	4.33	69	621483	5.9328 ug/L	118.66%
11) 1,1-Dichloroethene-d2	5.50	63	1652006	4.3090 ug/L	86.18%
22) 2-Butanone-d5	7.67	46	913141	48.3711 ug/L	96.74%
25) Chloroform-d	8.07	84	1495913	5.0242 ug/L	100.48%
27) 1,2-Dichloroethane-d4	8.67	65	602267	4.5896 ug/L	91.79%
33) Benzene-d6	8.71	84	2199500	5.1944 ug/L	103.89%
37) 1,2-Dichloropropane-d6	9.62	67	1189327	5.0054 ug/L	100.11%
40) cis-1,3-Dichloropropene-d4	10.48	79	1380451	5.0372 ug/L	100.74%
42) trans-1,3-Dichloropropene-	11.11	79	630815	4.8714 ug/L	97.43%
47) Toluene-d8	10.85	98	1978062	5.1240 ug/L	102.48%
50) 2-Hexanone-d5	11.60	63	654418	44.7093 ug/L	89.42%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	458998	5.2240 ug/L	104.48%
65) 1,2-Dichlorobenzene-d4	16.18	152	864977	5.2472 ug/L	104.94%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.53	96	55526	0.5462 ug/L #	1
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.06	63	127911	0.3588 ug/L	98
20) cis-1,2-Dichloroethene	7.73	96	137903	0.9904 ug/L	87
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.46	95	72436	0.4462 ug/L	96
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

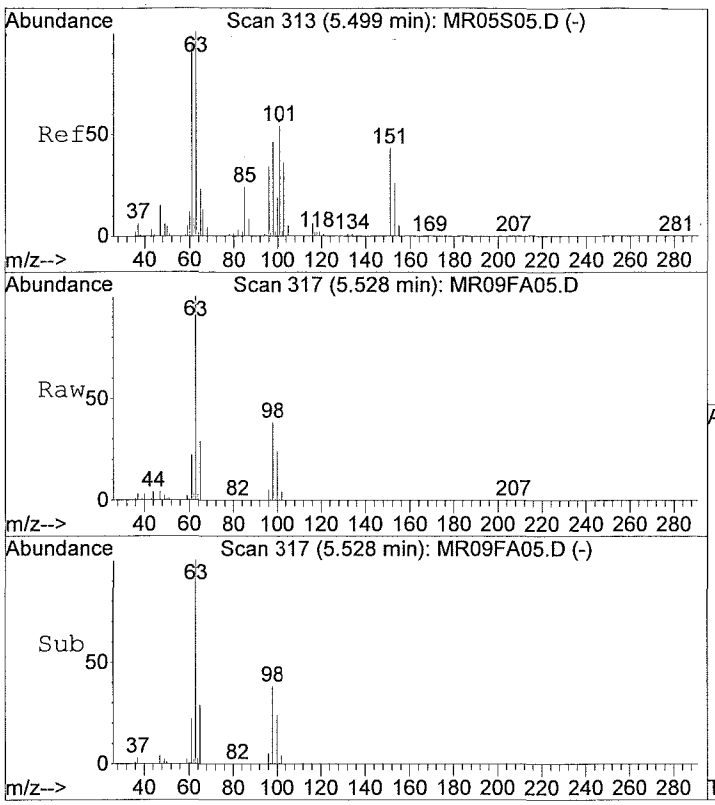
Data File : J:\M\2012\JAN12M\10JAN12M\MR09FA05.D
Acq Time : 01/10/2012 18:40 Operator: JAG
Sample : 1200528006 F5A05 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:31 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.93	91	270408	0.6126 ug/L	98
48)	Tetrachloroethene	11.57	164	55634	0.3248 ug/L	95
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	12.73	91	48534	0.1056 ug/L	99
54)	m,p-Xylene	12.88	106	75969	0.3310 ug/L	81
55)	o-Xylene	13.40	106	23241	0.1186 ug/L	84
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

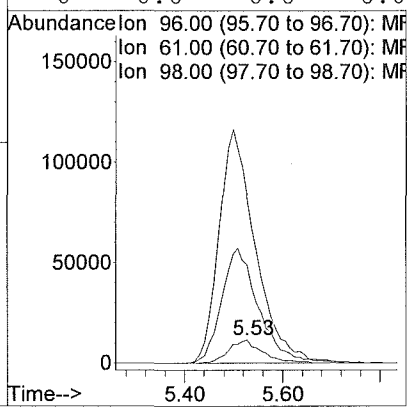
(#) = qualifier out of range (m) = manual integration

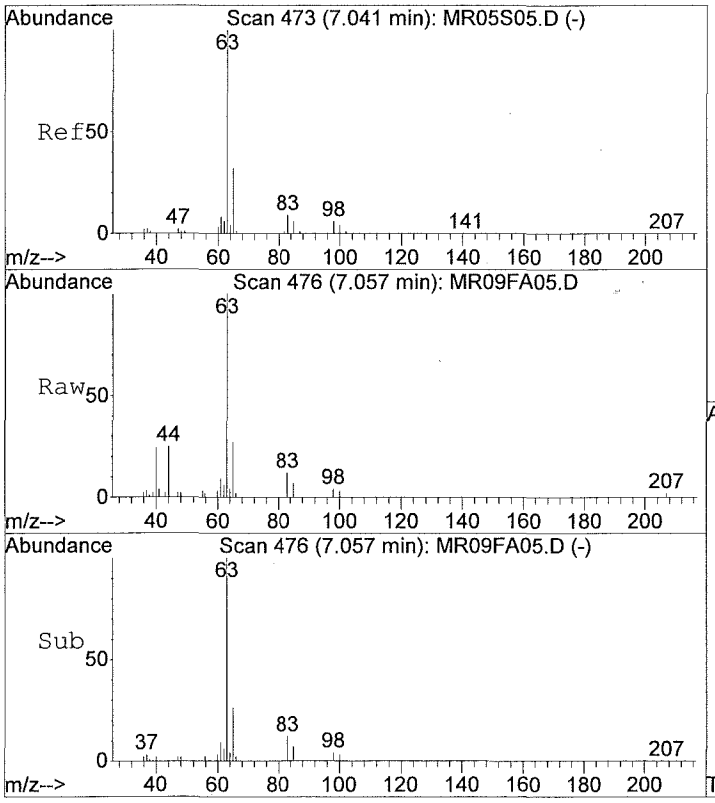


#10
1,1-Dichloroethene
Concen: 0.55 ug/L
RT: 5.53 min Scan# 317
Delta R.T. 0.03 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:96 Resp: 55526

Ion	Ratio	Lower	Upper
96	100		
61	542.6	139.6	418.8#
98	1086.2	68.1	204.3#
0	0.0	0.0	0.0

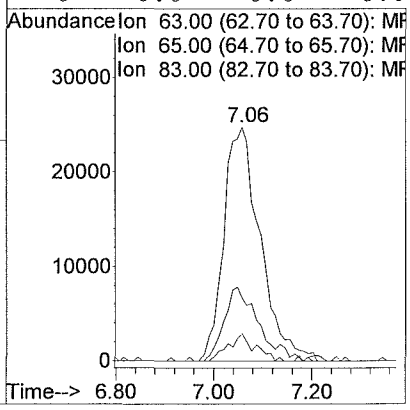


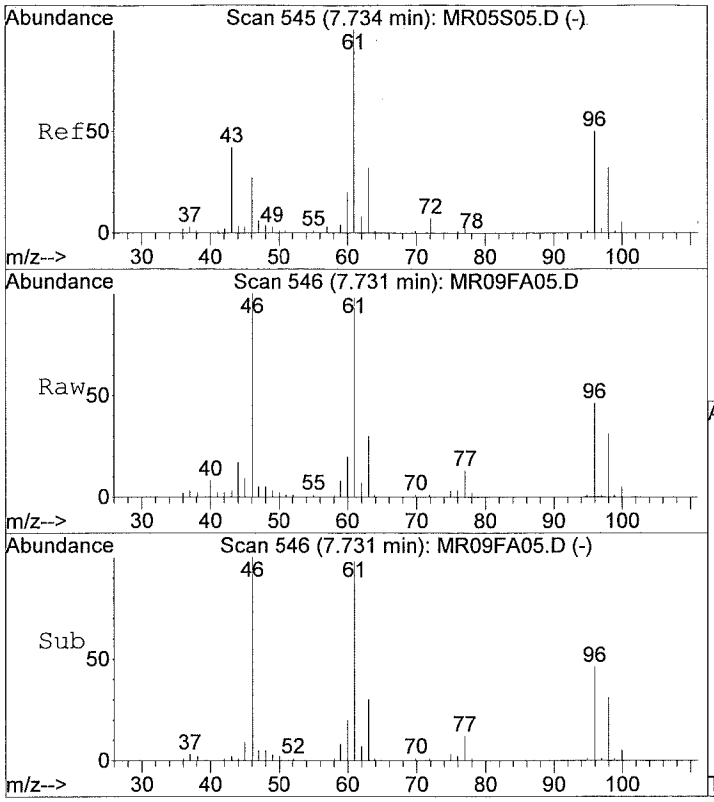


#19
1,1-Dichloroethane
Concen: 0.36 ug/L
RT: 7.06 min Scan# 476
Delta R.T. 0.02 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:63 Resp: 127911

Ion	Ratio	Lower	Upper
63	100		
65	30.7	16.1	48.2
83	8.8	4.5	13.6
0	0.0	0.0	0.0

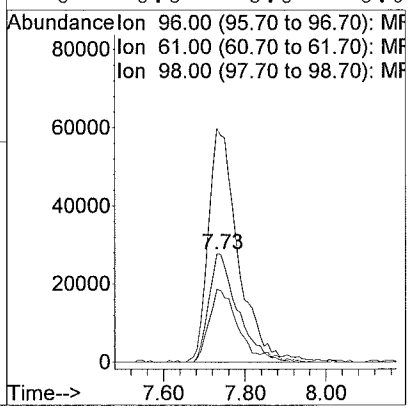


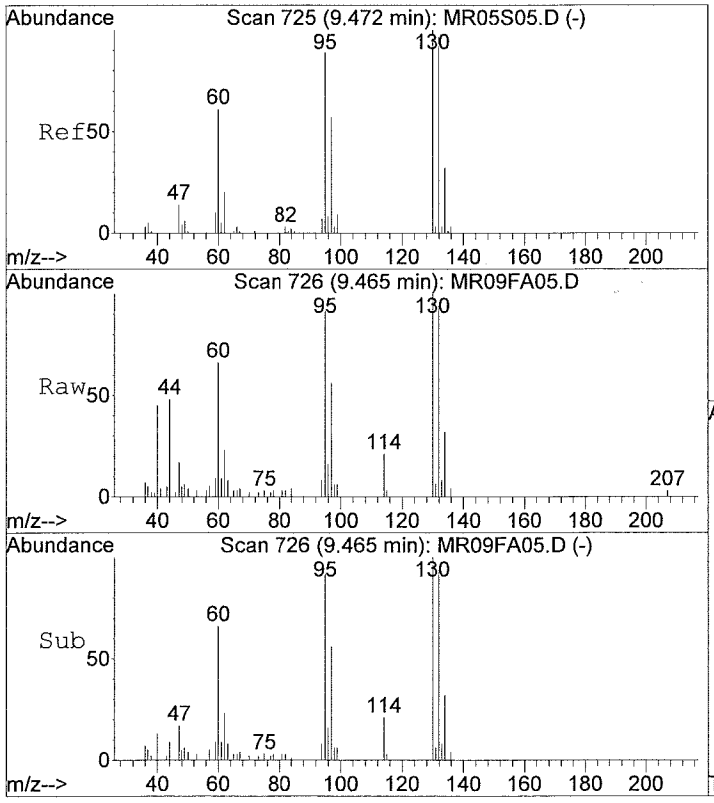


#20
cis-1,2-Dichloroethene
Concen: 0.99 ug/L
RT: 7.73 min Scan# 546
Delta R.T. -0.00 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:96 Resp: 137903

Ion	Ratio	Lower	Upper
96	100		
61	221.4	99.3	297.8
98	68.0	31.7	95.0
0	0.0	0.0	0.0

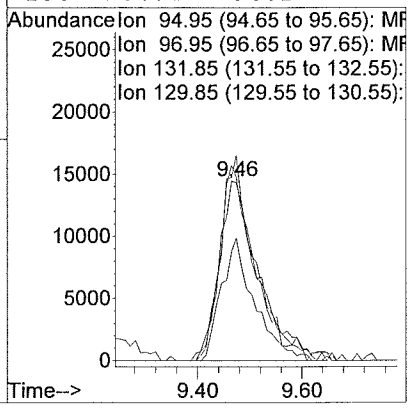


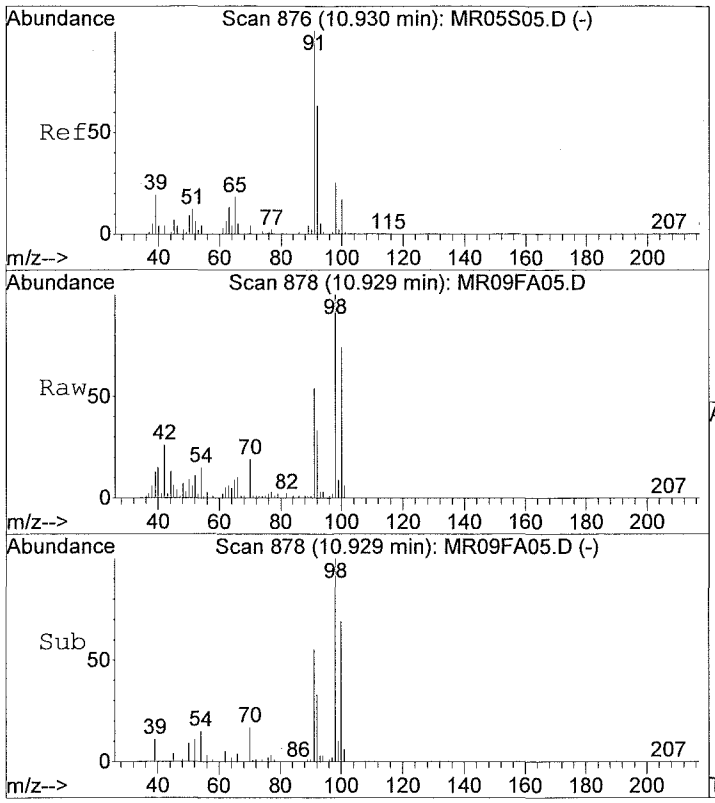


#34
Trichloroethene
Concen: 0.45 ug/L
RT: 9.46 min Scan# 726
Delta R.T. -0.01 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:94.95 Resp: 72436

Ion	Ratio	Lower	Upper
95	100		
97	60.7	51.2	76.8
132	107.0	87.0	130.6
130	106.4	90.2	135.2

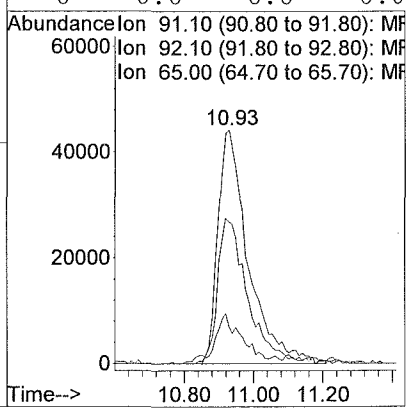


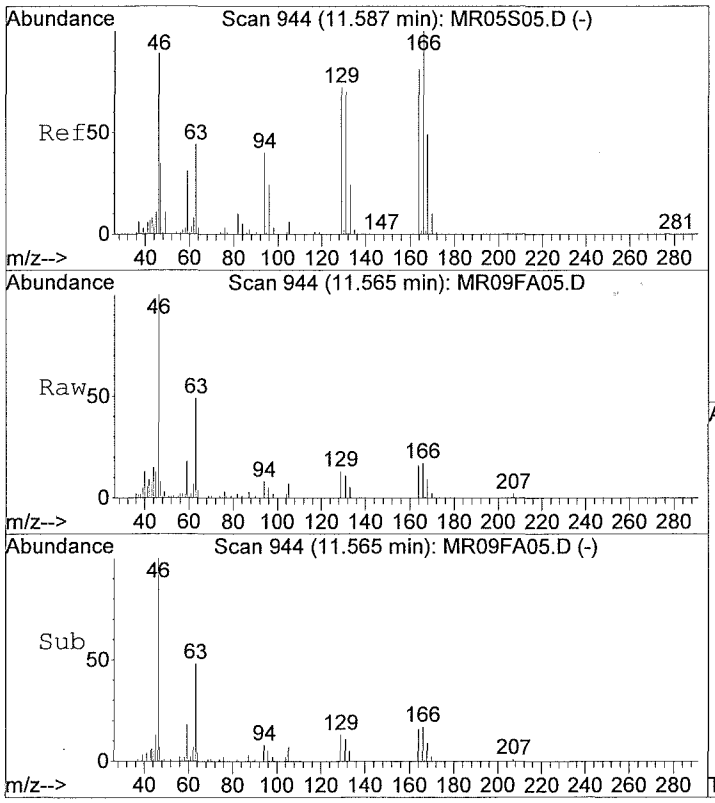


#46
Toluene
Concen: 0.61 ug/L
RT: 10.93 min Scan# 878
Delta R.T. -0.00 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:91.1 Resp: 270408

Ion	Ratio	Lower	Upper
91	100		
92	61.9	50.6	76.0
65	19.7	14.2	21.2
0	0.0	0.0	0.0

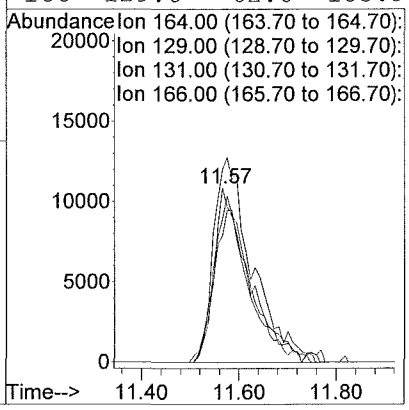


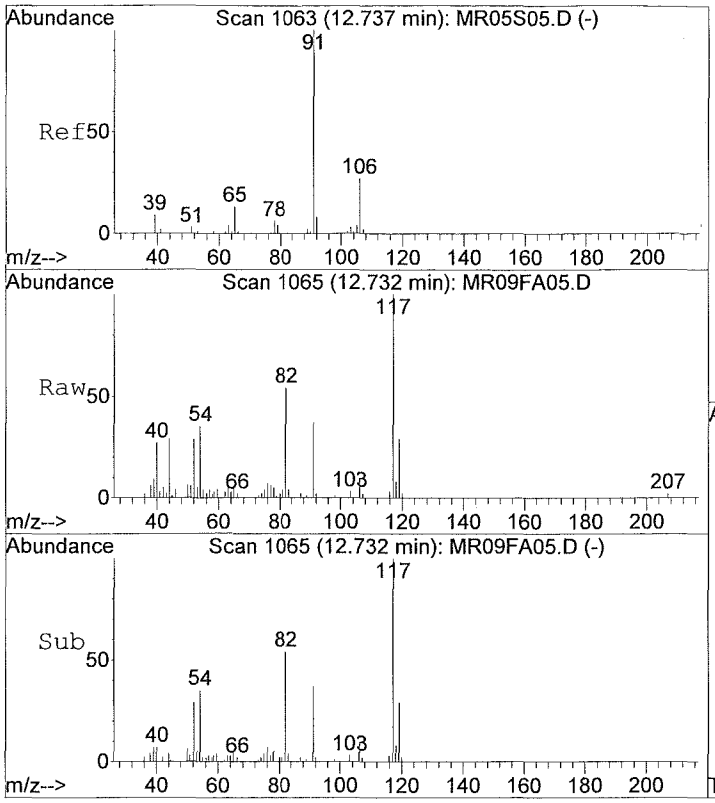


#48
Tetrachloroethene
Concen: 0.32 ug/L
RT: 11.57 min Scan# 944
Delta R.T. -0.02 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:164 Resp: 55634

Ion	Ratio	Lower	Upper
164	100		
129	93.3	44.6	133.8
131	91.2	43.3	129.9
166	129.0	62.0	185.9

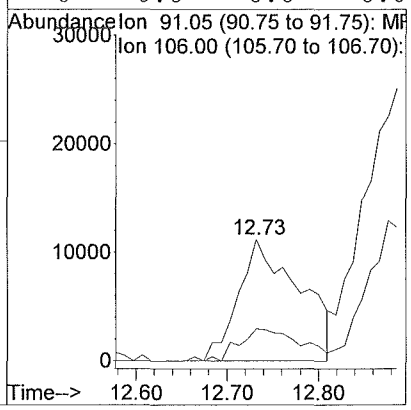


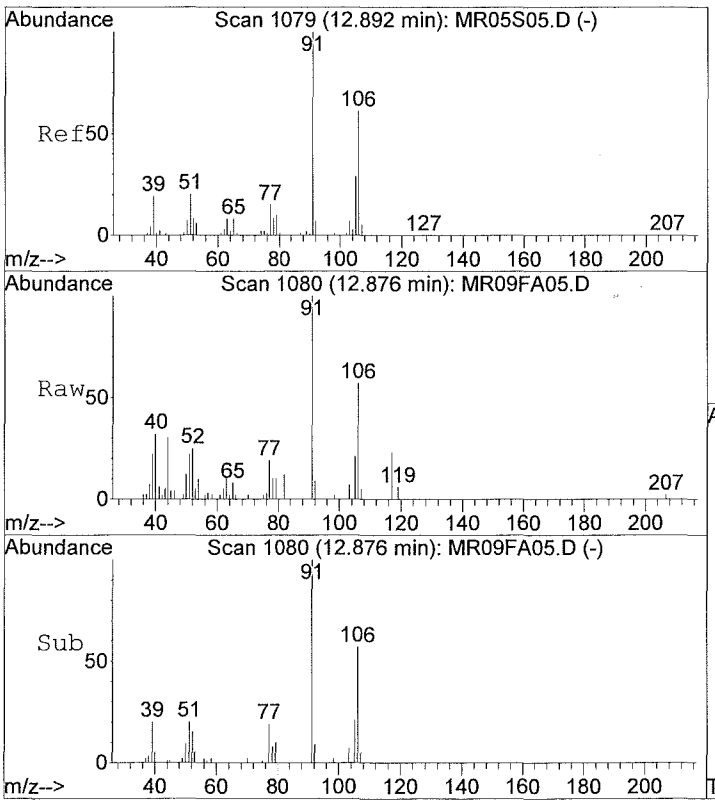


#53
Ethylbenzene
Concen: 0.11 ug/L
RT: 12.73 min Scan# 1065
Delta R.T. -0.01 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:91.05 Resp: 48534

Ion	Ratio	Lower	Upper
91	100		
106	26.4	21.7	32.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0

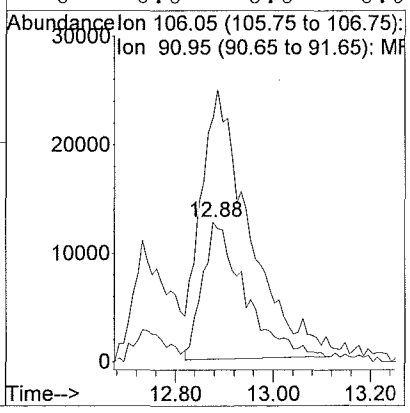


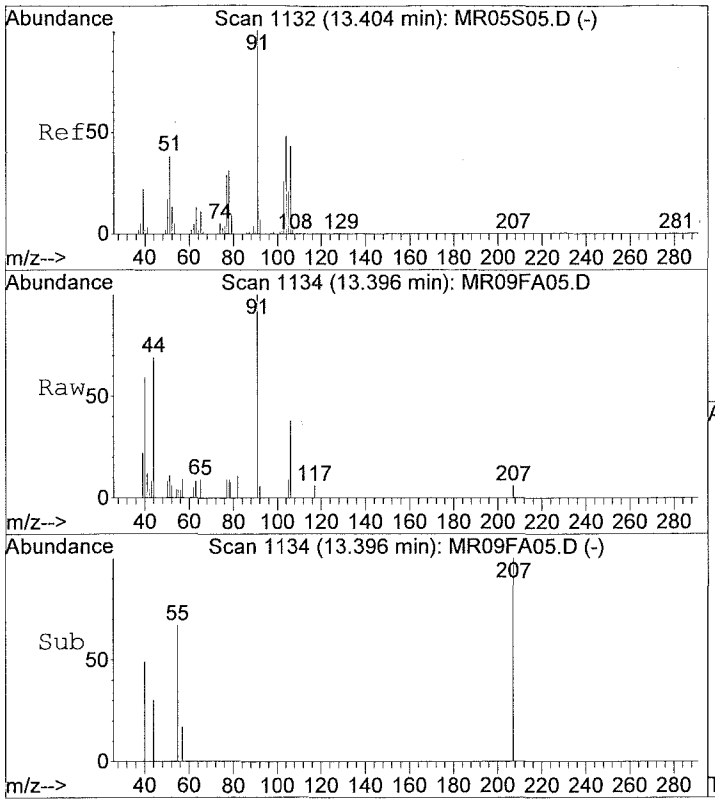


#54
m,p-Xylene
Concen: 0.33 ug/L
RT: 12.88 min Scan# 1080
Delta R.T. -0.02 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:106.05 Resp: 75969

Ion	Ratio	Lower	Upper
106	100		
91	244.4	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0

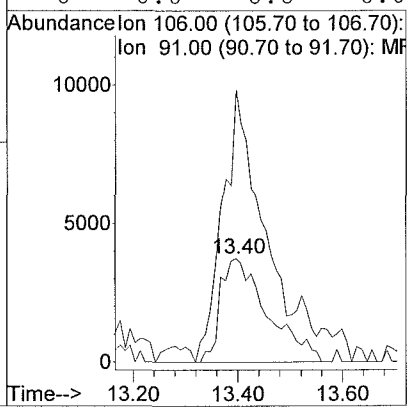




#55
o-Xylene
Concen: 0.12 ug/L
RT: 13.40 min Scan# 1134
Delta R.T. -0.01 min
Lab File: MR09FA05.D
Acq: 01/10/2012 18:40

Tgt Ion:106 Resp: 23241

Ion	Ratio	Lower	Upper
106	100		
91	256.3	114.9	344.6
0	0.0	0.0	0.0
0	0.0	0.0	0.0



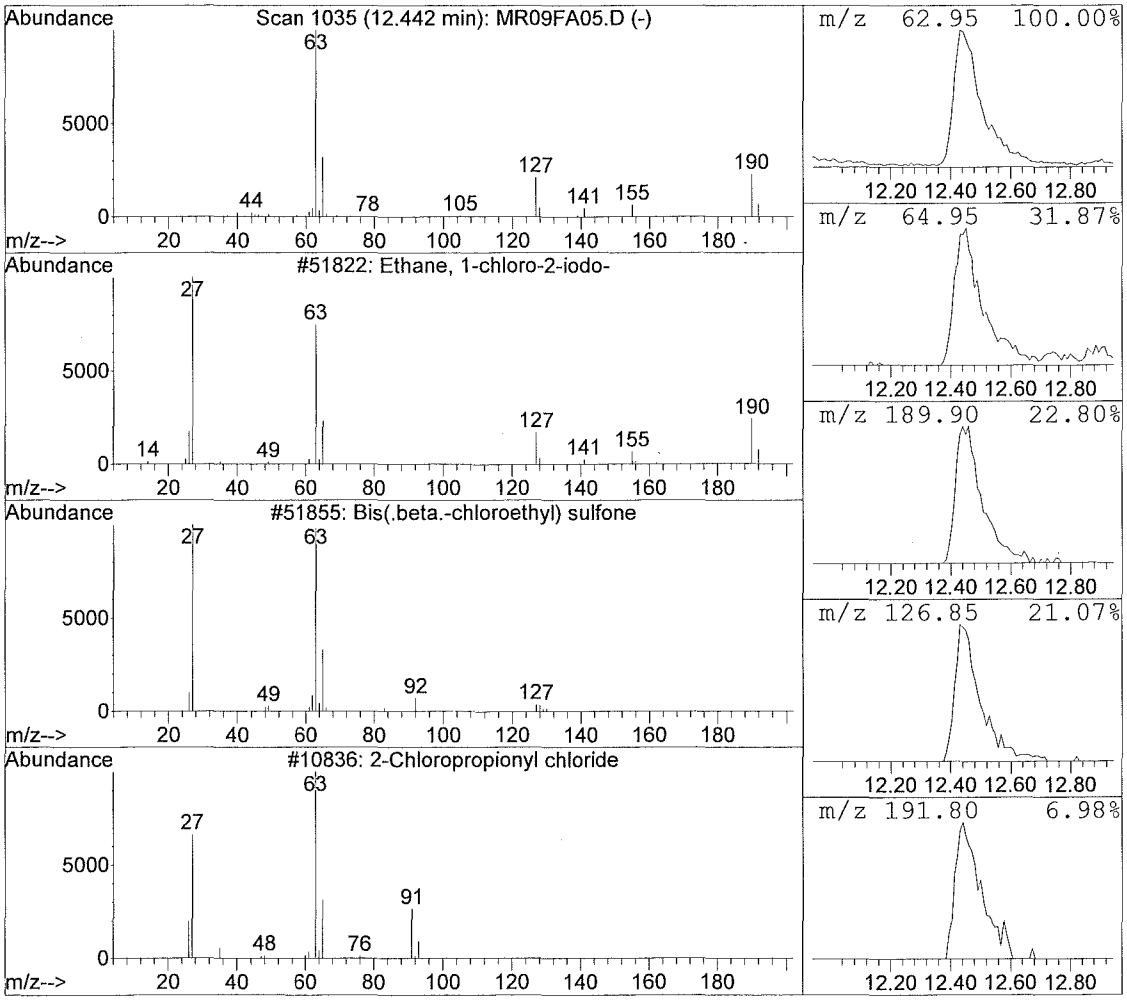
Library Search Compound Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR09FA05.D
Acq Time : 01/10/2012 18:40 Operator: JAG
Sample : 1200528006 F5A05 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
12.44	0.58 ug/L	727473	Chlorobenzene-d5	6269911

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Ethane, 1-chloro-2-iodo-	51822	000624-70-4	91.00
2	Bis(.beta.-chloroethyl) sulfone	51855	000471-03-4	56.00
3	2-Chloropropionyl chloride	10836	007623-09-8	9.00
4	Ethane, 1,1-dichloro-	2990	000075-34-3	9.00
5	Ethane, 1,2-bis(2-chloroethoxy)-	49232	000112-26-5	9.00



00090

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A08

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR14FA08

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A08

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR14FA08

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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

EPA SAMPLE NO.

F5A08

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR14FA08

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

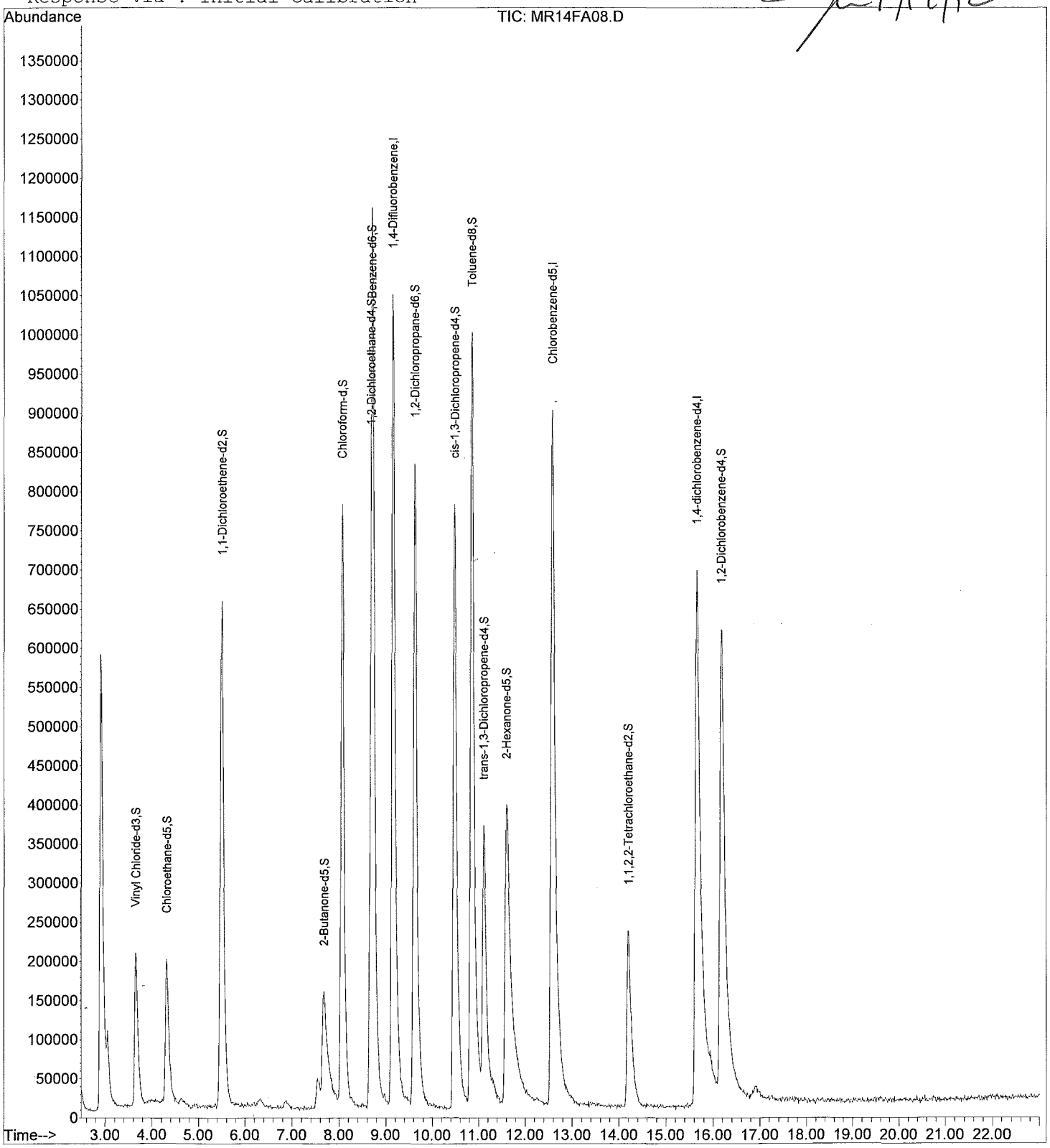
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR14FA08.D
Acq Time : 01/10/2012 21:17 Operator: JAG
Sample : 1200528007 F5A08 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00094

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR14FA08.D
Acq Time : 01/10/2012 21:17 Operator: JAG
Sample : 1200528007 F5A08 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.14	114	2131512	5.0000 ug/L	82.97
28) Chlorobenzene-d5	12.57	117	1705116	5.0000 ug/L	80.12
60) 1,4-dichlorobenzene-d4	15.65	152	959259	5.0000 ug/L	80.10
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	607825	6.0989 ug/L	121.98%
8) Chloroethane-d5	4.32	69	544357	5.3223 ug/L	106.45%
11) 1,1-Dichloroethene-d2	5.50	63	1450263	3.8743 ug/L	77.49%
22) 2-Butanone-d5	7.68	46	812320	44.0716 ug/L	88.14%
25) Chloroform-d	8.07	84	1390602	4.7835 ug/L	95.67%
27) 1,2-Dichloroethane-d4	8.67	65	568310	4.4356 ug/L	88.71%
33) Benzene-d6	8.71	84	2030437	4.9615 ug/L	99.23%
37) 1,2-Dichloropropane-d6	9.62	67	1067483	4.6484 ug/L	92.97%
40) cis-1,3-Dichloropropene-d4	10.47	79	1253922	4.7342 ug/L	94.68%
42) trans-1,3-Dichloropropene-	11.11	79	582260	4.6524 ug/L	93.05%
47) Toluene-d8	10.85	98	1850431	4.9597 ug/L	99.19%
50) 2-Hexanone-d5	11.59	63	601656	42.5301 ug/L	85.06%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	412369	4.8561 ug/L	97.12%
65) 1,2-Dichlorobenzene-d4	16.18	152	744707	4.7250 ug/L	94.50%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR14FA08.D
Acq Time : 01/10/2012 21:17 Operator: JAG
Sample : 1200528007 F5A08 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:45 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A09

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR15FA09

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A09

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR15FA09

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A09

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR15FA09

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

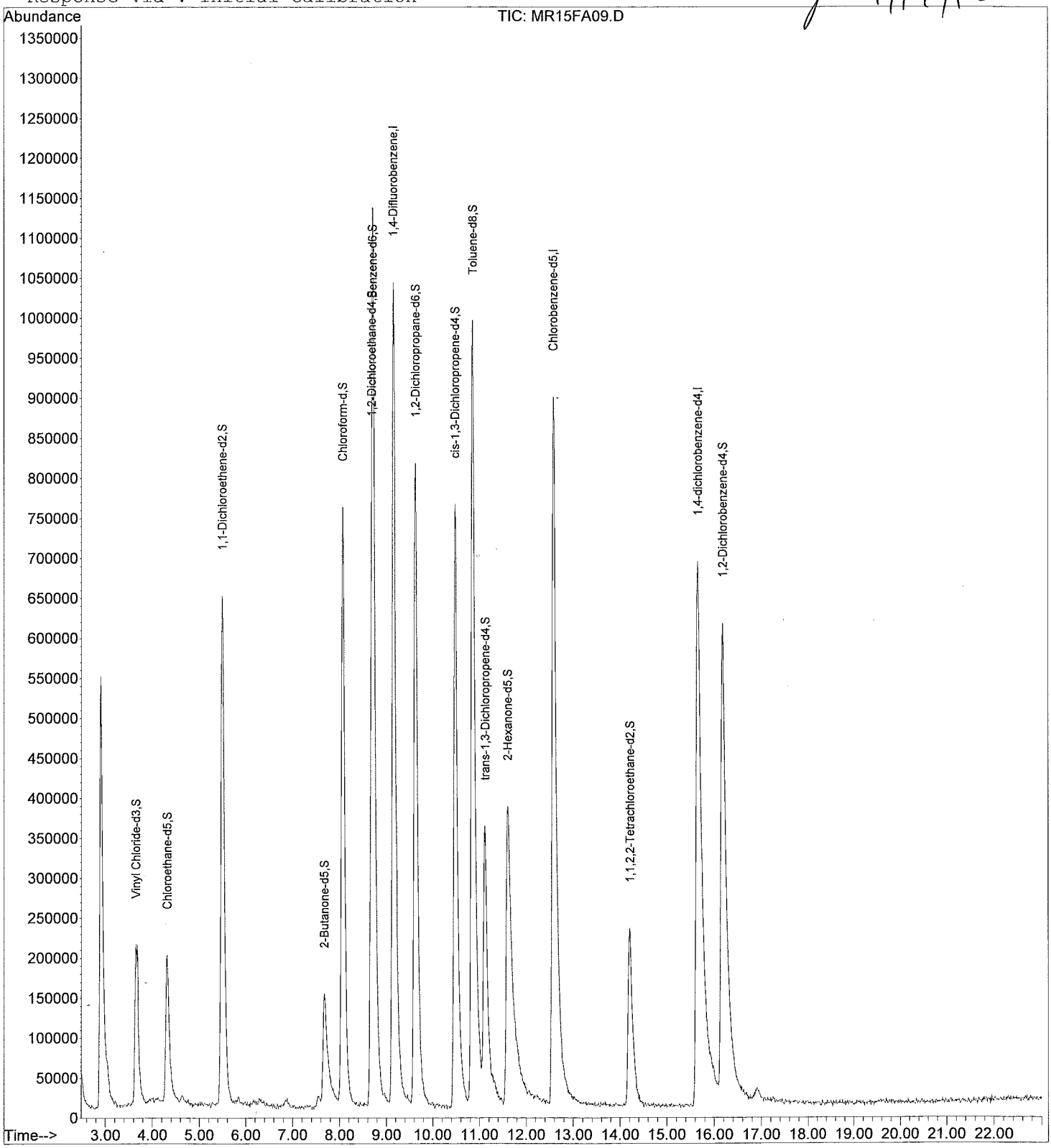
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR15FA09.D
Acq Time : 01/10/2012 21:49 Operator: JAG
Sample : 1200528008 F5A09 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:47 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00100

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR15FA09.D
Acq Time : 01/10/2012 21:49 Operator: JAG
Sample : 1200528008 F5A09 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:47 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.14	114	2111658	5.0000 ug/L	82.20
28) Chlorobenzene-d5	12.57	117	1708532	5.0000 ug/L	80.28
60) 1,4-dichlorobenzene-d4	15.65	152	960022	5.0000 ug/L	80.16
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	614151	6.2204 ug/L	124.41%
8) Chloroethane-d5	4.32	69	537209	5.3018 ug/L	106.04%
11) 1,1-Dichloroethene-d2	5.49	63	1433019	3.8643 ug/L	77.29%
22) 2-Butanone-d5	7.68	46	768684	42.0963 ug/L	84.19%
25) Chloroform-d	8.07	84	1369632	4.7557 ug/L	95.11%
27) 1,2-Dichloroethane-d4	8.67	65	563840	4.4421 ug/L	88.84%
33) Benzene-d6	8.71	84	1986335	4.8440 ug/L	96.88%
37) 1,2-Dichloropropane-d6	9.63	67	1037035	4.5068 ug/L	90.14%
40) cis-1,3-Dichloropropene-d4	10.47	79	1236814	4.6602 ug/L	93.20%
42) trans-1,3-Dichloropropene-	11.11	79	575606	4.5900 ug/L	91.80%
47) Toluene-d8	10.85	98	1849490	4.9472 ug/L	98.94%
50) 2-Hexanone-d5	11.60	63	591231	41.7096 ug/L	83.42%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	409051	4.8074 ug/L	96.15%
65) 1,2-Dichlorobenzene-d4	16.18	152	754252	4.7818 ug/L	95.64%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR15FA09.D
Acq Time : 01/10/2012 21:49 Operator: JAG
Sample : 1200528008 F5A09 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:47 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A10

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR10FA10

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	3.3	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	5.2	
156-59-2	cis-1,2-Dichloroethene	1.9	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.33	J
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.42	J

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A10

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR10FA10

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	2.1	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.33	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	3.0	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

F5A10

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR10FA10

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

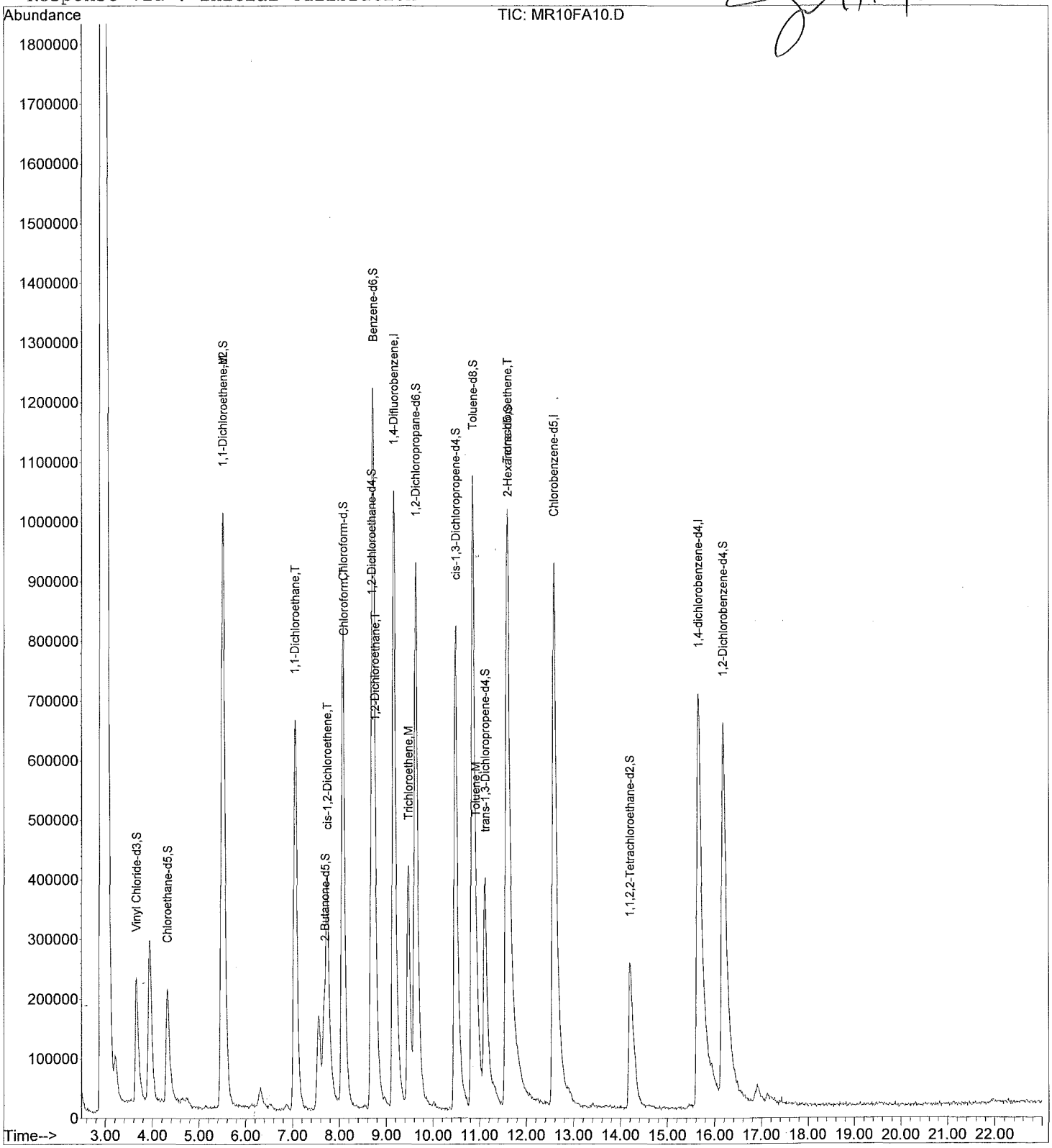
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR10FA10.D
Acq Time : 01/10/2012 19:11 Operator: JAG
Sample : 1200528009 F5A10 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00106

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR10FA10.D
Acq Time : 01/10/2012 19:11 Operator: JAG
Sample : 1200528009 F5A10 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2135197	5.0000 ug/L	83.12
28) Chlorobenzene-d5	12.58	117	1754667	5.0000 ug/L	82.44
60) 1,4-dichlorobenzene-d4	15.65	152	978131	5.0000 ug/L	81.68
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	653768	6.5486 ug/L	130.97%
8) Chloroethane-d5	4.32	69	581789	5.6784 ug/L	113.57%
11) 1,1-Dichloroethene-d2	5.49	63	1805159	4.8141 ug/L	96.28%
22) 2-Butanone-d5	7.67	46	922903	49.9848 ug/L	99.97%
25) Chloroform-d	8.06	84	1457266	5.0042 ug/L	100.08%
27) 1,2-Dichloroethane-d4	8.67	65	607161	4.7306 ug/L	94.61%
33) Benzene-d6	8.71	84	2155934	5.1194 ug/L	102.39%
37) 1,2-Dichloropropane-d6	9.62	67	1151683	4.8735 ug/L	97.47%
40) cis-1,3-Dichloropropene-d4	10.48	79	1372003	5.0337 ug/L	100.67%
42) trans-1,3-Dichloropropene-	11.11	79	627752	4.8742 ug/L	97.48%
47) Toluene-d8	10.84	98	1925414	5.0149 ug/L	100.30%
50) 2-Hexanone-d5	11.61	63	643341	44.1925 ug/L	88.39%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	459504	5.2584 ug/L	105.17%
65) 1,2-Dichlorobenzene-d4	16.17	152	812009	5.0526 ug/L	101.05%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	5.51	96	323724	3.2561 ug/L #	58
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	7.04	63	1827174	5.2396 ug/L	99
20) cis-1,2-Dichloroethene	7.73	96	255541	1.8764 ug/L	96
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	8.09	83	92260	0.3261 ug/L #	1
26) 1,2-Dichloroethane	8.76	62	62562	0.4215 ug/L #	79
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	9.47	95	332019	2.0565 ug/L	99
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

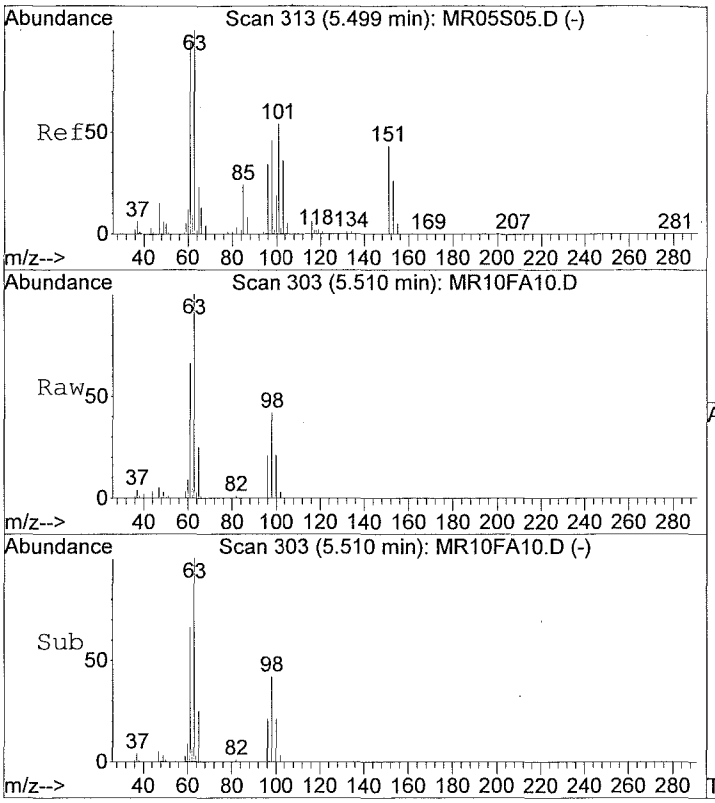
Data File : J:\M\2012\JAN12M\10JAN12M\MR10FA10.D
Acq Time : 01/10/2012 19:11 Operator: JAG
Sample : 1200528009 F5A10 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.92	91	143448	0.3267 ug/L #	97
48)	Tetrachloroethene	11.58	164	518232	3.0422 ug/L	97
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

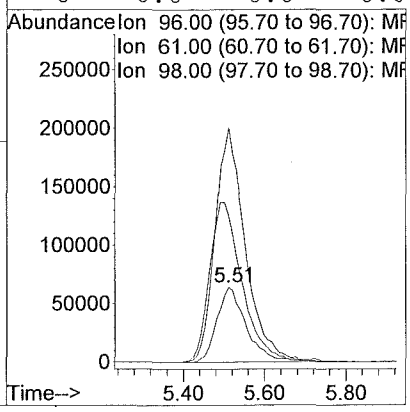
(#) = qualifier out of range (m) = manual integration

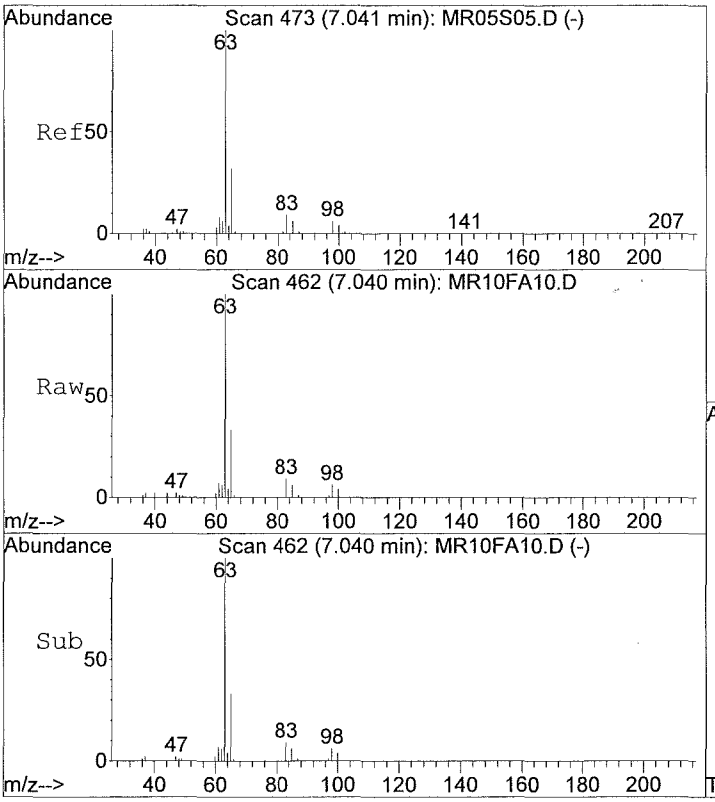


#10
1,1-Dichloroethene
Concen: 3.26 ug/L
RT: 5.51 min Scan# 303
Delta R.T. 0.01 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:96 Resp: 323724

Ion	Ratio	Lower	Upper
96	100		
61	321.7	139.6	418.8
98	235.1	68.1	204.3#
0	0.0	0.0	0.0

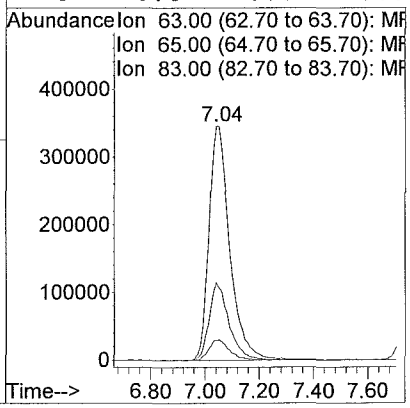


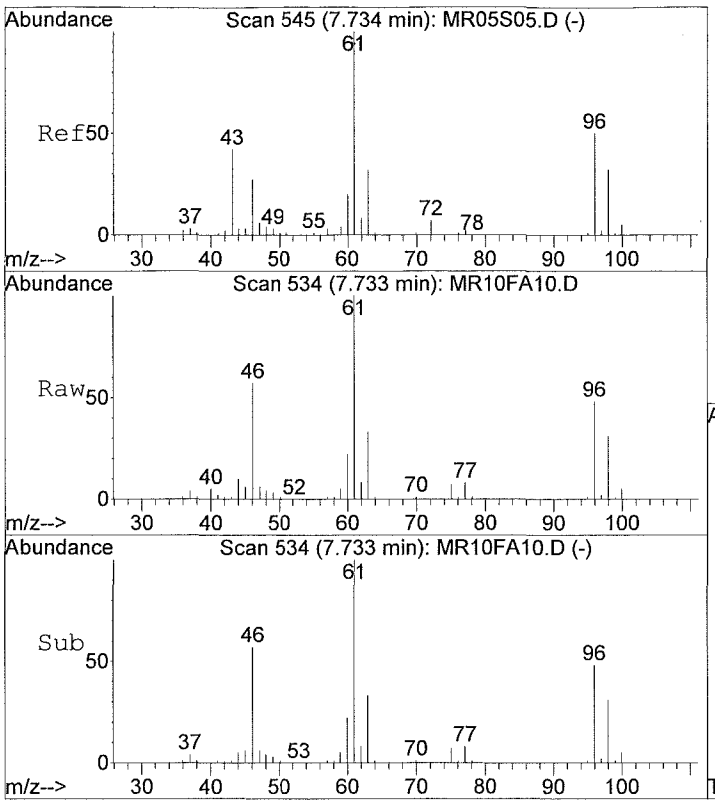


#19
1,1-Dichloroethane
Concen: 5.24 ug/L
RT: 7.04 min Scan# 462
Delta R.T. -0.00 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:63 Resp: 1827174

Ion	Ratio	Lower	Upper
63	100		
65	31.6	16.1	48.2
83	8.7	4.5	13.6
0	0.0	0.0	0.0

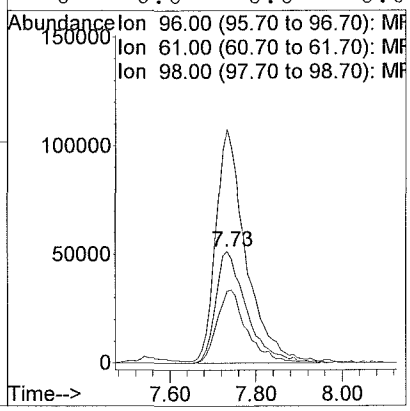


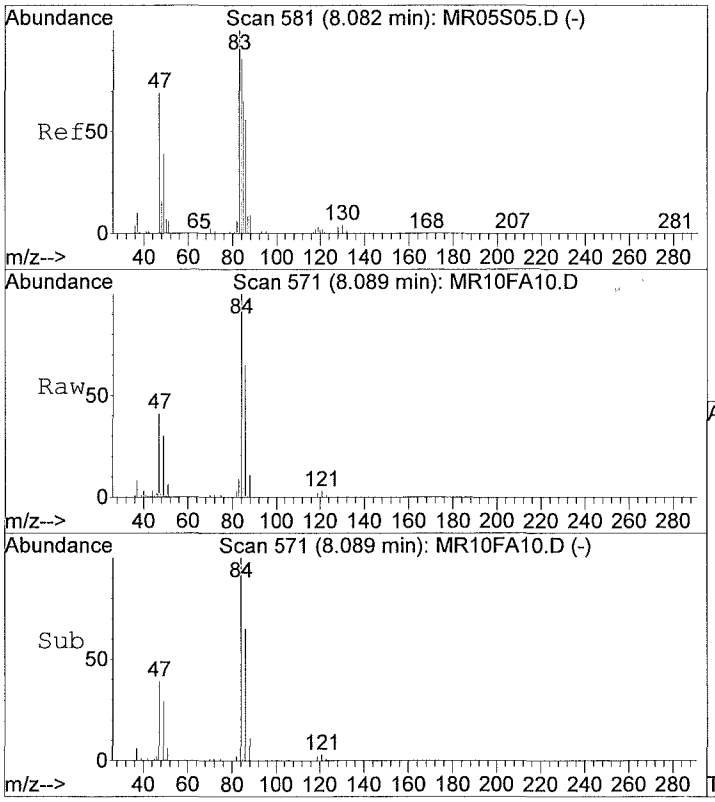


#20
cis-1,2-Dichloroethene
Concen: 1.88 ug/L
RT: 7.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:96 Resp: 255541

Ion	Ratio	Lower	Upper
96	100		
61	206.5	99.3	297.8
98	63.8	31.7	95.0
0	0.0	0.0	0.0

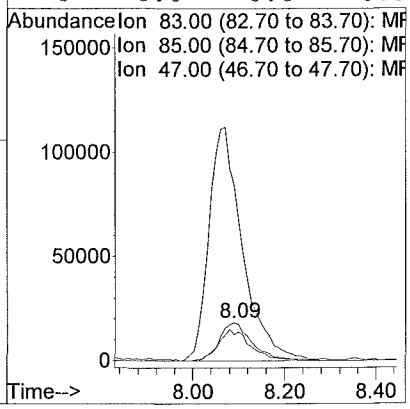


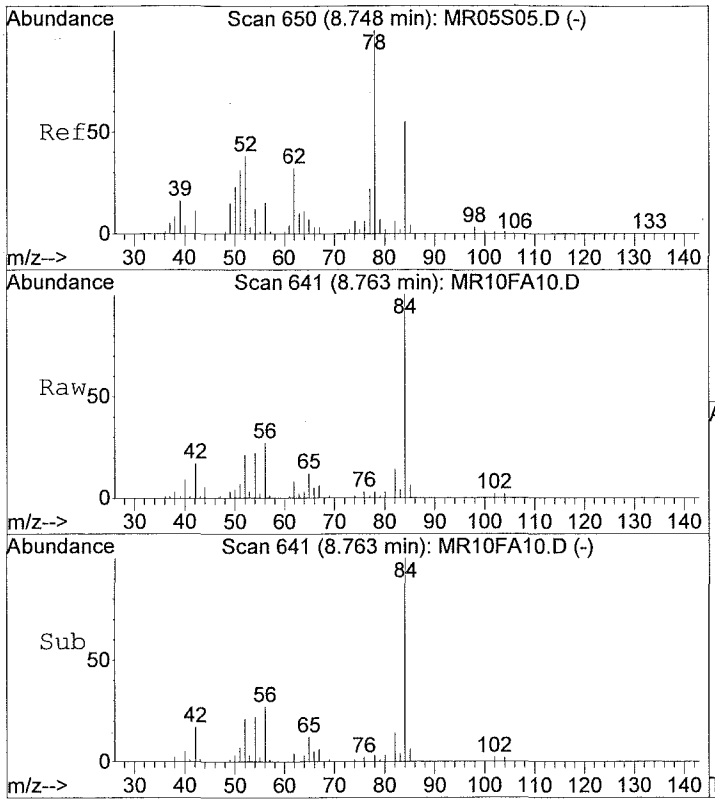


#24
Chloroform
Concen: 0.33 ug/L
RT: 8.09 min Scan# 571
Delta R.T. 0.01 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:83 Resp: 92260

Ion	Ratio	Lower	Upper
83	100		
85	80.3	32.3	96.9
47	616.0	35.2	105.7#
0	0.0	0.0	0.0

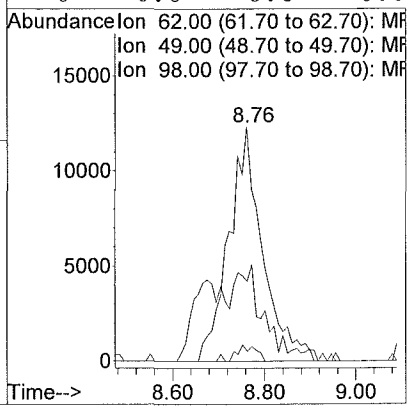


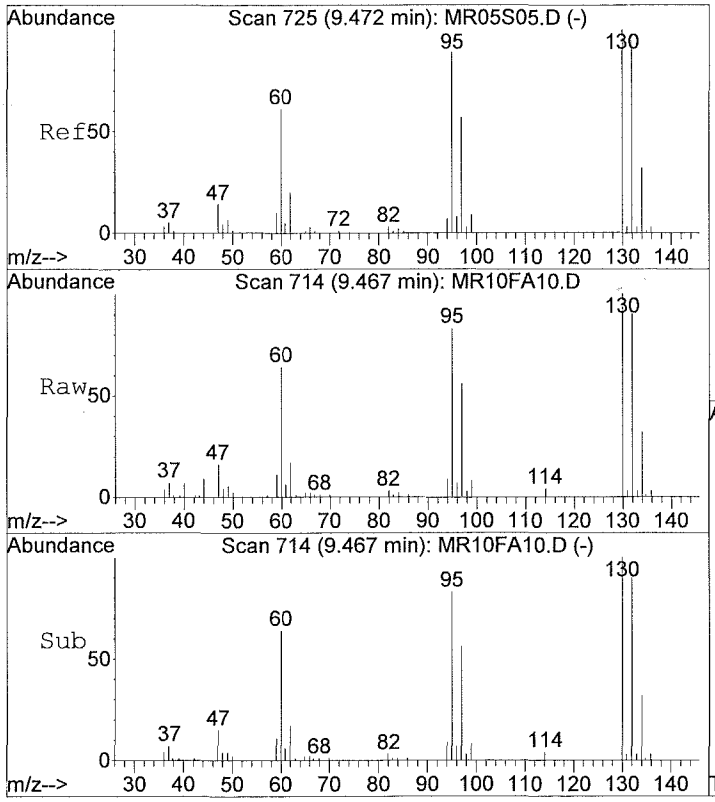


#26
1,2-Dichloroethane
Concen: 0.42 ug/L
RT: 8.76 min Scan# 641
Delta R.T. 0.02 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:62 Resp: 62562

Ion	Ratio	Lower	Upper
62	100		
49	33.0	39.0	58.6#
98	4.1	6.2	9.2#
0	0.0	0.0	0.0

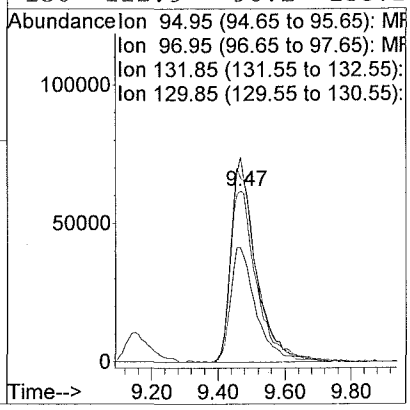


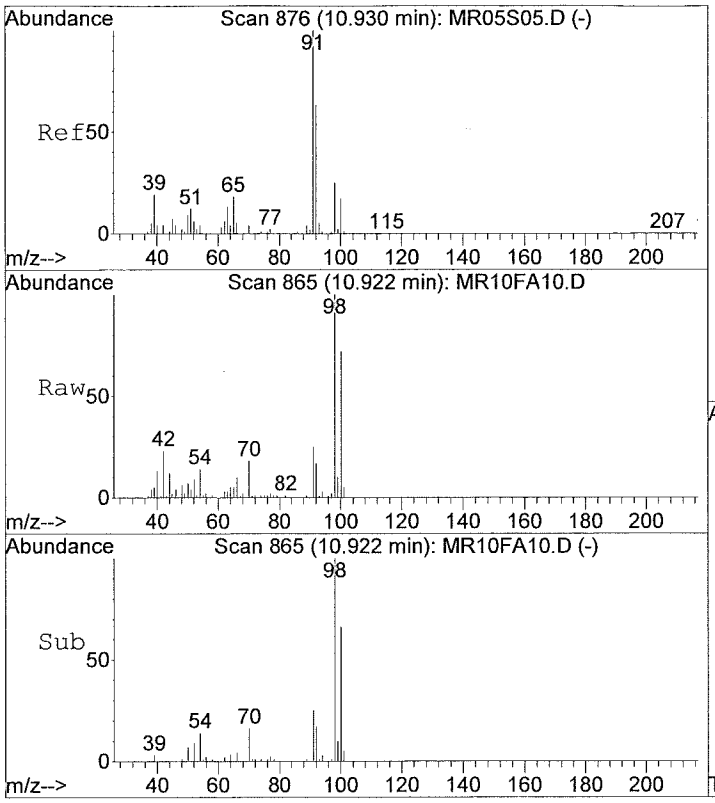


#34
Trichloroethene
Concen: 2.06 ug/L
RT: 9.47 min Scan# 714
Delta R.T. -0.00 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:94.95 Resp: 332019

Ion	Ratio	Lower	Upper
95	100		
97	64.0	51.2	76.8
132	110.9	87.0	130.6
130	112.9	90.2	135.2

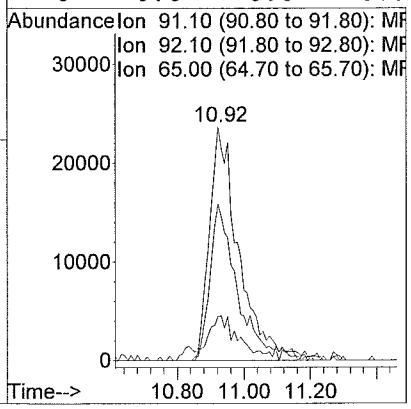


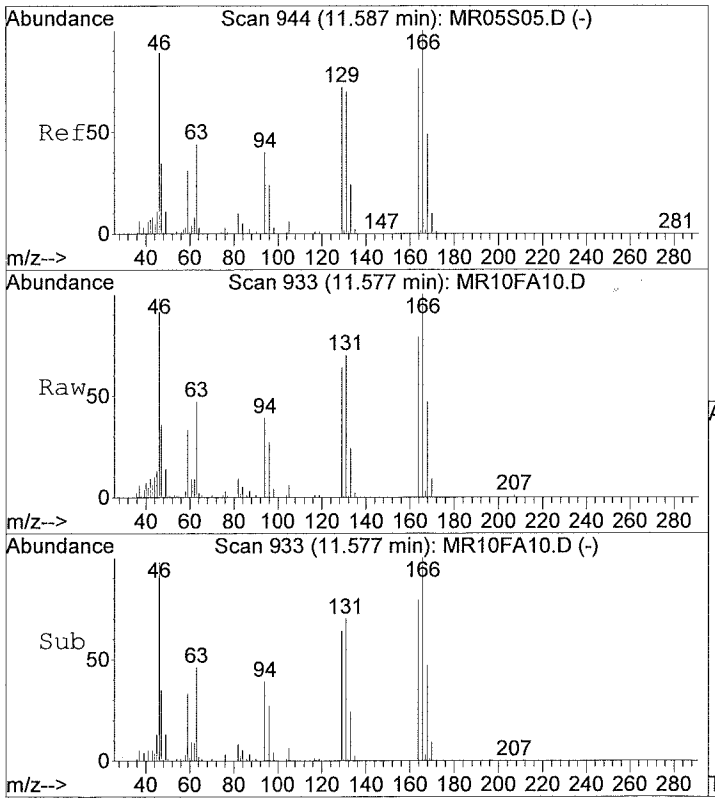


#46
Toluene
Concen: 0.33 ug/L
RT: 10.92 min Scan# 865
Delta R.T. -0.01 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:91.1 Resp: 143448

Ion	Ratio	Lower	Upper
91	100		
92	62.5	50.6	76.0
65	21.6	14.2	21.2#
0	0.0	0.0	0.0

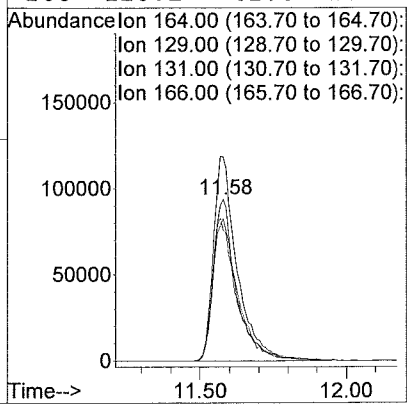




#48
Tetrachloroethene
Concen: 3.04 ug/L
RT: 11.58 min Scan# 933
Delta R.T. -0.01 min
Lab File: MR10FA10.D
Acq: 01/10/2012 19:11

Tgt Ion:164 Resp: 518232

Ion	Ratio	Lower	Upper
164	100		
129	89.3	44.6	133.8
131	91.4	43.3	129.9
166	128.2	62.0	185.9



Library Search Compound Report

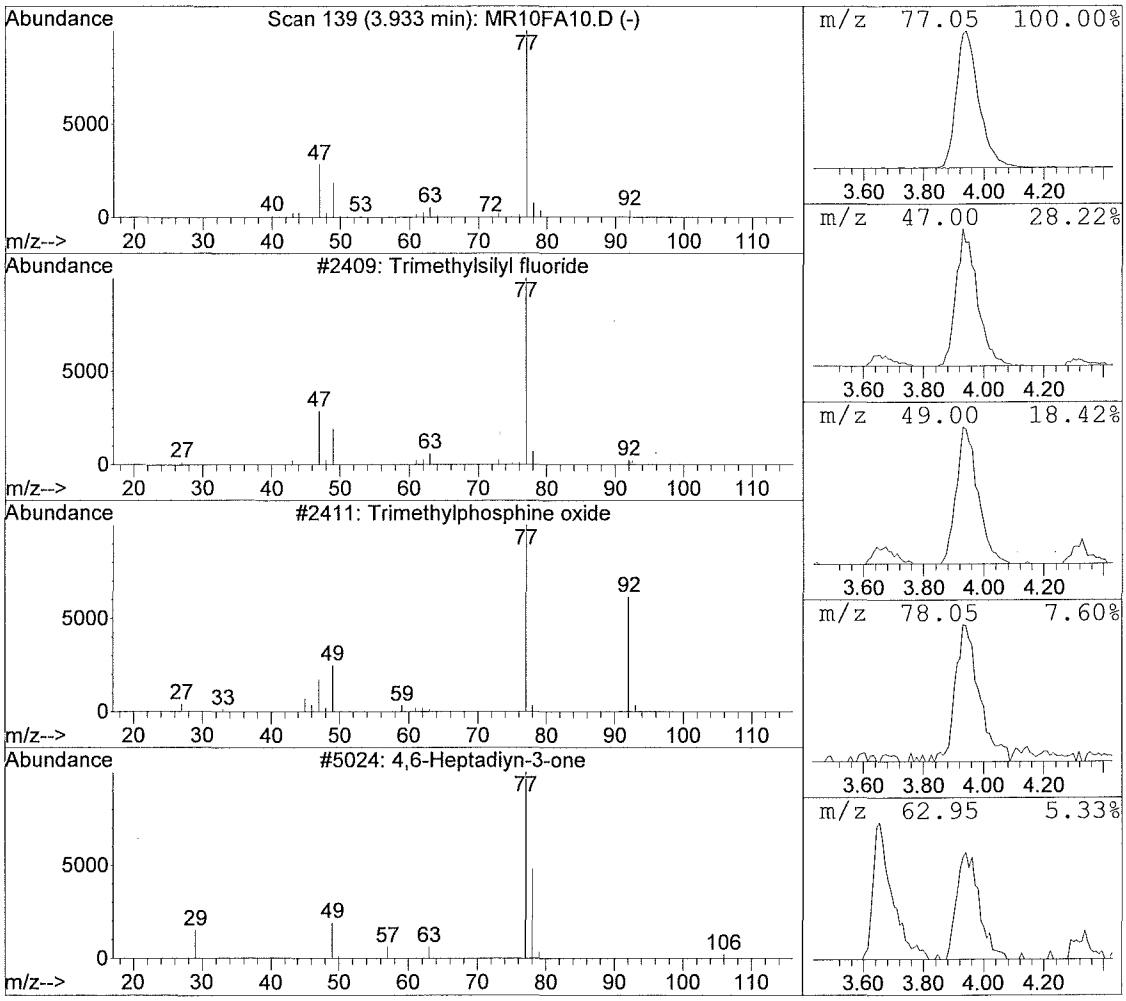
Data File : J:\M\2012\JAN12M\10JAN12M\MR10FA10.D
Acq Time : 01/10/2012 19:11 Operator: JAG
Sample : 1200528009 F5A10 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.93	1.24 ug/L	1388384	1,4-Difluorobenzene	5599546

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Trimethylsilyl fluoride	2409	000420-56-4	91.00
2	Trimethylphosphine oxide	2411	000676-96-0	38.00
3	4,6-Heptadiyn-3-one	5024	029743-27-9	9.00
4	Silanediol, dimethyl-	2383	001066-42-8	4.00
5	3,5-Hexadiyn-2-one	2430	031097-80-0	4.00

-CB



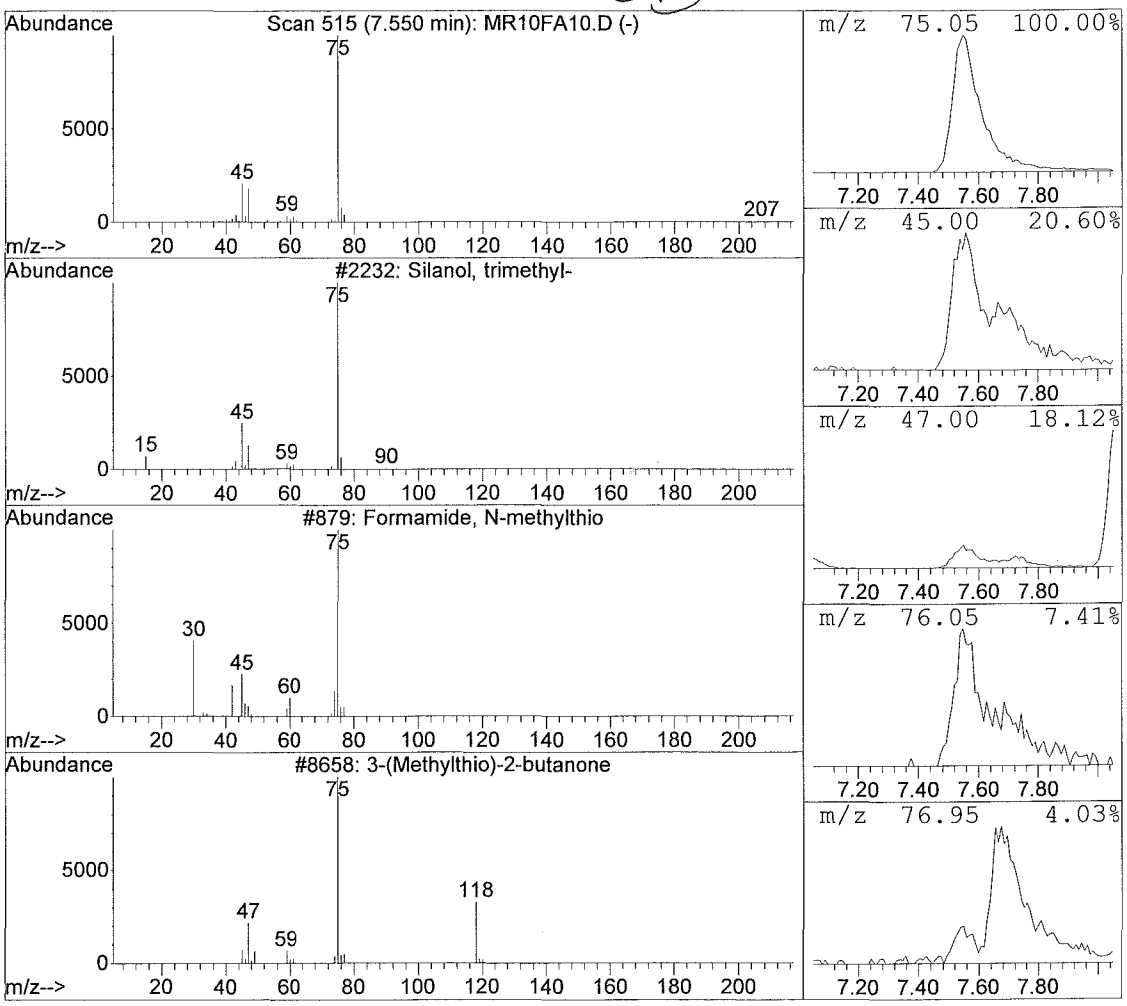
Library Search Compound Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR10FA10.D
Acq Time : 01/10/2012 19:11 Operator: JAG
Sample : 1200528009 F5A10 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
7.55	0.73 ug/L	819449	1,4-Difluorobenzene	5599546

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Silanol, trimethyl-	2232	001066-40-6	83.00
2	Formamide, N-methylthio	879	018952-41-5	56.00
3	3-(Methylthio)-2-butanone	8658	053475-15-3	50.00
4	Ethane, 1,1'-oxybis[2,2-dimethoxy-	55179	078082-46-9	40.00
5	Hexanoic acid, trimethylsilyl ester CB	50806	014246-15-2	40.00



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A11

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR11FA11

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A11

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR11FA11

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.72	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.14	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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

EPA SAMPLE NO.

F5A11

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR11FA11

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

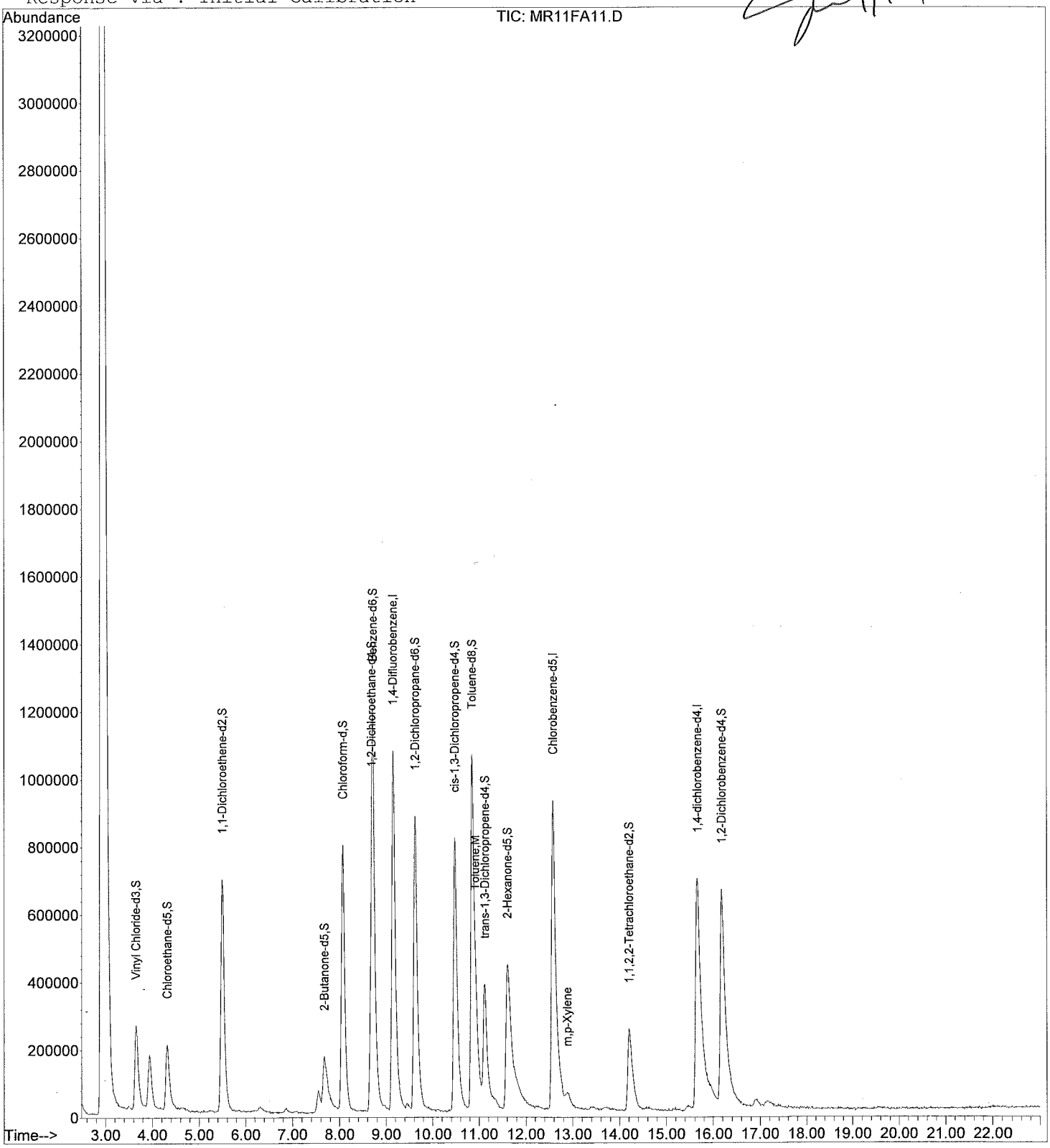
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR11FA11.D
Acq Time : 01/10/2012 19:43 Operator: JAG
Sample : 1200528010 F5A11 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:42 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00118

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR11FA11.D
Acq Time : 01/10/2012 19:43 Operator: JAG
Sample : 1200528010 F5A11 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:42 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.16	114	2144447	5.0000 ug/L	83.48
28) Chlorobenzene-d5	12.59	117	1739329	5.0000 ug/L	81.72
60) 1,4-dichlorobenzene-d4	15.66	152	979167	5.0000 ug/L	81.76
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.66	65	675185	6.7340 ug/L	134.68%#
8) Chloroethane-d5	4.32	69	584173	5.6771 ug/L	113.54%
11) 1,1-Dichloroethene-d2	5.49	63	1552350	4.1221 ug/L	82.44%
22) 2-Butanone-d5	7.67	46	883078	47.6215 ug/L	95.24%
25) Chloroform-d	8.07	84	1460283	4.9929 ug/L	99.86%
27) 1,2-Dichloroethane-d4	8.67	65	589356	4.5721 ug/L	91.44%
33) Benzene-d6	8.71	84	2143017	5.1336 ug/L	102.67%
37) 1,2-Dichloropropane-d6	9.62	67	1120305	4.7825 ug/L	95.65%
40) cis-1,3-Dichloropropene-d4	10.47	79	1347244	4.9864 ug/L	99.73%
42) trans-1,3-Dichloropropene-	11.11	79	603266	4.7254 ug/L	94.51%
47) Toluene-d8	10.85	98	1938973	5.0947 ug/L	101.89%
50) 2-Hexanone-d5	11.60	63	649734	45.0253 ug/L	90.05%
59) 1,1,2,2-Tetrachloroethane-	14.19	84	451137	5.2081 ug/L	104.16%
65) 1,2-Dichlorobenzene-d4	16.18	152	805526	5.0070 ug/L	100.14%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

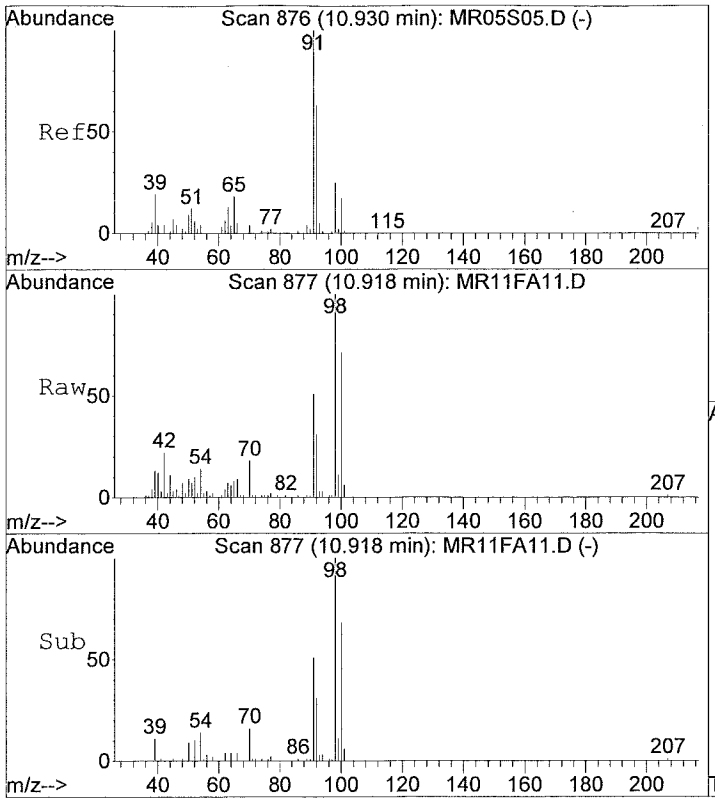
Data File : J:\M\2012\JAN12M\10JAN12M\MR11FA11.D
Acq Time : 01/10/2012 19:43 Operator: JAG
Sample : 1200528010 F5A11 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 13:42 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	10.92	91	312238	0.7175 ug/L	97
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	12.88	106	32514	0.1437 ug/L	74
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

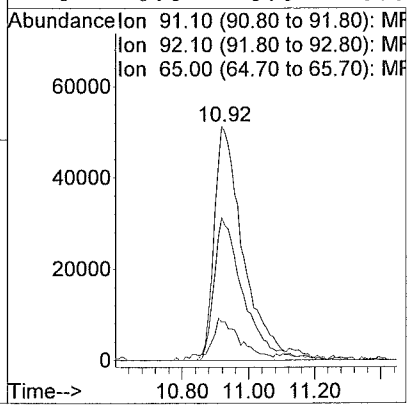
(#) = qualifier out of range (m) = manual integration

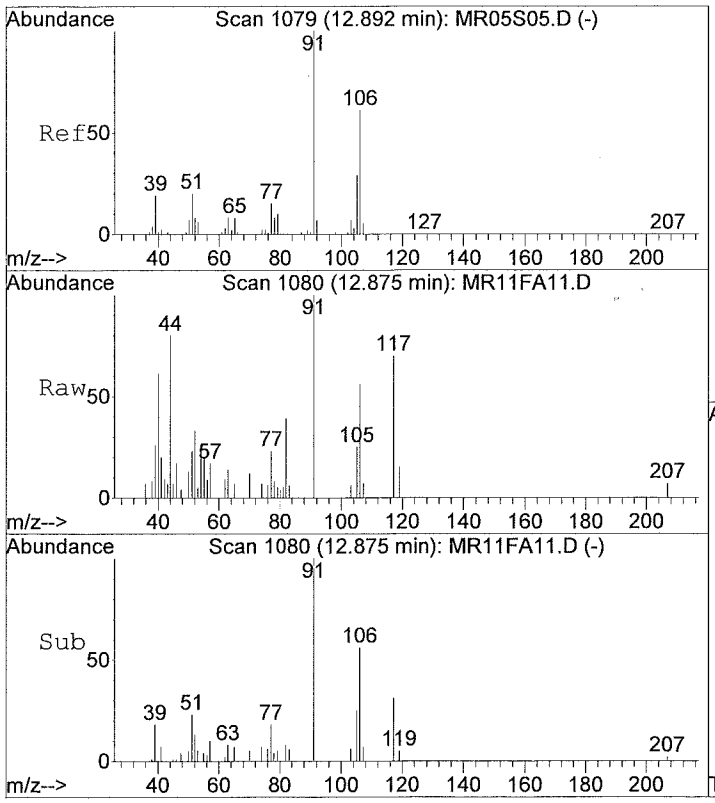


#46
Toluene
Concen: 0.72 ug/L
RT: 10.92 min Scan# 877
Delta R.T. -0.01 min
Lab File: MR11FA11.D
Acq: 01/10/2012 19:43

Tgt Ion:91.1 Resp: 312238

Ion	Ratio	Lower	Upper
91	100		
92	60.9	50.6	76.0
65	17.6	14.2	21.2
0	0.0	0.0	0.0

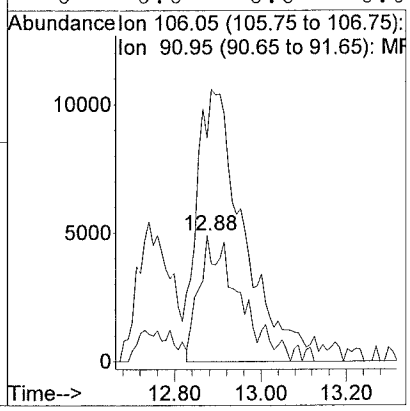




#54
m,p-Xylene
Concen: 0.14 ug/L
RT: 12.88 min Scan# 1080
Delta R.T. -0.02 min
Lab File: MR11FA11.D
Acq: 01/10/2012 19:43

Tgt Ion:106.05 Resp: 32514

Ion	Ratio	Lower	Upper
106	100		
91	255.2	171.3	256.9
0	0.0	0.0	0.0
0	0.0	0.0	0.0

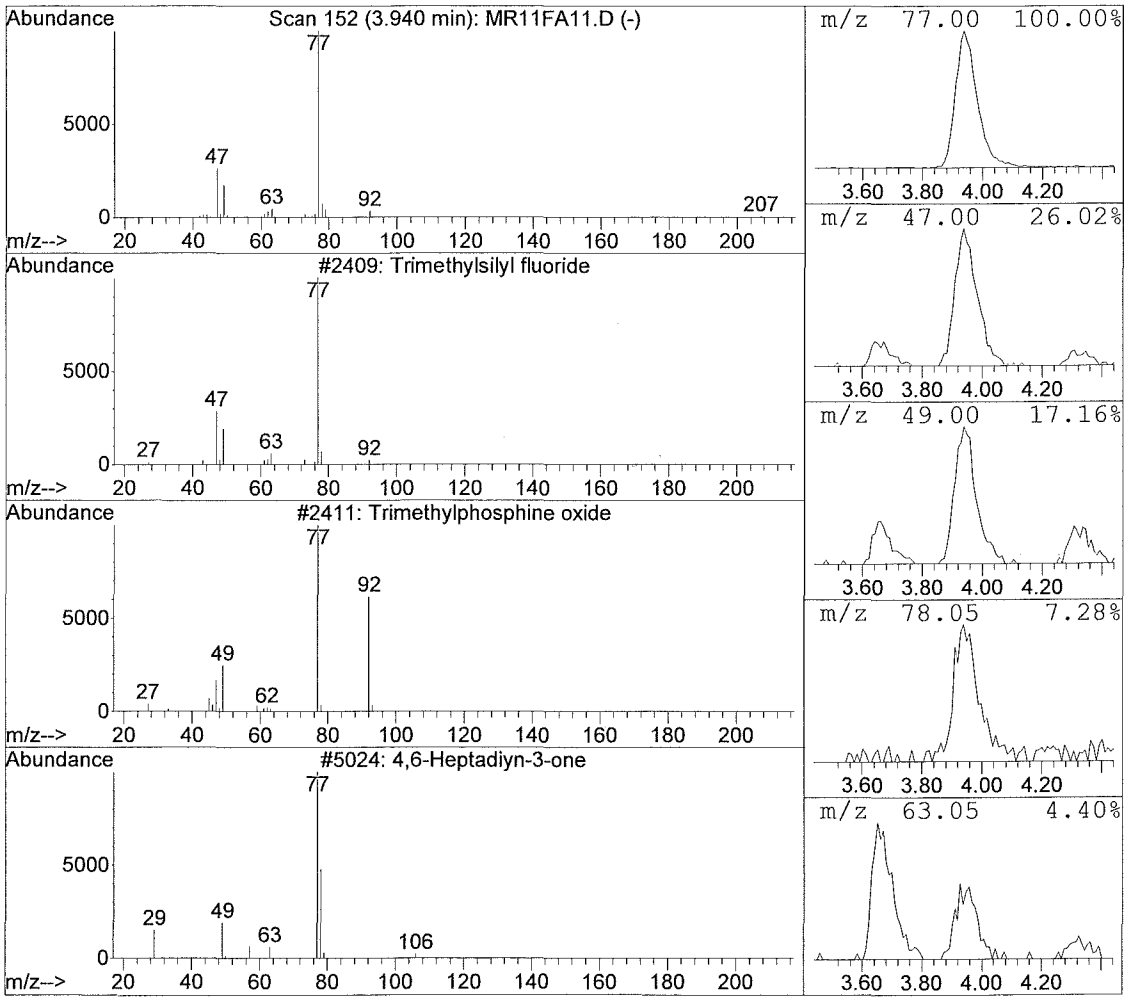


Data File : J:\M\2012\JAN12M\10JAN12M\MR11FA11.D
Acq Time : 01/10/2012 19:43 Operator: JAG
Sample : 1200528010 F5A11 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Library : C:\DATABASE\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.94	0.72 ug/L	825018	1,4-Difluorobenzene	5733124

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Trimethylsilyl fluoride	2409	000420-56-4	91.00
2	Trimethylphosphine oxide	2411	000676-96-0	9.00
3	4,6-Heptadiyn-3-one	5024	029743-27-9	9.00
4	Silane, ethylfluorodimethyl-	4956	010132-71-5	4.00
5	Trimethylsilyl trifluoroacetate CB	49214	000400-53-3	4.00



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A21

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR16FA21

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F5A21

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR16FA21

Level: (TRACE/LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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

EPA SAMPLE NO.

F5A21

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 1200528011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR16FA21

Level: (TRACE or LOW/MED) TRACE Date Received: 01/05/2012

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

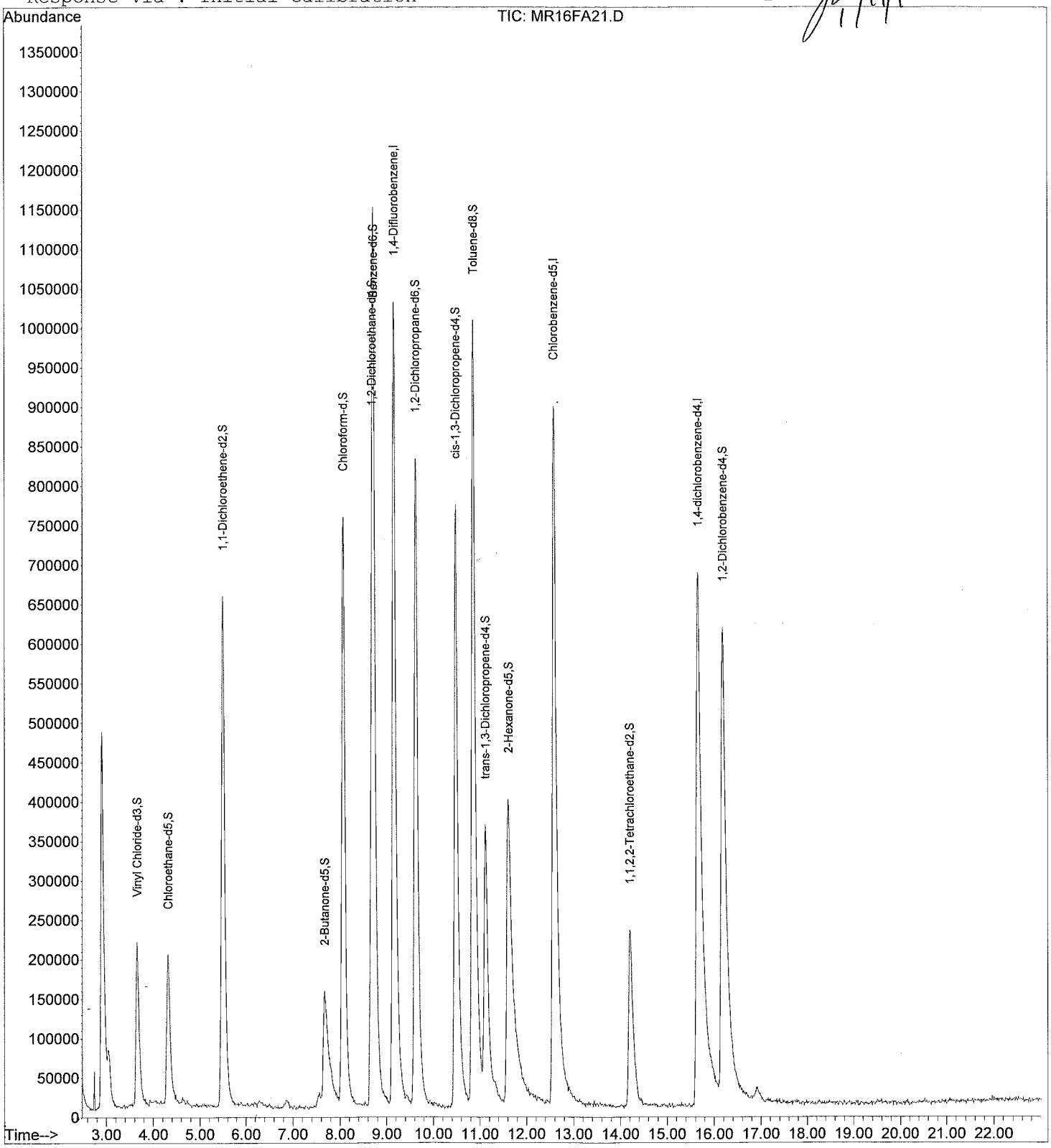
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR16FA21.D
Acq Time : 01/10/2012 22:20 Operator: JAG
Sample : 1200528011 F5A21 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 16:19 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration

1/19/12



00126

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR16FA21.D
Acq Time : 01/10/2012 22:20 Operator: JAG
Sample : 1200528011 F5A21 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 16:19 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2114716	5.0000 ug/L	82.32
28) Chlorobenzene-d5	12.57	117	1689957	5.0000 ug/L	79.40
60) 1,4-dichlorobenzene-d4	15.65	152	963722	5.0000 ug/L	80.47
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	610897	6.1785 ug/L	123.57%
8) Chloroethane-d5	4.32	69	553404	5.4537 ug/L	109.07%
11) 1,1-Dichloroethene-d2	5.49	63	1455339	3.9188 ug/L	78.38%
22) 2-Butanone-d5	7.67	46	818979	44.7858 ug/L	89.57%
25) Chloroform-d	8.07	84	1384682	4.8010 ug/L	96.02%
27) 1,2-Dichloroethane-d4	8.67	65	560828	4.4119 ug/L	88.24%
33) Benzene-d6	8.71	84	2040326	5.0304 ug/L	100.61%
37) 1,2-Dichloropropane-d6	9.62	67	1039342	4.5665 ug/L	91.33%
40) cis-1,3-Dichloropropene-d4	10.47	79	1255395	4.7822 ug/L	95.64%
42) trans-1,3-Dichloropropene-	11.11	79	578463	4.6635 ug/L	93.27%
47) Toluene-d8	10.85	98	1859324	5.0282 ug/L	100.56%
50) 2-Hexanone-d5	11.61	63	552490	39.4050 ug/L	78.81%
59) 1,1,2,2-Tetrachloroethane-	14.21	84	417702	4.9630 ug/L	99.26%
65) 1,2-Dichlorobenzene-d4	16.17	152	791259	4.9971 ug/L	99.94%

Target Compounds				Qvalue
2) Dichlorodifluoromethane	0.00	85	Not Detected	
3) Chloromethane	0.00	50	Not Detected	
4) Vinyl Chloride	0.00	62	Not Detected	
6) Bromomethane	0.00	94	Not Detected	
7) Chloroethane	0.00	64	Not Detected	
9) Trichlorofluoromethane	0.00	101	Not Detected	
10) 1,1-Dichloroethene	0.00	96	Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101	Not Detected	
13) Acetone	0.00	43	Not Detected	
14) Carbon Disulfide	0.00	76	Not Detected	
15) Methyl Acetate	0.00	43	Not Detected	
16) Methylene Chloride	0.00	84	Not Detected	
17) trans-1,2-Dichloroethene	0.00	96	Not Detected	
18) tert-Butyl Methyl Ether	0.00	73	Not Detected	
19) 1,1-Dichloroethane	0.00	63	Not Detected	
20) cis-1,2-Dichloroethene	0.00	96	Not Detected	
21) 2-Butanone	0.00	43	Not Detected	
23) Bromochloromethane	0.00	128	Not Detected	
24) Chloroform	0.00	83	Not Detected	
26) 1,2-Dichloroethane	0.00	62	Not Detected	
29) 1,1,1-Trichloroethane	0.00	97	Not Detected	
30) Cyclohexane	0.00	56	Not Detected	
31) Carbon Tetrachloride	0.00	117	Not Detected	
32) Benzene	0.00	78	Not Detected	
34) Trichloroethene	0.00	95	Not Detected	
35) Methylcyclohexane	0.00	55	Not Detected	
36) 1,2-Dichloropropane	0.00	63	Not Detected	
38) Bromodichloromethane	0.00	83	Not Detected	
39) cis-1,3-Dichloropropene	0.00	75	Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR16FA21.D
Acq Time : 01/10/2012 22:20 Operator: JAG
Sample : 1200528011 F5A21 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 16:19 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:29 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

6A - FORM VI VOA-1
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date(s): 08/13/2011 08/14/2011

Heated Purge: (Y/N) N Calibration Time(s): 22:20 00:36

Purge Volume: 25.0 (mL)

GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

LAB FILE ID: _____ RRF0.5 = MG65SZ5 RRF1.0 = MG64S01
RRF5.0 = MG63S05 RRF10 = MG67S10 RRF20 = MG66S20

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Dichlorodifluoromethane	0.240	0.197	0.241	0.196	0.194	0.214	11.6
Chloromethane	0.326	0.284	0.306	0.253	0.254	0.285	11.2
Vinyl chloride	0.319	0.266	0.323	0.270	0.261	0.288	10.7
Bromomethane	0.256	0.229	0.218	0.199	0.197	0.220	11.1
Chloroethane	0.252	0.216	0.225	0.199	0.193	0.217	10.7
Trichlorofluoromethane	0.603	0.458	0.559	0.492	0.485	0.519	11.5
1,1-Dichloroethene	0.261	0.212	0.249	0.225	0.218	0.233	9.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.505	0.407	0.502	0.441	0.425	0.456	9.8
Acetone	0.029	0.016	0.019	0.018	0.018	0.020	26.4
Carbon disulfide	0.883	0.775	0.873	0.785	0.758	0.815	7.2
Methyl acetate	0.055	0.074	0.062	0.088	0.079	0.072	18.3
Methylene chloride	0.289	0.256	0.230	0.218	0.214	0.241	13.0
trans-1,2-Dichloroethene	0.277	0.244	0.258	0.242	0.237	0.252	6.4
Methyl tert-butyl ether	0.460	0.439	0.411	0.408	0.411	0.426	5.4
1,1-Dichloroethane	0.910	0.831	0.826	0.764	0.753	0.817	7.7
cis-1,2-Dichloroethene	0.326	0.334	0.323	0.308	0.303	0.319	4.0
2-Butanone	0.035	0.038	0.041	0.044	0.040	0.040	7.9
Bromochloromethane	0.144	0.140	0.140	0.141	0.138	0.141	1.4
Chloroform	0.737	0.674	0.655	0.619	0.627	0.662	7.1
1,1,1-Trichloroethane	0.772	0.660	0.733	0.682	0.676	0.705	6.6
Cyclohexane	1.013	0.754	0.945	0.798	0.741	0.850	14.3
Carbon tetrachloride	0.720	0.578	0.725	0.657	0.650	0.666	9.1
Benzene	1.344	1.227	1.260	1.166	1.138	1.227	6.6
1,2-Dichloroethane	0.361	0.361	0.339	0.339	0.338	0.348	3.5
Trichloroethene	0.499	0.446	0.480	0.443	0.433	0.460	6.1
Methylcyclohexane	0.951	0.680	0.859	0.715	0.672	0.775	16.0

Report 1,4-Dioxane for Low-Medium VOA analysis only

6B - FORM VI VOA-2
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date(s): 08/13/2011 08/14/2011

Heated Purge: (Y/N) N Calibration Time(s): 22:20 00:36

Purge Volume: 25.0 (mL)

GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

LAB FILE ID: _____ RRF0.5 = MG65SZ5 RRF1.0 = MG64S01
RRF5.0 = MG63S05 RRF10 = MG67S10 RRF20 = MG66S20

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
1,2-Dichloropropane	0.747	0.640	0.642	0.546	0.572	0.629	12.4
Bromodichloromethane	0.734	0.653	0.665	0.637	0.647	0.667	5.8
cis-1,3-Dichloropropene	0.633	0.620	0.624	0.602	0.587	0.613	3.0
4-Methyl-2-Pentanone	0.192	0.194	0.184	0.187	0.179	0.187	3.1
Toluene	1.359	1.214	1.277	1.222	1.182	1.251	5.5
trans-1,3-Dichloropropene	0.420	0.412	0.407	0.419	0.413	0.414	1.3
1,1,2-Trichloroethane	0.196	0.203	0.198	0.197	0.191	0.197	2.1
Tetrachloroethene	0.523	0.467	0.501	0.471	0.465	0.485	5.2
2-Hexanone	0.077	0.097	0.114	0.117	0.117	0.105	16.7
Dibromochloromethane	0.471	0.426	0.440	0.446	0.450	0.447	3.7
1,2-Dibromoethane	0.271	0.258	0.264	0.274	0.271	0.268	2.4
Chlorobenzene	0.981	0.916	0.883	0.863	0.845	0.898	6.0
Ethylbenzene	1.386	1.212	1.371	1.291	1.250	1.302	5.8
o-Xylene	0.584	0.563	0.565	0.537	0.527	0.555	4.1
m,p-Xylene	0.678	0.597	0.687	0.655	0.635	0.650	5.5
Styrene	0.794	0.703	0.811	0.808	0.803	0.784	5.8
Bromoform	0.391	0.399	0.409	0.410	0.406	0.403	2.0
Isopropylbenzene	1.807	1.621	1.818	1.693	1.654	1.718	5.2
1,1,2,2-Tetrachloroethane	0.262	0.232	0.232	0.238	0.237	0.240	5.3
1,3-Dichlorobenzene	0.863	0.920	0.960	1.013	0.978	0.947	6.1
1,4-Dichlorobenzene	2.186	2.167	1.975	1.857	1.779	1.993	9.1
1,2-Dichlorobenzene	1.109	1.228	1.283	1.276	1.219	1.223	5.7
1,2-Dibromo-3-chloropropane	0.100	0.077	0.076	0.082	0.080	0.083	11.8
1,2,4-Trichlorobenzene	0.579	0.637	0.684	0.692	0.673	0.653	7.1
1,2,3-Trichlorobenzene	0.559	0.471	0.413	0.463	0.438	0.469	11.8

6C - FORM VI VOA-3
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date(s): 08/13/2011 08/14/2011

Heated Purge: (Y/N) N Calibration Time(s): 22:20 00:36

Purge Volume: 25.0 (mL)

GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

LAB FILE ID: _____ RRF0.5 = MG65SZ5 RRF1.0 = MG64S01
RRF5.0 = MG63S05 RRF10 = MG67S10 RRF20 = MG66S20

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Vinyl chloride-d3	0.258	0.225	0.254	0.222	0.210	0.234	9.0
Chloroethane-d5	0.258	0.246	0.246	0.231	0.218	0.240	6.6
1,1-Dichloroethene-d2	0.939	0.857	0.915	0.861	0.818	0.878	5.5
2-Butanone-d5	0.036	0.043	0.042	0.048	0.047	0.043	11.0
Chloroform-d	0.686	0.709	0.680	0.679	0.656	0.682	2.7
1,2-Dichloroethane-d4	0.316	0.305	0.298	0.295	0.289	0.301	3.5
Benzene-d6	1.261	1.191	1.219	1.208	1.121	1.200	4.3
1,2-Dichloropropane-d6	0.729	0.675	0.683	0.661	0.619	0.673	5.9
Toluene-d8	1.072	1.109	1.130	1.115	1.044	1.094	3.2
trans-1,3-Dichloropropene-d4	0.374	0.362	0.359	0.379	0.362	0.367	2.5
2-Hexanone-d5	0.029	0.034	0.045	0.051	0.050	0.041	23.6
1,1,2,2-Tetrachloroethane-d2	0.247	0.248	0.243	0.260	0.247	0.249	2.5
1,2-Dichlorobenzene-d4	0.931	0.799	0.782	0.837	0.759	0.822	8.2

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

Quantitation Report

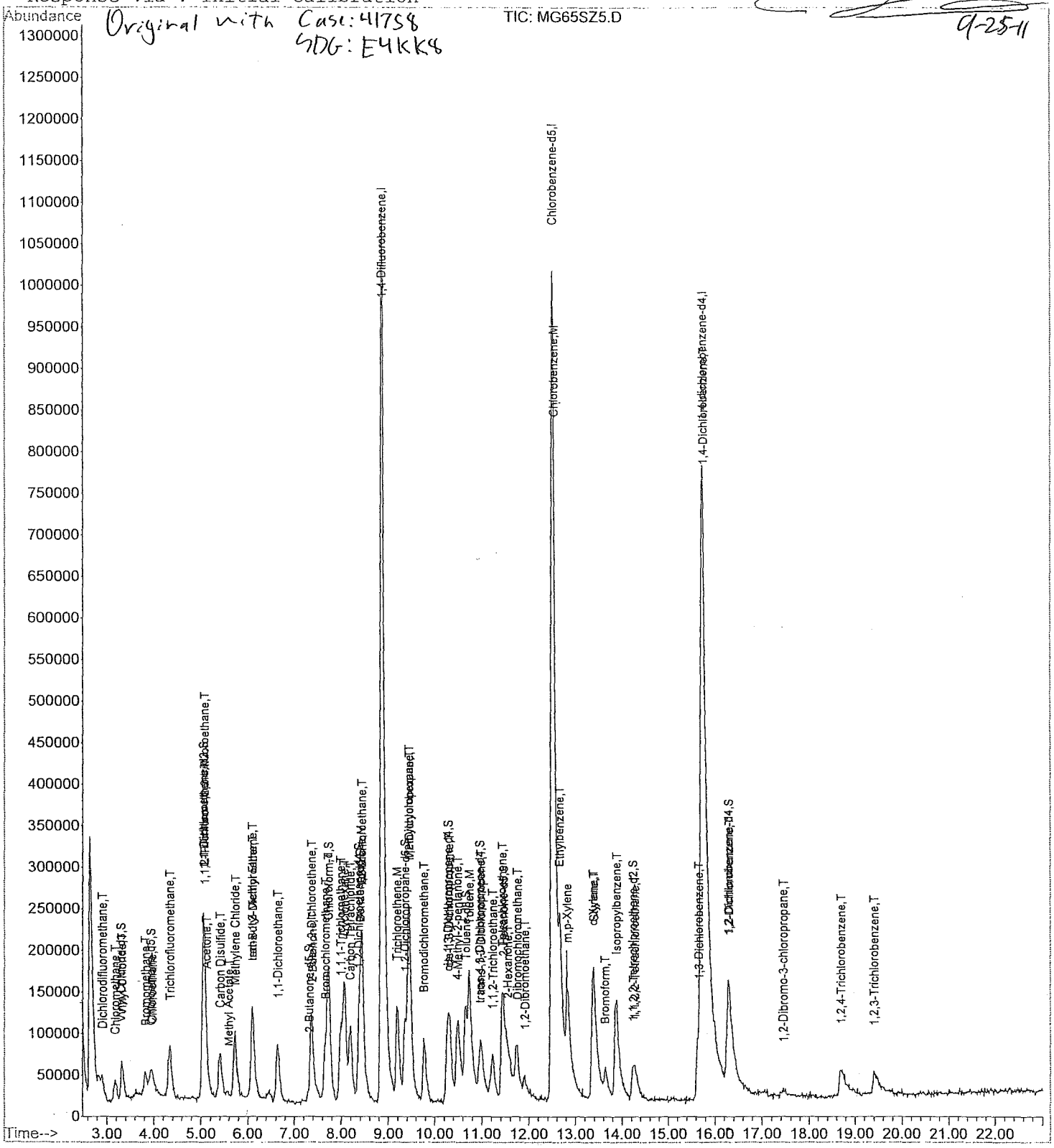
Data File : J:\M\2011\AUG11M\13AUG11M\MG65SZ5.D
Acq Time : 08/13/2011 23:31 Operator: MTG
Sample : VSTD0.5TM VSTD0.5TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration

Original with Case: 41758
SDG: E4KK8

9-25-11



00132

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG65SZ5.D
Acq Time : 08/13/2011 23:31 Operator: MTG
Sample : VSTD0.5TM VSTD0.5TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc	Units	Area%
1) 1,4-Difluorobenzene	8.86	114	2201527	5.0000	ug/L	0.00
28) Chlorobenzene-d5	12.50	117	1824799	5.0000	ug/L	0.00
60) 1,4-dichlorobenzene-d4	15.73	152	1035610	5.0000	ug/L	0.00
System Monitoring Compounds						**%Recovery**
5) Vinyl Chloride-d3	3.30	65	56744	0.5080	ug/L	10.16%#
8) Chloroethane-d5	3.92	69	56861	0.5241	ug/L	10.48%#
11) 1,1-Dichloroethene-d2	5.06	63	206704	0.5131	ug/L	10.26%#
22) 2-Butanone-d5	7.31	46	79498	4.3320	ug/L	8.66%#
25) Chloroform-d	7.72	84	150979	0.5043	ug/L	10.09%#
27) 1,2-Dichloroethane-d4	8.36	65	69646	0.5314	ug/L	10.63%#
33) Benzene-d6	8.39	84	230054	0.5169	ug/L	10.34%#
37) 1,2-Dichloropropane-d6	9.36	67	133018	0.5333	ug/L	10.67%#
40) cis-1,3-Dichloropropene-d4	10.28	79	141092	0.4955	ug/L	9.91%
42) trans-1,3-Dichloropropene-	10.95	79	68191	0.5211	ug/L	10.42%#
47) Toluene-d8	10.66	98	195678	0.4745	ug/L	9.49%#
50) 2-Hexanone-d5	11.47	63	52106	3.1814	ug/L	6.36%#
59) 1,1,2,2-Tetrachloroethane-	14.23	84	45096	0.5087	ug/L	10.17%#
65) 1,2-Dichlorobenzene-d4	16.29	152	96416	0.5953	ug/L	11.91%#
Target Compounds						**Qvalue**
2) Dichlorodifluoromethane	2.90	85	52814	0.4969	ug/L #	96
3) Chloromethane	3.17	50	71712	0.5317	ug/L	95
4) Vinyl Chloride	3.32	62	70268	0.4934	ug/L	95
6) Bromomethane	3.81	94	56410	0.5865	ug/L	93
7) Chloroethane	3.97	64	55434	0.5601	ug/L	97
9) Trichlorofluoromethane	4.34	101	132770	0.5395	ug/L	100
10) 1,1-Dichloroethene	5.08	96	57411	0.5242	ug/L	88
12) 1,1,2-Trichloro-1,2,2-trif	5.09	101	111155	0.5030	ug/L	91
13) Acetone	5.12	43	64413	7.8644	ug/L #	69
14) Carbon Disulfide	5.39	76	194370	0.5054	ug/L	89
15) Methyl Acetate	5.60	43	12132	0.4425	ug/L #	89
16) Methylene Chloride	5.73	84	63687	0.6296	ug/L	97
17) trans-1,2-Dichloroethene	6.10	96	60991	0.5378	ug/L	93
18) tert-Butyl Methyl Ether	6.10	73	101358	0.5599	ug/L	80
19) 1,1-Dichloroethane	6.64	63	200249	0.5507	ug/L	99
20) cis-1,2-Dichloroethene	7.37	96	71760	0.5039	ug/L	89
21) 2-Butanone	7.40	43	77692	4.2539	ug/L	97
23) Bromochloromethane	7.66	128	31658	0.5150	ug/L #	32
24) Chloroform	7.74	83	162358	0.5634	ug/L	93
26) 1,2-Dichloroethane	8.45	62	79451	0.5321	ug/L #	97
29) 1,1,1-Trichloroethane	7.99	97	140957	0.5266	ug/L	99
30) Cyclohexane	8.06	56	184855	0.5360	ug/L	92
31) Carbon Tetrachloride	8.20	117	131446	0.4967	ug/L	97
32) Benzene	8.44	78	245180	0.5333	ug/L #	81
34) Trichloroethene	9.20	95	91083	0.5201	ug/L	98
35) Methylcyclohexane	9.44	55	173542	0.5535	ug/L	91
36) 1,2-Dichloropropane	9.46	63	136284	0.5821	ug/L	91
38) Bromodichloromethane	9.77	83	134015	0.5521	ug/L	99
39) cis-1,3-Dichloropropene	10.32	75	115547	0.5077	ug/L	90

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

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG65SZ5.D
Acq Time : 08/13/2011 23:31 Operator: MTG
Sample : VSTD0.5TM VSTD0.5TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	trans-1,3-Dichloropropene	10.99	75	76732	0.5170 ug/L	#	98
43)	1,1,2-Trichloroethane	11.24	97	35796	0.4955 ug/L		88
44)	Dibromochloromethane	11.75	129	85987	0.5355 ug/L	#	92
45)	4-Methyl-2-pentanone	10.48	43	350183	5.2015 ug/L		96
46)	Toluene	10.74	91	248029	0.5322 ug/L		99
48)	Tetrachloroethene	11.43	164	95371	0.5215 ug/L		96
49)	2-Hexanone	11.56	43	140937	3.3773 ug/L	#	51
51)	1,2-Dibromoethane	11.91	107	49529	0.5132 ug/L	#	97
52)	Chlorobenzene	12.54	112	179034	0.5555 ug/L		96
53)	Ethylbenzene	12.67	91	252987	0.5057 ug/L		97
54)	m,p-Xylene	12.83	106	123674	0.4932 ug/L		91
55)	o-Xylene	13.37	106	106527	0.5162 ug/L		98
56)	Styrene	13.39	104	144965	0.4898 ug/L		97
57)	Isopropylbenzene	13.87	105	329727	0.4970 ug/L		99
58)	1,1,2,2-Tetrachloroethane	14.29	83	47882	0.5662 ug/L		87
61)	Bromoform	13.63	173	40462	0.4775 ug/L	#	95
62)	1,3-Dichlorobenzene	15.65	146	89404	0.4496 ug/L	#	86
63)	1,4-Dichlorobenzene	15.76	146	226342	0.5533 ug/L	#	64
64)	1,2-Dichlorobenzene	16.31	146	114861	0.4322 ug/L	#	92
66)	1,2-Dibromo-3-chloropropan	17.43	75	10347	0.6560 ug/L		65
67)	1,2,4-Trichlorobenzene	18.69	180	59985	0.4232 ug/L		98
68)	1,2,3-Trichlorobenzene	19.41	180	57938	0.6766 ug/L		86

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

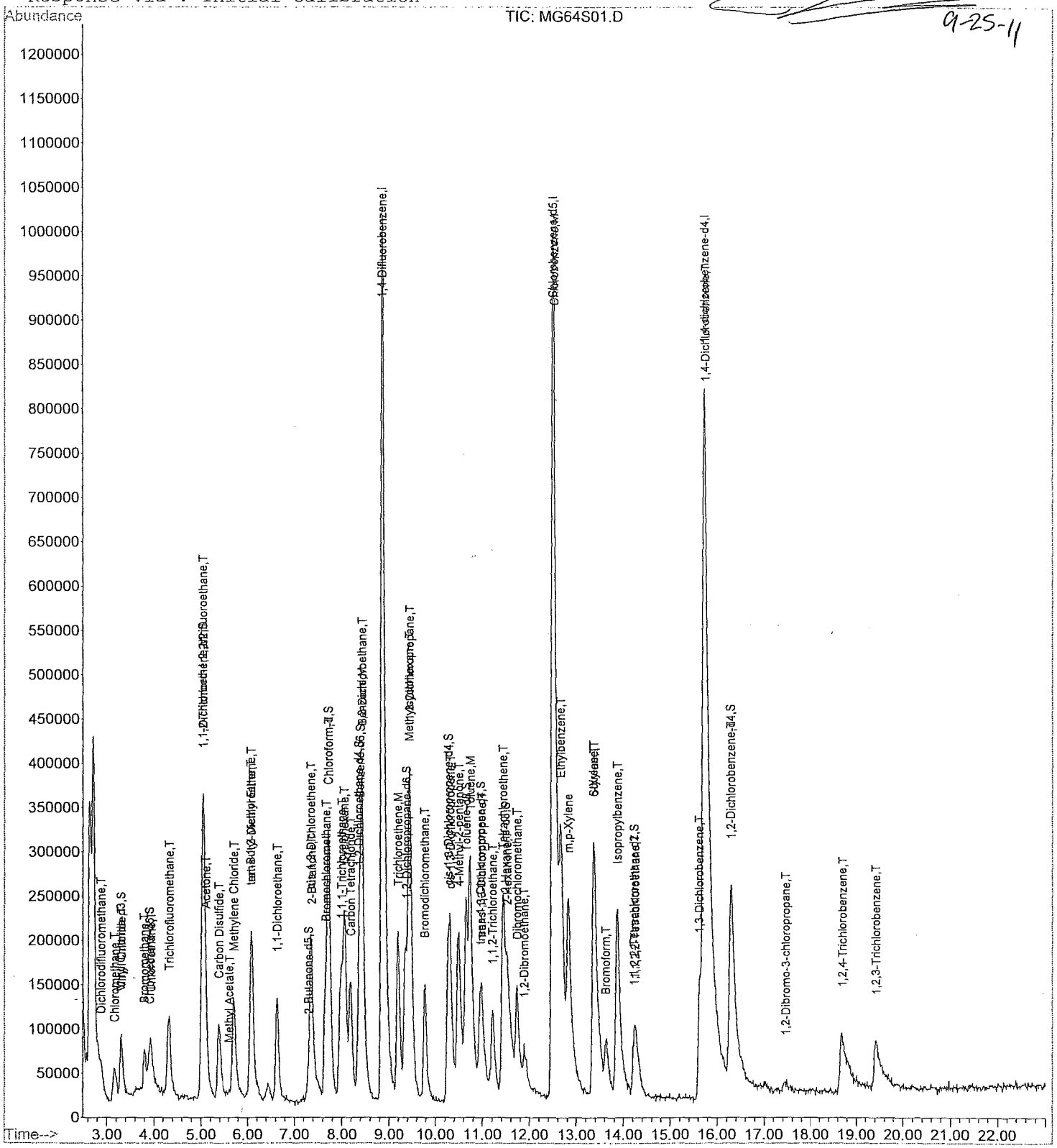
Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG64S01.D
Acq Time : 08/13/2011 23:00 Operator: MTG
Sample : VSTD001TM VSTD001TM 5 ug/L CCAL Inst : 5971-M
Misc : 12290, 92, 93 Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration

9-25-11



Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG64S01.D
Acq Time : 08/13/2011 23:00 Operator: MTG
Sample : VSTD001TM VSTD001TM 5 ug/L CCAL Inst : 5971-M
Misc : 12290, 92, 93 Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	8.85	114	2074834	5.0000 ug/L	0.00
28) Chlorobenzene-d5	12.50	117	1747514	5.0000 ug/L	0.00
60) 1,4-dichlorobenzene-d4	15.72	152	979339	5.0000 ug/L	0.00
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.29	65	93484	0.8880 ug/L	17.76%#
8) Chloroethane-d5	3.89	69	102184	0.9993 ug/L	19.99%#
11) 1,1-Dichloroethene-d2	5.04	63	355834	0.9373 ug/L	18.75%#
22) 2-Butanone-d5	7.29	46	179970	10.4057 ug/L	20.81%#
25) Chloroform-d	7.71	84	294113	1.0425 ug/L	20.85%#
27) 1,2-Dichloroethane-d4	8.35	65	126488	1.0240 ug/L	20.48%#
33) Benzene-d6	8.38	84	416177	0.9765 ug/L	19.53%#
37) 1,2-Dichloropropane-d6	9.36	67	235776	0.9871 ug/L	19.74%#
40) cis-1,3-Dichloropropene-d4	10.27	79	272197	0.9983 ug/L	19.97%
42) trans-1,3-Dichloropropene-	10.95	79	126417	1.0088 ug/L	20.18%#
47) Toluene-d8	10.65	98	387716	0.9818 ug/L	19.64%#
50) 2-Hexanone-d5	11.48	63	118365	7.5465 ug/L	15.09%#
59) 1,1,2,2-Tetrachloroethane-	14.22	84	86779	1.0222 ug/L	20.44%#
65) 1,2-Dichlorobenzene-d4	16.28	152	156540	1.0221 ug/L	20.44%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.88	85	81909	0.8177 ug/L #	95
3) Chloromethane	3.15	50	117974	0.9281 ug/L	97
4) Vinyl Chloride	3.30	62	110409	0.8226 ug/L	92
6) Bromomethane	3.80	94	95068	1.0488 ug/L	91
7) Chloroethane	3.93	64	89766	0.9624 ug/L	96
9) Trichlorofluoromethane	4.32	101	190081	0.8195 ug/L	94
10) 1,1-Dichloroethene	5.05	96	88045	0.8530 ug/L	79
12) 1,1,2-Trichloro-1,2,2-trif	5.05	101	168950	0.8113 ug/L	95
13) Acetone	5.11	43	65302	8.4598 ug/L	98
14) Carbon Disulfide	5.38	76	321720	0.8877 ug/L	90
15) Methyl Acetate	5.61	43	30761	1.1906 ug/L	98
16) Methylene Chloride	5.70	84	106264	1.1147 ug/L	94
17) trans-1,2-Dichloroethene	6.07	96	101081	0.9457 ug/L	97
18) tert-Butyl Methyl Ether	6.07	73	182247	1.0682 ug/L	89
19) 1,1-Dichloroethane	6.63	63	344980	1.0067 ug/L	98
20) cis-1,2-Dichloroethene	7.36	96	138562	1.0323 ug/L	96
21) 2-Butanone	7.38	43	158567	9.2122 ug/L #	75
23) Bromochloromethane	7.66	128	58292	1.0061 ug/L #	36
24) Chloroform	7.72	83	279815	1.0303 ug/L	92
26) 1,2-Dichloroethane	8.44	62	149705	1.0639 ug/L	97
29) 1,1,1-Trichloroethane	7.99	97	230838	0.9006 ug/L	95
30) Cyclohexane	8.06	56	263578	0.7980 ug/L #	87
31) Carbon Tetrachloride	8.19	117	201953	0.7969 ug/L	97
32) Benzene	8.43	78	428955	0.9744 ug/L #	76
34) Trichloroethene	9.19	95	155729	0.9286 ug/L	98
35) Methylcyclohexane	9.42	55	237707	0.7917 ug/L #	87
36) 1,2-Dichloropropane	9.45	63	223718	0.9978 ug/L	95
38) Bromodichloromethane	9.77	83	228098	0.9813 ug/L	98
39) cis-1,3-Dichloropropene	10.33	75	216864	0.9951 ug/L	91

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

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG64S01.D
Acq Time : 08/13/2011 23:00 Operator: MTG
Sample : VSTD001TM VSTD001TM 5 ug/L CCAL Inst : 5971-M
Misc : 12290, 92, 93 Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	10.99	75	144004	1.0131 ug/L	86
43)	1,1,2-Trichloroethane	11.21	97	70852	1.0242 ug/L	94
44)	Dibromochloromethane	11.73	129	148955	0.9687 ug/L	98
45)	4-Methyl-2-pentanone	10.49	43	677447	10.5076 ug/L	97
46)	Toluene	10.74	91	424391	0.9509 ug/L	97
48)	Tetrachloroethene	11.43	164	163231	0.9320 ug/L	98
49)	2-Hexanone	11.52	43	338533	8.4711 ug/L #	92
51)	1,2-Dibromoethane	11.90	107	90094	0.9747 ug/L #	95
52)	Chlorobenzene	12.53	112	320169	1.0374 ug/L	96
53)	Ethylbenzene	12.67	91	423563	0.8841 ug/L	99
54)	m,p-Xylene	12.82	106	208699	0.8691 ug/L	86
55)	o-Xylene	13.36	106	196943	0.9966 ug/L	92
56)	Styrene	13.38	104	245703	0.8668 ug/L	88
57)	Isopropylbenzene	13.87	105	566554	0.8917 ug/L	99
58)	1,1,2,2-Tetrachloroethane	14.25	83	81119	1.0017 ug/L	84
61)	Bromoform	13.62	173	78114	0.9747 ug/L #	94
62)	1,3-Dichlorobenzene	15.63	146	180105	0.9577 ug/L #	89
63)	1,4-Dichlorobenzene	15.76	146	424430	1.0972 ug/L #	80
64)	1,2-Dichlorobenzene	16.29	146	240615	0.9573 ug/L #	86
66)	1,2-Dibromo-3-chloropropan	17.46	75	15076	1.0108 ug/L #	78
67)	1,2,4-Trichlorobenzene	18.70	180	124740	0.9307 ug/L	91
68)	1,2,3-Trichlorobenzene	19.43	180	92158	1.1381 ug/L #	74

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

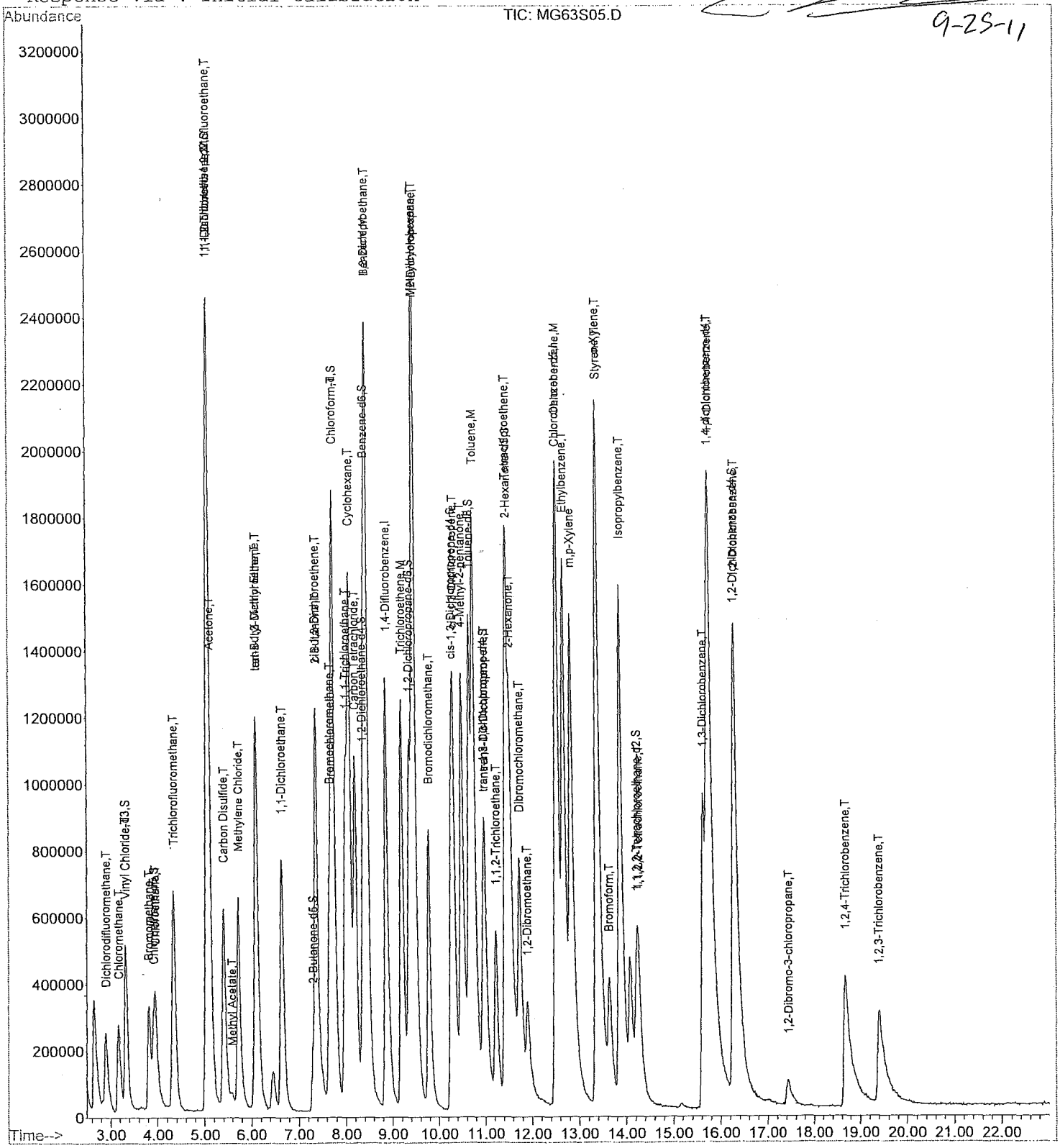
Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG63S05.D
Acq Time : 08/13/2011 22:20 Operator: MTG
Sample : VSTD005TM VSTD005TM 5 ug/L CCAL Inst : 5971-M
Misc : BFBTM 5 uL 12289, 90; 2 uL 12057 Multiplr: 1.00

Quant Time: Sep 25 23:51 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration

9-25-11



00138

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG63S05.D
Acq Time : 08/13/2011 22:20 Operator: MTG
Sample : VSTD005TM VSTD005TM 5 ug/L CCAL Inst : 5971-M
Misc : BFBTM 5 uL 12289, 90; 2 uL 12057 Multiplr: 1.00

Quant Time: Sep 25 23:51 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETG

Internal Standards	R.T.	QIon	Response	Conc	Units		Area%
1) 1,4-Difluorobenzene	8.87	114	2568945	5.0000	ug/L		0.00
28) Chlorobenzene-d5	12.50	117	2128308	5.0000	ug/L		0.00
60) 1,4-dichlorobenzene-d4	15.72	152	1197578	5.0000	ug/L		0.00
System Monitoring Compounds							**%Recovery**
5) Vinyl Chloride-d3	3.32	65	651739	5.0000	ug/L		100.00%
8) Chloroethane-d5	3.91	69	633052	5.0000	ug/L		100.00%
11) 1,1-Dichloroethene-d2	5.05	63	2350215	5.0000	ug/L		100.00%
22) 2-Butanone-d5	7.29	46	1070705	50.0000	ug/L		100.00%
25) Chloroform-d	7.72	84	1746622	5.0000	ug/L		100.00%
27) 1,2-Dichloroethane-d4	8.35	65	764673	5.0000	ug/L		100.00%
33) Benzene-d6	8.38	84	2595411	5.0000	ug/L		100.00%
37) 1,2-Dichloropropane-d6	9.35	67	1454479	5.0000	ug/L		100.00%
40) cis-1,3-Dichloropropene-d4	10.27	79	1660418	5.0000	ug/L		100.00%
42) trans-1,3-Dichloropropene-	10.95	79	763080	5.0000	ug/L		100.00%
47) Toluene-d8	10.65	98	2404868	5.0000	ug/L		100.00%
50) 2-Hexanone-d5	11.46	63	955127	50.0000	ug/L		100.00%
59) 1,1,2,2-Tetrachloroethane-	14.22	84	516986	5.0000	ug/L		100.00%
65) 1,2-Dichlorobenzene-d4	16.26	152	936439	5.0000	ug/L		100.00%
Target Compounds							**Qvalue**
2) Dichlorodifluoromethane	2.89	85	620138	5.0000	ug/L	#	99
3) Chloromethane	3.17	50	786915	5.0000	ug/L		98
4) Vinyl Chloride	3.33	62	830873	5.0000	ug/L		99
6) Bromomethane	3.81	94	561168	5.0000	ug/L		100
7) Chloroethane	3.96	64	577403	5.0000	ug/L		93
9) Trichlorofluoromethane	4.34	101	1435933	5.0000	ug/L		100
10) 1,1-Dichloroethene	5.07	96	638990	5.0000	ug/L		85
12) 1,1,2-Trichloro-1,2,2-trif	5.08	101	1289273	5.0000	ug/L		95
13) Acetone	5.13	43	477869	50.0000	ug/L		100
14) Carbon Disulfide	5.41	76	2243684	5.0000	ug/L		100
15) Methyl Acetate	5.59	43	159952	5.0000	ug/L	#	86
16) Methylene Chloride	5.72	84	590162	5.0000	ug/L		95
17) trans-1,2-Dichloroethene	6.10	96	661696	5.0000	ug/L		99
18) tert-Butyl Methyl Ether	6.09	73	1056189	5.0000	ug/L		98
19) 1,1-Dichloroethane	6.65	63	2121501	5.0000	ug/L		99
20) cis-1,2-Dichloroethene	7.37	96	830962	5.0000	ug/L		100
21) 2-Butanone	7.38	43	1065593	50.0000	ug/L		99
23) Bromochloromethane	7.66	128	358670	5.0000	ug/L	#	38
24) Chloroform	7.74	83	1681393	5.0000	ug/L		92
26) 1,2-Dichloroethane	8.44	62	871152	5.0000	ug/L		95
29) 1,1,1-Trichloroethane	8.00	97	1560870	5.0000	ug/L		99
30) Cyclohexane	8.08	56	2011388	5.0000	ug/L		90
31) Carbon Tetrachloride	8.19	117	1543184	5.0000	ug/L		97
32) Benzene	8.43	78	2680813	5.0000	ug/L	#	79
34) Trichloroethene	9.20	95	1021192	5.0000	ug/L		98
35) Methylcyclohexane	9.43	55	1828427	5.0000	ug/L		92
36) 1,2-Dichloropropane	9.46	63	1365368	5.0000	ug/L		88
38) Bromodichloromethane	9.77	83	1415513	5.0000	ug/L		99
39) cis-1,3-Dichloropropene	10.31	75	1327098	5.0000	ug/L		93

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

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG63S05.D
Acq Time : 08/13/2011 22:20 Operator: MTG
Sample : VSTD005TM VSTD005TM 5 ug/L CCAL Inst : 5971-M
Misc : BFBTM 5 uL 12289, 90; 2 uL 12057 Multiplr: 1.00

Quant Time: Sep 25 23:51 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETG

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) trans-1,3-Dichloropropene	10.98	75	865575	5.0000 ug/L	97
43) 1,1,2-Trichloroethane	11.22	97	421279	5.0000 ug/L	96
44) Dibromochloromethane	11.74	129	936330	5.0000 ug/L	95
45) 4-Methyl-2-pentanone	10.48	43	3926057	50.0000 ug/L	97
46) Toluene	10.74	91	2717643	5.0000 ug/L	99
48) Tetrachloroethene	11.43	164	1066520	5.0000 ug/L	99
49) 2-Hexanone	11.52	43	2433582	50.0000 ug/L	98
51) 1,2-Dibromoethane	11.90	107	562854	5.0000 ug/L	94
52) Chlorobenzene	12.53	112	1879450	5.0000 ug/L	92
53) Ethylbenzene	12.66	91	2917339	5.0000 ug/L	100
54) m,p-Xylene	12.82	106	1462318	5.0000 ug/L	99
55) o-Xylene	13.37	106	1203377	5.0000 ug/L	97
56) Styrene	13.39	104	1726044	5.0000 ug/L	96
57) Isopropylbenzene	13.86	105	3868968	5.0000 ug/L	99
58) 1,1,2,2-Tetrachloroethane	14.27	83	493153	5.0000 ug/L	95
61) Bromoform	13.64	173	489982	5.0000 ug/L	96
62) 1,3-Dichlorobenzene	15.64	146	1149878	5.0000 ug/L	98
63) 1,4-Dichlorobenzene	15.76	146	2365228	5.0000 ug/L	98
64) 1,2-Dichlorobenzene	16.29	146	1536727	5.0000 ug/L	99
66) 1,2-Dibromo-3-chloropropan	17.43	75	91197	5.0000 ug/L	98
67) 1,2,4-Trichlorobenzene	18.68	180	819505	5.0000 ug/L	99
68) 1,2,3-Trichlorobenzene	19.41	180	495097	5.0000 ug/L	87

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

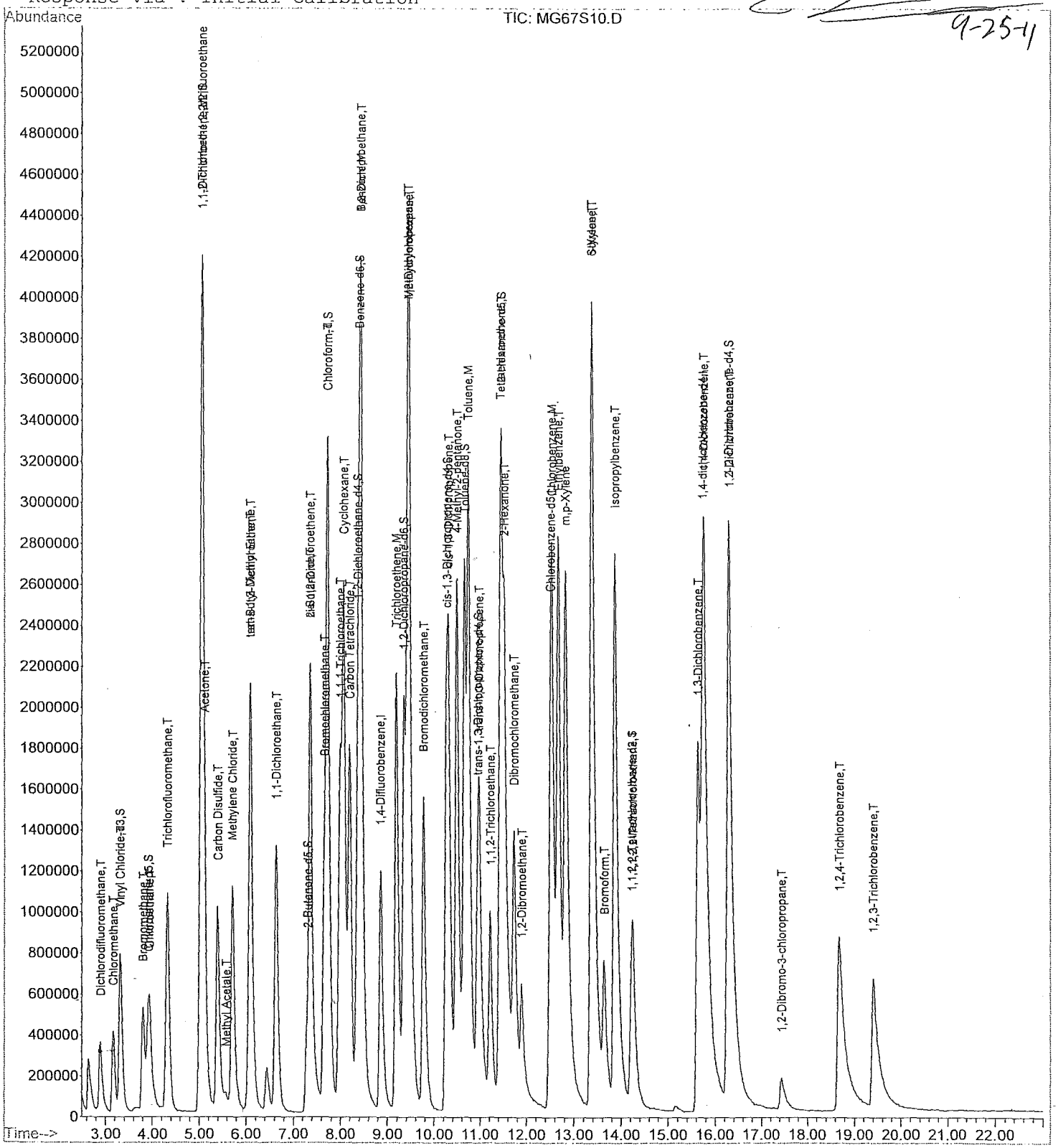
Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG67S10.D
Acq Time : 08/14/2011 00:36 Operator: MTG
Sample : VSTD010TM VSTD010TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration

9-25-11



00141

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG67S10.D
Acq Time : 08/14/2011 00:36 Operator: MTG
Sample : VSTD010TM VSTD010TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	8.86	114	2391856	5.0000 ug/L	0.00
28) Chlorobenzene-d5	12.50	117	1985201	5.0000 ug/L	0.00
60) 1,4-dichlorobenzene-d4	15.72	152	1169214	5.0000 ug/L	0.00
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.30	65	1064284	8.7695 ug/L	175.39%#
8) Chloroethane-d5	3.90	69	1104152	9.3665 ug/L	187.33%#
11) 1,1-Dichloroethene-d2	5.04	63	4119594	9.4132 ug/L	188.26%#
22) 2-Butanone-d5	7.30	46	2283149	114.5128 ug/L	229.03%#
25) Chloroform-d	7.71	84	3247001	9.9833 ug/L	199.67%#
27) 1,2-Dichloroethane-d4	8.35	65	1413047	9.9236 ug/L	198.47%#
33) Benzene-d6	8.39	84	4796973	9.9074 ug/L	198.15%#
37) 1,2-Dichloropropane-d6	9.34	67	2626061	9.6783 ug/L	193.57%#
40) cis-1,3-Dichloropropene-d4	10.26	79	3150294	10.1703 ug/L	203.41%#
42) trans-1,3-Dichloropropene-	10.94	79	1506684	10.5841 ug/L	211.68%#
47) Toluene-d8	10.65	98	4425691	9.8648 ug/L	197.30%#
50) 2-Hexanone-d5	11.45	63	2007110	112.6445 ug/L	225.29%#
59) 1,1,2,2-Tetrachloroethane-	14.22	84	1030479	10.6847 ug/L	213.69%#
65) 1,2-Dichlorobenzene-d4	16.27	152	1956873	10.7020 ug/L	214.04%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.89	85	935676	8.1026 ug/L #	100
3) Chloromethane	3.16	50	1210532	8.2611 ug/L	98
4) Vinyl Chloride	3.32	62	1291092	8.3447 ug/L	99
6) Bromomethane	3.80	94	951487	9.1054 ug/L	99
7) Chloroethane	3.94	64	951710	8.8515 ug/L	93
9) Trichlorofluoromethane	4.32	101	2354173	8.8043 ug/L	99
10) 1,1-Dichloroethene	5.06	96	1075035	9.0348 ug/L	84
12) 1,1,2-Trichloro-1,2,2-trif	5.05	101	2111566	8.7953 ug/L	94
13) Acetone	5.12	43	872432	98.0421 ug/L	99
14) Carbon Disulfide	5.39	76	3755231	8.9880 ug/L	99
15) Methyl Acetate	5.58	43	419762	14.0930 ug/L	100
16) Methylene Chloride	5.72	84	1041760	9.4795 ug/L	93
17) trans-1,2-Dichloroethene	6.09	96	1159944	9.4139 ug/L	94
18) tert-Butyl Methyl Ether	6.07	73	1949598	9.9127 ug/L	98
19) 1,1-Dichloroethane	6.63	63	3653194	9.2474 ug/L	99
20) cis-1,2-Dichloroethene	7.35	96	1472493	9.5162 ug/L	99
21) 2-Butanone	7.36	43	2081353	104.8924 ug/L	99
23) Bromochloromethane	7.65	128	672512	10.0692 ug/L #	51
24) Chloroform	7.73	83	2962327	9.4614 ug/L	92
26) 1,2-Dichloroethane	8.44	62	1622527	10.0020 ug/L	93
29) 1,1,1-Trichloroethane	7.98	97	2706933	9.2963 ug/L	96
30) Cyclohexane	8.06	56	3166860	8.4398 ug/L	97
31) Carbon Tetrachloride	8.19	117	2608749	9.0618 ug/L	97
32) Benzene	8.43	78	4631202	9.2603 ug/L #	79
34) Trichloroethene	9.19	95	1758380	9.2301 ug/L	99
35) Methylcyclohexane	9.43	55	2838497	8.3217 ug/L	89
36) 1,2-Dichloropropane	9.45	63	2166413	8.5053 ug/L	88
38) Bromodichloromethane	9.77	83	2530808	9.5840 ug/L	97
39) cis-1,3-Dichloropropene	10.31	75	2389254	9.6507 ug/L	92

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

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG67S10.D
Acq Time : 08/14/2011 00:36 Operator: MTG
Sample : VSTD010TM VSTD010TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
41)	trans-1,3-Dichloropropene	10.98	75	1662173	10.2937	ug/L	98
43)	1,1,2-Trichloroethane	11.22	97	782045	9.9509	ug/L	93
44)	Dibromochloromethane	11.73	129	1771875	10.1439	ug/L	96
45)	4-Methyl-2-pentanone	10.47	43	7443480	101.6294	ug/L	98
46)	Toluene	10.74	91	4853373	9.5731	ug/L	97
48)	Tetrachloroethene	11.42	164	1871101	9.4043	ug/L	97
49)	2-Hexanone	11.52	43	4651742	102.4636	ug/L	99
51)	1,2-Dibromoethane	11.90	107	1086452	10.3470	ug/L	94
52)	Chlorobenzene	12.53	112	3427830	9.7766	ug/L	92
53)	Ethylbenzene	12.67	91	5125046	9.4170	ug/L	99
54)	m,p-Xylene	12.81	106	2598904	9.5268	ug/L	97
55)	o-Xylene	13.37	106	2133499	9.5037	ug/L	99
56)	Styrene	13.37	104	3207561	9.9615	ug/L	98
57)	Isopropylbenzene	13.86	105	6720347	9.3110	ug/L	99
58)	1,1,2,2-Tetrachloroethane	14.25	83	945359	10.2758	ug/L	98
61)	Bromoform	13.64	173	959618	10.0299	ug/L	96
62)	1,3-Dichlorobenzene	15.62	146	2368867	10.5504	ug/L	98
63)	1,4-Dichlorobenzene	15.75	146	4341620	9.4007	ug/L	99
64)	1,2-Dichlorobenzene	16.30	146	2984867	9.9474	ug/L	99
66)	1,2-Dibromo-3-chloropropan	17.43	75	191575	10.7582	ug/L	91
67)	1,2,4-Trichlorobenzene	18.67	180	1618599	10.1150	ug/L	95
68)	1,2,3-Trichlorobenzene	19.40	180	1082740	11.1999	ug/L	95

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

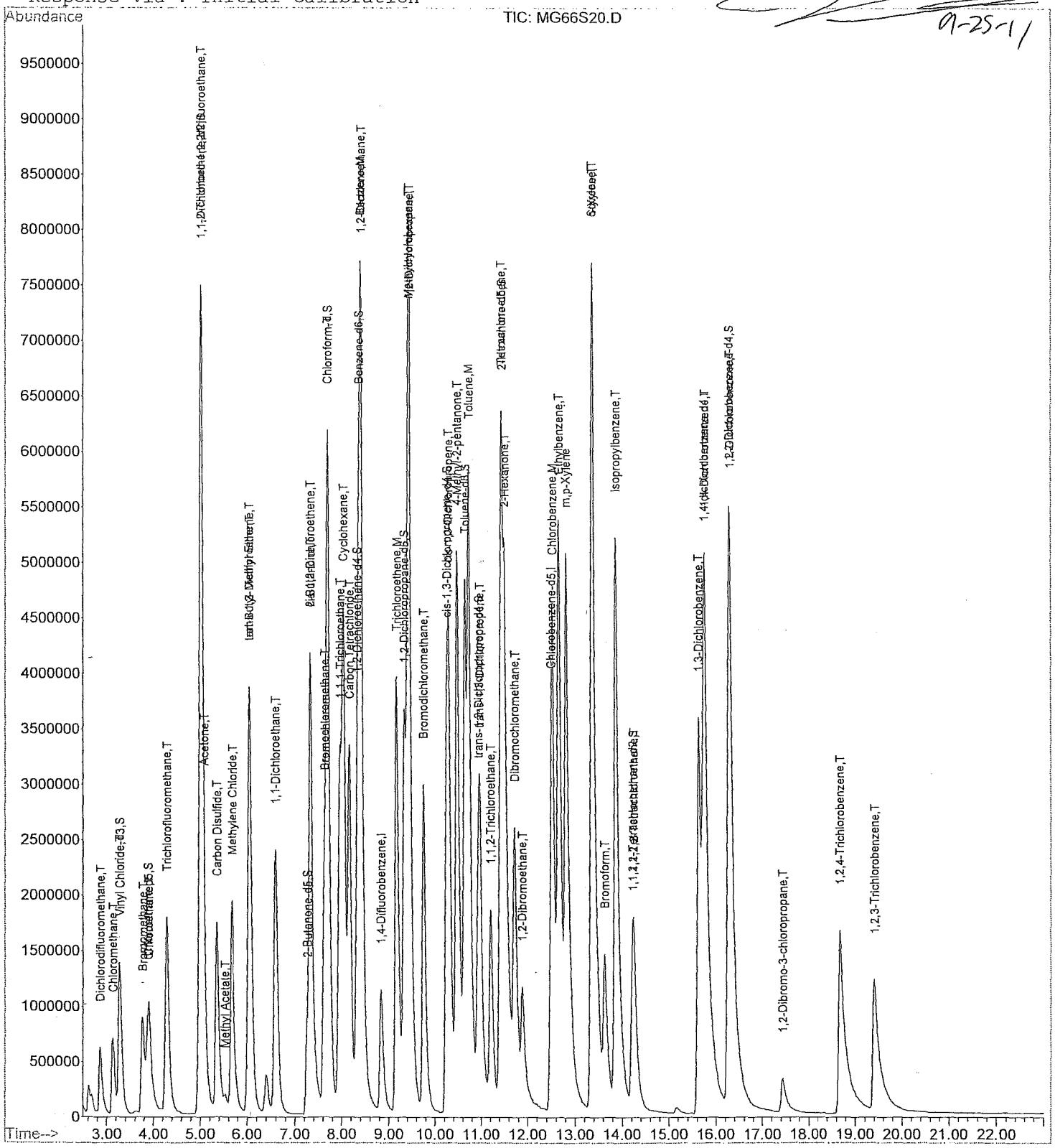
Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG66S20.D
Acq Time : 08/14/2011 00:05 Operator: MTG
Sample : VSTD020TM VSTD020TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration

9-25-11



00144

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG66S20.D
Acq Time : 08/14/2011 00:05 Operator: MTG
Sample : VSTD020TM VSTD020TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units		Area%
1) 1,4-Difluorobenzene	8.83	114	2269701	5.0000	ug/L	0.00
28) Chlorobenzene-d5	12.49	117	1912499	5.0000	ug/L	0.00
60) 1,4-dichlorobenzene-d4	15.73	152	1171528	5.0000	ug/L	0.00

System Monitoring Compounds						%Recovery
5) Vinyl Chloride-d3	3.27	65	1903709	16.5304	ug/L	330.61%#
8) Chloroethane-d5	3.87	69	1977732	17.6801	ug/L	353.60%#
11) 1,1-Dichloroethene-d2	5.00	63	7425772	17.8809	ug/L	357.62%#
22) 2-Butanone-d5	7.26	46	4293904	226.9544	ug/L	453.91%#
25) Chloroform-d	7.68	84	5959385	19.3090	ug/L	386.18%#
27) 1,2-Dichloroethane-d4	8.32	65	2619563	19.3869	ug/L	387.74%#
33) Benzene-d6	8.36	84	8576157	18.3861	ug/L	367.72%#
37) 1,2-Dichloropropane-d6	9.33	67	4732405	18.1041	ug/L	362.08%#
40) cis-1,3-Dichloropropene-d4	10.25	79	5797186	19.4269	ug/L	388.54%#
42) trans-1,3-Dichloropropene-	10.93	79	2765844	20.1679	ug/L	403.36%#
47) Toluene-d8	10.64	98	7986404	18.4784	ug/L	369.57%#
50) 2-Hexanone-d5	11.45	63	3791614	220.8850	ug/L	441.77%#
59) 1,1,2,2-Tetrachloroethane-	14.21	84	1890878	20.3511	ug/L	407.02%#
65) 1,2-Dichlorobenzene-d4	16.27	152	3554798	19.4025	ug/L	388.05%#

Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.86	85	1757964	16.0427	ug/L	#	99
3) Chloromethane	3.13	50	2309239	16.6072	ug/L		98
4) Vinyl Chloride	3.28	62	2365103	16.1091	ug/L		99
6) Bromomethane	3.76	94	1788902	18.0406	ug/L		100
7) Chloroethane	3.90	64	1756623	17.2169	ug/L		94
9) Trichlorofluoromethane	4.29	101	4403506	17.3548	ug/L		100
10) 1,1-Dichloroethene	5.02	96	1976046	17.5009	ug/L		84
12) 1,1,2-Trichloro-1,2,2-trif	5.02	101	3860208	16.9442	ug/L		93
13) Acetone	5.09	43	1658145	196.3676	ug/L		100
14) Carbon Disulfide	5.35	76	6877888	17.3480	ug/L		97
15) Methyl Acetate	5.53	43	720970	25.5084	ug/L		97
16) Methylene Chloride	5.68	84	1942930	18.6313	ug/L		92
17) trans-1,2-Dichloroethene	6.05	96	2151484	18.4008	ug/L		94
18) tert-Butyl Methyl Ether	6.04	73	3734975	20.0125	ug/L		98
19) 1,1-Dichloroethane	6.59	63	6832577	18.2263	ug/L		99
20) cis-1,2-Dichloroethene	7.33	96	2754469	18.7591	ug/L		97
21) 2-Butanone	7.33	43	3598231	191.0970	ug/L		96
23) Bromochloromethane	7.63	128	1255916	19.8163	ug/L	#	54
24) Chloroform	7.70	83	5691663	19.1569	ug/L		94
26) 1,2-Dichloroethane	8.42	62	3067680	19.9284	ug/L		93
29) 1,1,1-Trichloroethane	7.96	97	5167930	18.4227	ug/L		95
30) Cyclohexane	8.04	56	5666068	15.6743	ug/L		96
31) Carbon Tetrachloride	8.17	117	4974453	17.9362	ug/L		98
32) Benzene	8.41	78	8706977	18.0719	ug/L	#	79
34) Trichloroethene	9.17	95	3311065	18.0411	ug/L		99
35) Methylcyclohexane	9.41	55	5142939	15.6508	ug/L		88
36) 1,2-Dichloropropane	9.44	63	4376896	17.8369	ug/L		92
38) Bromodichloromethane	9.75	83	4947628	19.4485	ug/L		99
39) cis-1,3-Dichloropropene	10.29	75	4492418	18.8356	ug/L		92

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

Quantitation Report

Data File : J:\M\2011\AUG11M\13AUG11M\MG66S20.D
Acq Time : 08/14/2011 00:05 Operator: MTG
Sample : VSTD020TM VSTD020TM 5 ug/L CCAL Inst : 5971-M
Misc : Multiplr: 1.00

Quant Time: Sep 25 23:59 2011 Quant Results File: QUANT.RES

Method : C:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Tue Sep 06 16:13:25 2011
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
41)	trans-1,3-Dichloropropene	10.97	75	3162150	20.3274	ug/L	98
43)	1,1,2-Trichloroethane	11.20	97	1461521	19.3036	ug/L	98
44)	Dibromochloromethane	11.73	129	3442552	20.4576	ug/L	96
45)	4-Methyl-2-pentanone	10.47	43	13717174	194.4067	ug/L	97
46)	Toluene	10.72	91	9044945	18.5190	ug/L	97
48)	Tetrachloroethene	11.42	164	3557324	18.5591	ug/L	97
49)	2-Hexanone	11.51	43	8954714	204.7430	ug/L	99
51)	1,2-Dibromoethane	11.88	107	2071805	20.4812	ug/L	93
52)	Chlorobenzene	12.52	112	6464000	19.1370	ug/L	89
53)	Ethylbenzene	12.66	91	9564635	18.2425	ug/L	99
54)	m,p-Xylene	12.81	106	4861428	18.4980	ug/L	97
55)	o-Xylene	13.35	106	4029354	18.6310	ug/L	100
56)	Styrene	13.37	104	6143393	19.8043	ug/L	97
57)	Isopropylbenzene	13.85	105	12649703	18.1923	ug/L	99
58)	1,1,2,2-Tetrachloroethane	14.25	83	1815865	20.4883	ug/L	98
61)	Bromoform	13.63	173	1903696	19.8581	ug/L	99
62)	1,3-Dichlorobenzene	15.62	146	4582338	20.3684	ug/L	98
63)	1,4-Dichlorobenzene	15.75	146	8338565	18.0194	ug/L	97
64)	1,2-Dichlorobenzene	16.30	146	5712092	18.9985	ug/L	99
66)	1,2-Dibromo-3-chloropropan	17.44	75	373503	20.9332	ug/L	92
67)	1,2,4-Trichlorobenzene	18.68	180	3151513	19.6557	ug/L	98
68)	1,2,3-Trichlorobenzene	19.41	180	2052300	21.1871	ug/L	92

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

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/10/2012 Time: 16:12

Lab File ID: MR05S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005T1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.214	0.179	0.010	-16.3	40.0
Chloromethane	0.285	0.226	0.010	-20.6	40.0
Vinyl chloride	0.288	0.253	0.100	-12.2	30.0
Bromomethane	0.220	0.188	0.100	-14.5	30.0
Chloroethane	0.217	0.189	0.010	-12.8	40.0
Trichlorofluoromethane	0.519	0.538	0.010	3.5	40.0
1,1-Dichloroethene	0.233	0.218	0.100	-6.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.456	0.449	0.010	-1.6	40.0
Acetone	0.020	0.017	0.010	-12.9	40.0
Carbon disulfide	0.815	0.792	0.010	-2.8	40.0
Methyl acetate	0.072	0.073	0.010	2.4	40.0
Methylene chloride	0.241	0.192	0.010	-20.3	40.0
trans-1,2-Dichloroethene	0.252	0.231	0.010	-8.1	40.0
Methyl tert-butyl ether	0.426	0.351	0.010	-17.5	40.0
1,1-Dichloroethane	0.817	0.720	0.200	-11.9	30.0
cis-1,2-Dichloroethene	0.319	0.300	0.010	-6.1	40.0
2-Butanone	0.040	0.042	0.010	7.2	40.0
Bromochloromethane	0.141	0.132	0.050	-5.9	30.0
Chloroform	0.662	0.619	0.200	-6.6	30.0
1,1,1-Trichloroethane	0.705	0.686	0.100	-2.7	30.0
Cyclohexane	0.850	0.829	0.010	-2.5	40.0
Carbon tetrachloride	0.666	0.682	0.100	2.4	30.0
Benzene	1.227	1.131	0.400	-7.8	30.0
1,2-Dichloroethane	0.348	0.309	0.100	-11.2	30.0
Trichloroethene	0.460	0.464	0.300	0.8	30.0
Methylcyclohexane	0.775	0.766	0.010	-1.2	40.0

Report 1,4-Dioxane for Low-Medium VOA analysis only

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/10/2012 Time: 16:12

Lab File ID: MR05S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005T1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.629	0.570	0.010	-9.5	40.0
Bromodichloromethane	0.667	0.650	0.200	-2.6	30.0
cis-1,3-Dichloropropene	0.613	0.565	0.200	-7.9	30.0
4-Methyl-2-Pentanone	0.187	0.185	0.010	-1.2	40.0
Toluene	1.251	1.151	0.400	-8.0	30.0
trans-1,3-Dichloropropene	0.414	0.358	0.100	-13.6	30.0
1,1,2-Trichloroethane	0.197	0.192	0.100	-2.4	30.0
Tetrachloroethene	0.485	0.499	0.100	2.7	30.0
2-Hexanone	0.105	0.117	0.010	11.5	40.0
Dibromochloromethane	0.447	0.447	0.100	0.1	30.0
1,2-Dibromoethane	0.268	0.266	0.010	-0.7	40.0
Chlorobenzene	0.898	0.852	0.500	-5.1	30.0
Ethylbenzene	1.302	1.204	0.100	-7.5	30.0
o-Xylene	0.555	0.494	0.300	-11.1	30.0
m,p-Xylene	0.650	0.607	0.300	-6.7	30.0
Styrene	0.784	0.694	0.300	-11.4	30.0
Bromoform	0.403	0.419	0.050	4.0	30.0
Isopropylbenzene	1.718	1.603	0.010	-6.7	40.0
1,1,2,2-Tetrachloroethane	0.240	0.229	0.100	-4.8	30.0
1,3-Dichlorobenzene	0.947	0.885	0.400	-6.5	30.0
1,4-Dichlorobenzene	1.993	1.857	0.400	-6.8	30.0
1,2-Dichlorobenzene	1.223	1.242	0.400	1.6	30.0
1,2-Dibromo-3-chloropropane	0.083	0.083	0.010	-0.2	40.0
1,2,4-Trichlorobenzene	0.653	0.627	0.200	-4.1	30.0
1,2,3-Trichlorobenzene	0.469	0.399	0.200	-14.8	30.0

7C - FORM VII VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/10/2012 Time: 16:12

Lab File ID: MR05S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005T1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl chloride-d3	0.234	0.269	0.010	15.2	30.0
Chloroethane-d5	0.240	0.243	0.010	1.3	40.0
1,1-Dichloroethene-d2	0.878	0.856	0.010	-2.6	30.0
2-Butanone-d5	0.043	0.050	0.010	16.1	40.0
Chloroform-d	0.682	0.689	0.010	1.0	30.0
1,2-Dichloroethane-d4	0.301	0.287	0.010	-4.4	30.0
Benzene-d6	1.200	1.148	0.010	-4.4	30.0
1,2-Dichloropropane-d6	0.673	0.703	0.010	4.5	40.0
Toluene-d8	1.094	1.089	0.010	-0.5	30.0
trans-1,3-Dichloropropene-d4	0.367	0.362	0.010	-1.4	30.0
2-Hexanone-d5	0.041	0.047	0.010	12.7	40.0
1,1,2,2-Tetrachloroethane-d2	0.249	0.264	0.010	6.1	30.0
1,2-Dichlorobenzene-d4	0.822	0.821	0.010	-0.1	30.0

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

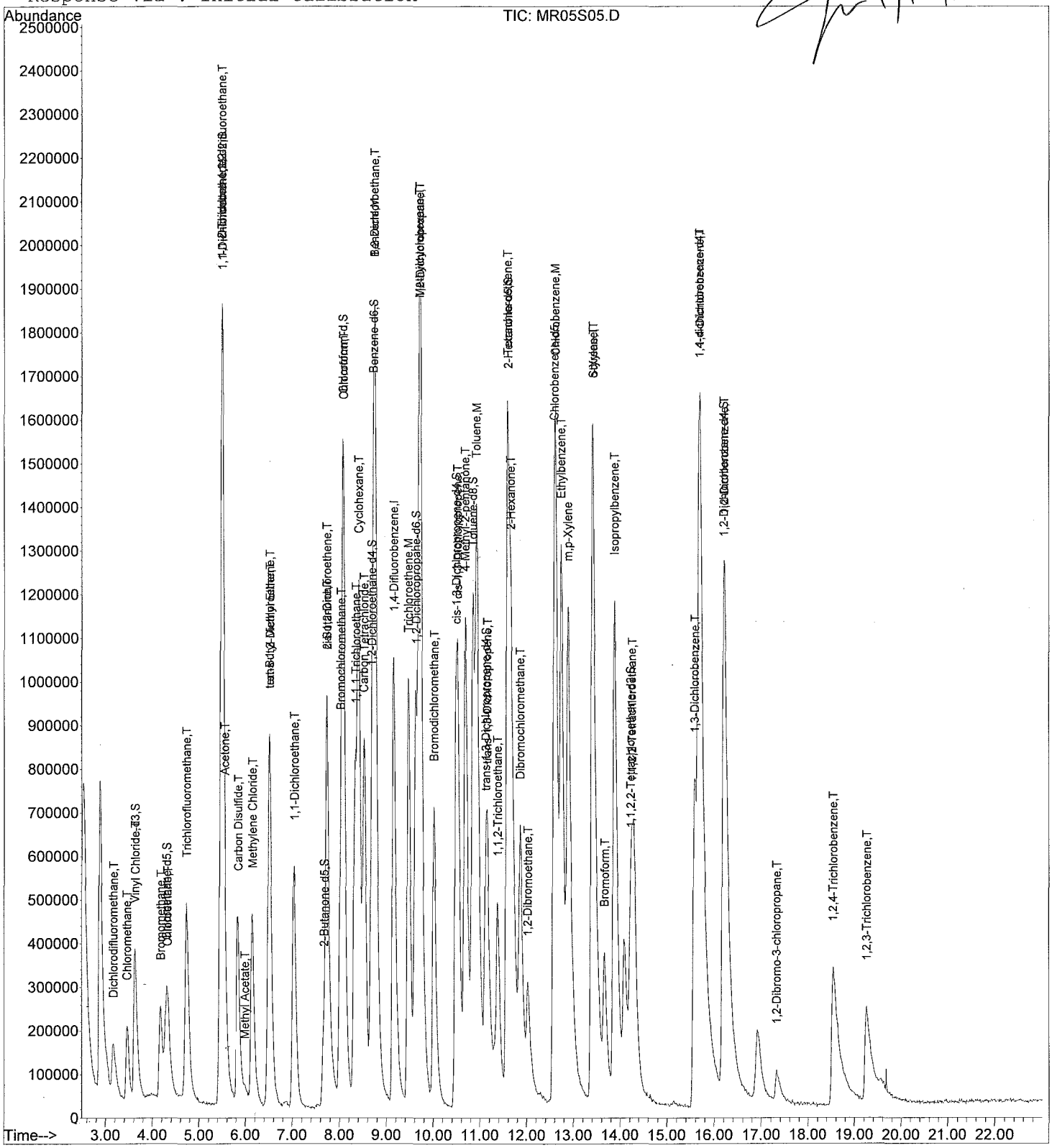
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR05S05.D
Acq Time : 01/10/2012 16:12 Operator: JAG
Sample : VSTD005T1 VSTD005T1 5 ug/L CCAL Inst : 5971-M
Misc : BFBT1 5uL 13732, 13637; 2uL 13273 Multiplr: 1.00

Quant Time: Jan 16 15:46 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration

1/19/12



00150

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR05S05.D
Acq Time : 01/10/2012 16:12 Operator: JAG
Sample : VSTD005T1 VSTD005T1 5 ug/L CCAL Inst : 5971-M
Misc : BFBT1 5uL 13732, 13637; 2uL 13273 Multiplr: 1.00

Quant Time: Jan 16 15:46 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2117495	5.0000 ug/L	82.43
28) Chlorobenzene-d5	12.58	117	1774982	5.0000 ug/L	83.40
60) 1,4-dichlorobenzene-d4	15.67	152	1052725	5.0000 ug/L	87.90
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.62	65	570199	5.7593 ug/L	115.19%
8) Chloroethane-d5	4.29	69	514688	5.0655 ug/L	101.31%
11) 1,1-Dichloroethene-d2	5.48	63	1811714	4.8720 ug/L	97.44%
22) 2-Butanone-d5	7.67	46	1062752	58.0402 ug/L	116.08%
25) Chloroform-d	8.06	84	1458812	5.0514 ug/L	101.03%
27) 1,2-Dichloroethane-d4	8.67	65	608664	4.7820 ug/L	95.64%
33) Benzene-d6	8.71	84	2037318	4.7823 ug/L	95.65%
37) 1,2-Dichloropropane-d6	9.62	67	1248471	5.2226 ug/L	104.45%
40) cis-1,3-Dichloropropene-d4	10.48	79	1436629	5.2105 ug/L	104.21%
42) trans-1,3-Dichloropropene-	11.11	79	642321	4.9303 ug/L	98.61%
47) Toluene-d8	10.84	98	1932974	4.9770 ug/L	99.54%
50) 2-Hexanone-d5	11.61	63	829685	56.3406 ug/L	112.68%
59) 1,1,2,2-Tetrachloroethane-	14.22	84	468967	5.3052 ug/L	106.10%
65) 1,2-Dichlorobenzene-d4	16.19	152	864332	4.9971 ug/L	99.94%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.17	85	378487	4.1844 ug/L #	99
3) Chloromethane	3.46	50	478688	3.9695 ug/L	97
4) Vinyl Chloride	3.63	62	534968	4.3890 ug/L	98
6) Bromomethane	4.18	94	398315	4.2763 ug/L	98
7) Chloroethane	4.33	64	400866	4.3607 ug/L	98
9) Trichlorofluoromethane	4.73	101	1138957	5.1774 ug/L	99
10) 1,1-Dichloroethene	5.50	96	460830	4.6739 ug/L	82
12) 1,1,2-Trichloro-1,2,2-trif	5.48	101	950304	4.9198 ug/L	99
13) Acetone	5.56	43	369087	43.5331 ug/L	97
14) Carbon Disulfide	5.83	76	1677129	4.8601 ug/L	98
15) Methyl Acetate	5.99	43	155502	5.1188 ug/L	100
16) Methylene Chloride	6.14	84	407556	3.9870 ug/L	93
17) trans-1,2-Dichloroethene	6.51	96	489605	4.5962 ug/L	95
18) tert-Butyl Methyl Ether	6.50	73	743805	4.1235 ug/L	95
19) 1,1-Dichloroethane	7.04	63	1523550	4.4055 ug/L	100
20) cis-1,2-Dichloroethene	7.73	96	634219	4.6959 ug/L	94
21) 2-Butanone	7.73	43	899219	53.5853 ug/L	97
23) Bromochloromethane	8.01	128	280220	4.7074 ug/L #	43
24) Chloroform	8.08	83	1310103	4.6695 ug/L	92
26) 1,2-Dichloroethane	8.75	62	653684	4.4410 ug/L	100
29) 1,1,1-Trichloroethane	8.33	97	1217232	4.8655 ug/L	99
30) Cyclohexane	8.40	56	1470883	4.8740 ug/L #	86
31) Carbon Tetrachloride	8.52	117	1211112	5.1217 ug/L	97
32) Benzene	8.75	78	2008284	4.6105 ug/L #	82
34) Trichloroethene	9.47	95	823498	5.0424 ug/L	98
35) Methylcyclohexane	9.69	55	1359481	4.9383 ug/L	88
36) 1,2-Dichloropropane	9.72	63	1010979	4.5258 ug/L	94
38) Bromodichloromethane	10.01	83	1153046	4.8677 ug/L	100
39) cis-1,3-Dichloropropene	10.52	75	1002829	4.6064 ug/L	92

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR05S05.D
Acq Time : 01/10/2012 16:12 Operator: JAG
Sample : VSTD005T1 VSTD005T1 5 ug/L CCAL Inst : 5971-M
Misc : BFBT1 5uL 13732, 13637; 2uL 13273 Multiplr: 1.00

Quant Time: Jan 16 15:46 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	11.15	75	635217	4.3196 ug/L	99
43)	1,1,2-Trichloroethane	11.37	97	341367	4.8820 ug/L	93
44)	Dibromochloromethane	11.86	129	793722	5.0050 ug/L	97
45)	4-Methyl-2-pentanone	10.68	43	3284872	49.3778 ug/L	97
46)	Toluene	10.93	91	2043552	4.6015 ug/L	97
48)	Tetrachloroethene	11.59	164	885130	5.1366 ug/L	98
49)	2-Hexanone	11.66	43	2068106	55.7319 ug/L	95
51)	1,2-Dibromoethane	12.03	107	471738	4.9654 ug/L	93
52)	Chlorobenzene	12.62	112	1511887	4.7441 ug/L	91
53)	Ethylbenzene	12.74	91	2137241	4.6239 ug/L	100
54)	m,p-Xylene	12.89	106	1076801	4.6637 ug/L	88
55)	o-Xylene	13.40	106	876556	4.4462 ug/L	96
56)	Styrene	13.41	104	1232107	4.4277 ug/L	97
57)	Isopropylbenzene	13.88	105	2844417	4.6628 ug/L	98
58)	1,1,2,2-Tetrachloroethane	14.24	83	406302	4.7622 ug/L #	84
61)	Bromoform	13.66	173	441202	5.1991 ug/L	100
62)	1,3-Dichlorobenzene	15.59	146	931518	4.6731 ug/L	98
63)	1,4-Dichlorobenzene	15.70	146	1955196	4.6601 ug/L	98
64)	1,2-Dichlorobenzene	16.22	146	1307942	5.0785 ug/L	100
66)	1,2-Dibromo-3-chloropropan	17.33	75	87163	4.9919 ug/L	97
67)	1,2,4-Trichlorobenzene	18.56	180	659592	4.7974 ug/L	93
68)	1,2,3-Trichlorobenzene	19.26	180	420472	4.2593 ug/L	96

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

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/11/2012 Time: 00:26

Lab File ID: MR20S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005F1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.214	0.192	0.010	-10.2	50.0
Chloromethane	0.285	0.272	0.010	-4.4	50.0
Vinyl chloride	0.288	0.294	0.010	2.3	50.0
Bromomethane	0.220	0.220	0.010	0.1	50.0
Chloroethane	0.217	0.220	0.010	1.1	50.0
Trichlorofluoromethane	0.519	0.592	0.010	13.9	50.0
1,1-Dichloroethene	0.233	0.239	0.010	2.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.456	0.447	0.010	-1.9	50.0
Acetone	0.020	0.019	0.010	-4.6	50.0
Carbon disulfide	0.815	0.821	0.010	0.8	50.0
Methyl acetate	0.072	0.057	0.010	-21.2	50.0
Methylene chloride	0.241	0.212	0.010	-12.0	50.0
trans-1,2-Dichloroethene	0.252	0.245	0.010	-2.6	50.0
Methyl tert-butyl ether	0.426	0.349	0.010	-18.0	50.0
1,1-Dichloroethane	0.817	0.758	0.010	-7.2	50.0
cis-1,2-Dichloroethene	0.319	0.306	0.010	-3.9	50.0
2-Butanone	0.040	0.042	0.010	6.9	50.0
Bromochloromethane	0.141	0.141	0.010	0.0	50.0
Chloroform	0.662	0.645	0.010	-2.6	50.0
1,1,1-Trichloroethane	0.705	0.737	0.010	4.5	50.0
Cyclohexane	0.850	0.777	0.010	-8.6	50.0
Carbon tetrachloride	0.666	0.715	0.010	7.3	50.0
Benzene	1.227	1.146	0.010	-6.6	50.0
1,2-Dichloroethane	0.348	0.327	0.010	-6.0	50.0
Trichloroethene	0.460	0.511	0.010	11.0	50.0
Methylcyclohexane	0.775	0.677	0.010	-12.7	50.0

Report 1,4-Dioxane for Low-Medium VOA analysis only

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/11/2012 Time: 00:26

Lab File ID: MR20S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005F1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.629	0.582	0.010	-7.6	50.0
Bromodichloromethane	0.667	0.642	0.010	-3.8	50.0
cis-1,3-Dichloropropene	0.613	0.548	0.010	-10.7	50.0
4-Methyl-2-Pentanone	0.187	0.179	0.010	-4.4	50.0
Toluene	1.251	1.176	0.010	-6.0	50.0
trans-1,3-Dichloropropene	0.414	0.368	0.010	-11.1	50.0
1,1,2-Trichloroethane	0.197	0.198	0.010	0.7	50.0
Tetrachloroethene	0.485	0.504	0.010	3.8	50.0
2-Hexanone	0.105	0.115	0.010	10.4	50.0
Dibromochloromethane	0.447	0.442	0.010	-1.1	50.0
1,2-Dibromoethane	0.268	0.274	0.010	2.6	50.0
Chlorobenzene	0.898	0.873	0.010	-2.7	50.0
Ethylbenzene	1.302	1.229	0.010	-5.6	50.0
o-Xylene	0.555	0.525	0.010	-5.5	50.0
m,p-Xylene	0.650	0.626	0.010	-3.8	50.0
Styrene	0.784	0.748	0.010	-4.6	50.0
Bromoform	0.403	0.400	0.010	-0.7	50.0
Isopropylbenzene	1.718	1.644	0.010	-4.4	50.0
1,1,2,2-Tetrachloroethane	0.240	0.203	0.010	-15.4	50.0
1,3-Dichlorobenzene	0.947	0.968	0.010	2.3	50.0
1,4-Dichlorobenzene	1.993	1.833	0.010	-8.0	50.0
1,2-Dichlorobenzene	1.223	1.163	0.010	-4.9	50.0
1,2-Dibromo-3-chloropropane	0.083	0.071	0.010	-14.0	50.0
1,2,4-Trichlorobenzene	0.653	0.605	0.010	-7.4	50.0
1,2,3-Trichlorobenzene	0.469	0.334	0.010	-28.8	50.0

7C - FORM VII VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Instrument ID: 5971-M Calibration Date: 01/11/2012 Time: 00:26

Lab File ID: MR20S05 Init. Calib. Date(s): 08/13/2011 08/14/2011

EPA Sample No.(VSTD#####): VSTD005F1 Init. Calib. Time(s): 22:20 00:36

Heated Purge: (Y/N) N GC Column: DB624 ID: 0.53 (mm) Length: 75 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Vinyl chloride-d3	0.234	0.311	0.010	32.8	50.0
Chloroethane-d5	0.240	0.263	0.010	9.7	50.0
1,1-Dichloroethene-d2	0.878	0.915	0.010	4.2	50.0
2-Butanone-d5	0.043	0.042	0.010	-3.9	50.0
Chloroform-d	0.682	0.681	0.010	-0.1	50.0
1,2-Dichloroethane-d4	0.301	0.287	0.010	-4.4	50.0
Benzene-d6	1.200	1.201	0.010	0.1	50.0
1,2-Dichloropropane-d6	0.673	0.653	0.010	-3.1	50.0
Toluene-d8	1.094	1.121	0.010	2.4	50.0
trans-1,3-Dichloropropene-d4	0.367	0.336	0.010	-8.5	50.0
2-Hexanone-d5	0.041	0.040	0.010	-3.8	50.0
1,1,2,2-Tetrachloroethane-d2	0.249	0.244	0.010	-1.8	50.0
1,2-Dichlorobenzene-d4	0.822	0.802	0.010	-2.3	50.0

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

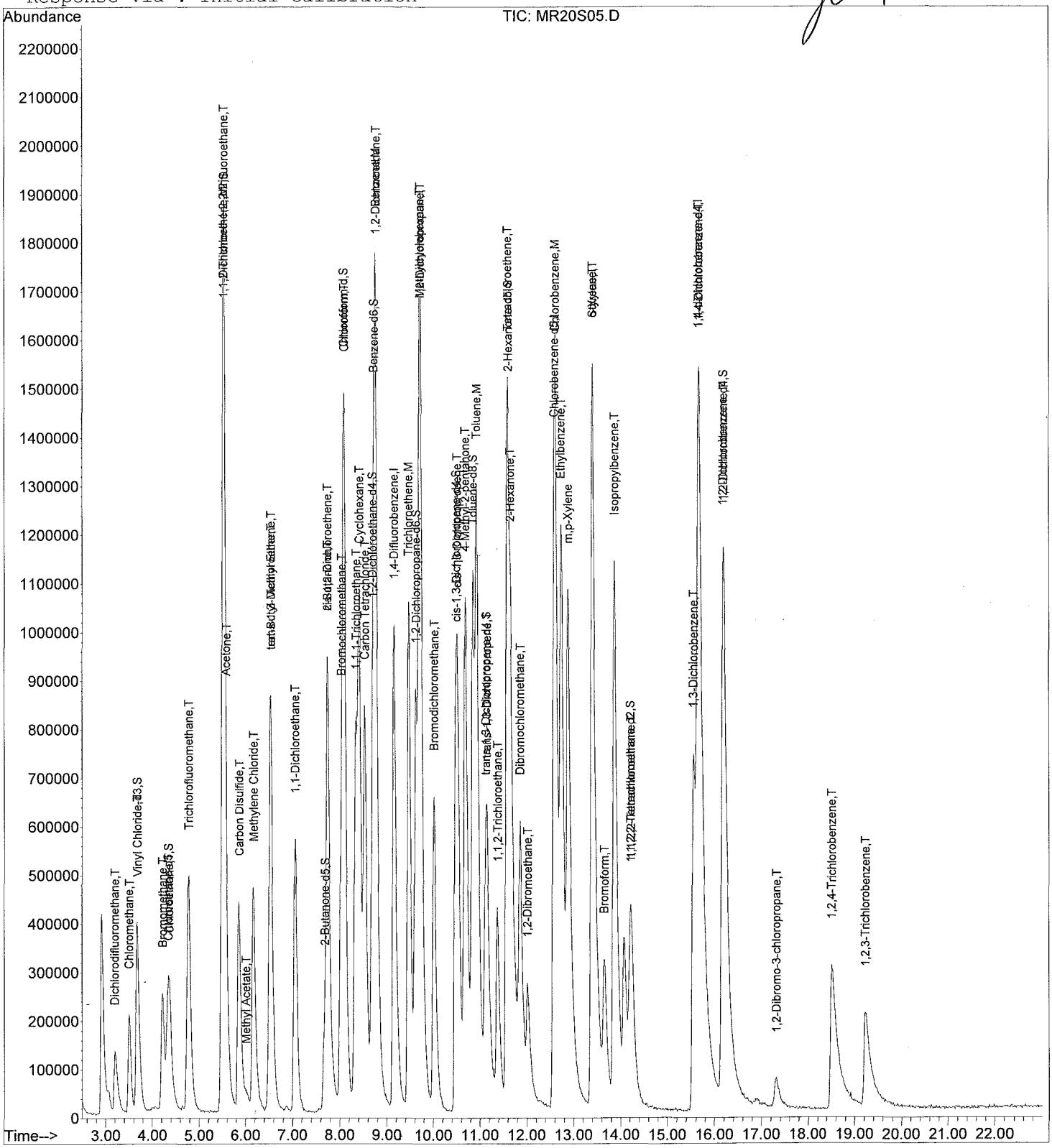
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR20S05.D
Acq Time : 01/11/2012 00:26 Operator: JAG
Sample : VSTD005F1 VSTD005F1 5 ug/L CCAL Inst : 5971-M
Misc : TRACE 5uL 13732, 13637 Multiplr: 1.00

Quant Time: Jan 19 15:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration

1/19/12



00156

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR20S05.D
Acq Time : 01/11/2012 00:26 Operator: JAG
Sample : VSTD005F1 VSTD005F1 5 ug/L CCAL Inst : 5971-M
Misc : TRACE 5uL 13732, 13637 Multiplr: 1.00

Quant Time: Jan 19 15:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2004142	5.0000 ug/L	78.01
28) Chlorobenzene-d5	12.57	117	1639770	5.0000 ug/L	77.05
60) 1,4-dichlorobenzene-d4	15.64	152	962713	5.0000 ug/L	80.39
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.66	65	622383	6.6419 ug/L	132.84%#
8) Chloroethane-d5	4.32	69	527385	5.4840 ug/L	109.68%
11) 1,1-Dichloroethene-d2	5.50	63	1833985	5.2108 ug/L	104.22%#
22) 2-Butanone-d5	7.67	46	832986	48.0650 ug/L	96.13%
25) Chloroform-d	8.06	84	1365179	4.9945 ug/L	99.89%
27) 1,2-Dichloroethane-d4	8.68	65	576103	4.7822 ug/L	95.64%
33) Benzene-d6	8.71	84	1970032	5.0057 ug/L	100.11%
37) 1,2-Dichloropropane-d6	9.61	67	1070525	4.8475 ug/L	96.95%
40) cis-1,3-Dichloropropene-d4	10.47	79	1231204	4.8336 ug/L	96.67%
42) trans-1,3-Dichloropropene-	11.11	79	550629	4.5750 ug/L	91.50%
47) Toluene-d8	10.84	98	1837520	5.1213 ug/L	102.43%
50) 2-Hexanone-d5	11.60	63	654167	48.0848 ug/L	96.17%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	400921	4.9094 ug/L	98.19%
65) 1,2-Dichlorobenzene-d4	16.18	152	772472	4.8836 ug/L	97.67%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.20	85	384211	4.4879 ug/L #	98
3) Chloromethane	3.50	50	545857	4.7825 ug/L	96
4) Vinyl Chloride	3.67	62	589953	5.1138 ug/L	99
6) Bromomethane	4.22	94	441291	5.0056 ug/L	98
7) Chloroethane	4.36	64	439961	5.0567 ug/L	97
9) Trichlorofluoromethane	4.77	101	1185795	5.6952 ug/L	97
10) 1,1-Dichloroethene	5.52	96	478096	5.1233 ug/L	79
12) 1,1,2-Trichloro-1,2,2-trif	5.52	101	896281	4.9026 ug/L	99
13) Acetone	5.58	43	382868	47.7127 ug/L	100
14) Carbon Disulfide	5.86	76	1645890	5.0394 ug/L	100
15) Methyl Acetate	6.01	43	113237	3.9384 ug/L #	89
16) Methylene Chloride	6.16	84	425721	4.4002 ug/L	98
17) trans-1,2-Dichloroethene	6.53	96	491045	4.8705 ug/L	94
18) tert-Butyl Methyl Ether	6.53	73	699699	4.0984 ug/L	96
19) 1,1-Dichloroethane	7.05	63	1519485	4.6422 ug/L	99
20) cis-1,2-Dichloroethene	7.73	96	614197	4.8049 ug/L	93
21) 2-Butanone	7.74	43	848757	53.4389 ug/L	98
23) Bromochloromethane	8.02	128	281729	5.0004 ug/L #	47
24) Chloroform	8.09	83	1293459	4.8709 ug/L	93
26) 1,2-Dichloroethane	8.76	62	654633	4.6989 ug/L	95
29) 1,1,1-Trichloroethane	8.34	97	1207892	5.2263 ug/L	98
30) Cyclohexane	8.42	56	1274161	4.5703 ug/L	99
31) Carbon Tetrachloride	8.52	117	1172157	5.3657 ug/L	95
32) Benzene	8.76	78	1879562	4.6708 ug/L #	84
34) Trichloroethene	9.46	95	837440	5.5506 ug/L	99
35) Methylcyclohexane	9.70	55	1109892	4.3641 ug/L #	84
36) 1,2-Dichloropropane	9.72	63	953606	4.6210 ug/L	92
38) Bromodichloromethane	10.01	83	1052922	4.8116 ug/L	99
39) cis-1,3-Dichloropropene	10.51	75	897935	4.4647 ug/L	92

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR20S05.D
Acq Time : 01/11/2012 00:26 Operator: JAG
Sample : VSTD005F1 VSTD005F1 5 ug/L CCAL Inst : 5971-M
Misc : TRACE 5uL 13732, 13637 Multiplr: 1.00

Quant Time: Jan 19 15:32 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	trans-1,3-Dichloropropene	11.15	75	604137	4.4470 ug/L		96
43)	1,1,2-Trichloroethane	11.37	97	325109	5.0329 ug/L		93
44)	Dibromochloromethane	11.85	129	724330	4.9441 ug/L		97
45)	4-Methyl-2-pentanone	10.67	43	2937096	47.7906 ug/L		97
46)	Toluene	10.93	91	1928788	4.7012 ug/L		97
48)	Tetrachloroethene	11.57	164	826226	5.1901 ug/L		97
49)	2-Hexanone	11.65	43	1892766	55.2127 ug/L		97
51)	1,2-Dibromoethane	12.01	107	450062	5.1278 ug/L		92
52)	Chlorobenzene	12.61	112	1431926	4.8637 ug/L		93
53)	Ethylbenzene	12.73	91	2015841	4.7209 ug/L		95
54)	m,p-Xylene	12.88	106	1025953	4.8099 ug/L		95
55)	o-Xylene	13.39	106	860560	4.7250 ug/L		89
56)	Styrene	13.41	104	1225888	4.7686 ug/L		93
57)	Isopropylbenzene	13.86	105	2695169	4.7824 ug/L		97
58)	1,1,2,2-Tetrachloroethane	14.23	83	333418	4.2302 ug/L		95
61)	Bromoform	13.64	173	385429	4.9665 ug/L		97
62)	1,3-Dichlorobenzene	15.56	146	932106	5.1132 ug/L	#	90
63)	1,4-Dichlorobenzene	15.67	146	1764768	4.5995 ug/L		98
64)	1,2-Dichlorobenzene	16.20	146	1119587	4.7536 ug/L		98
66)	1,2-Dibromo-3-chloropropan	17.33	75	68630	4.2980 ug/L		91
67)	1,2,4-Trichlorobenzene	18.52	180	582429	4.6323 ug/L		97
68)	1,2,3-Trichlorobenzene	19.23	180	321299	3.5590 ug/L		93

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

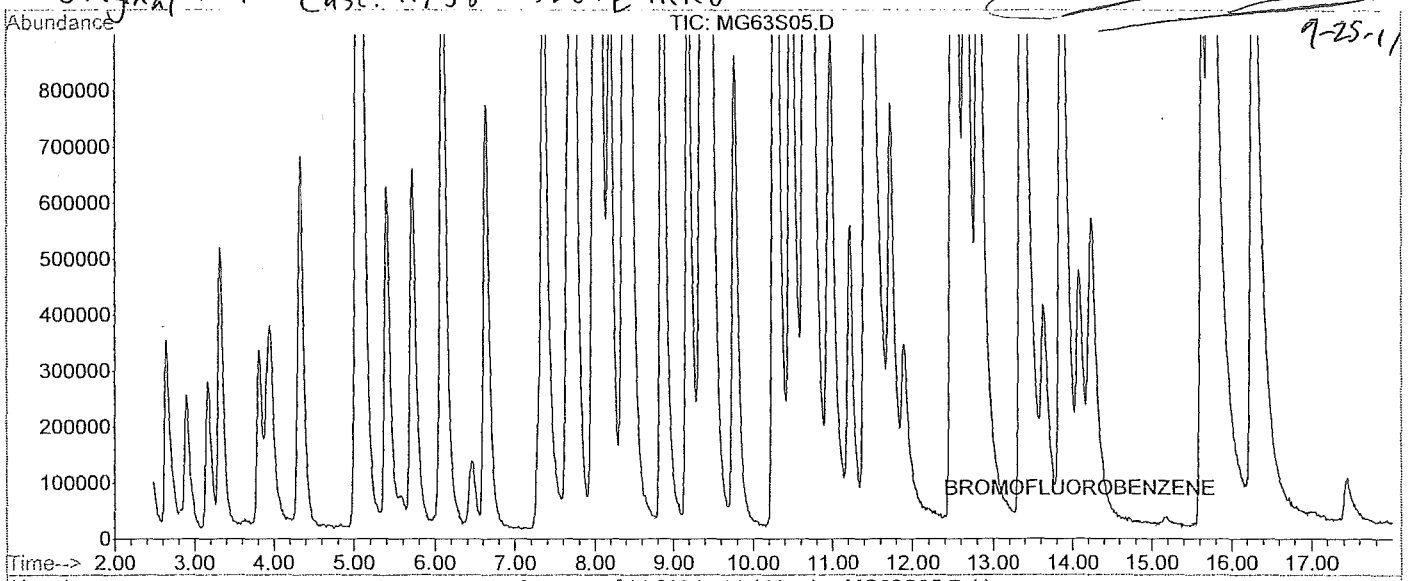
SOM01.1 BFB

Data File : J:\M\2011\AUG11M\13AUG11M\MG63S05.D
Acq Time : 08/13/2011 22:20 Operator: MTG
Sample : VSTD005TM VSTD005TM 5 ug/L CCAL Inst : 5971-M
Misc : BFBTM 5 uL 12289, 90; 2 uL 12057 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFB_SOM.M (RTE Integrator)
Title :

Original with Case:41758 SDG:E4KK8

9-25-11



Peak Apex is scan: 1204
Average of 3 Scans: 1203,1204,1205 minus Background scan: 1194

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.57	16438	PASS
75	95	30	80	57.74	38622	PASS
95	95	100	100	100.00	66893	PASS
96	95	5	9	6.95	4646	PASS
173	174	0	2	0.00	0	PASS
174	95	50	120	77.08	51560	PASS
175	174	5	9	8.18	4217	PASS
176	174	95	101	100.74	51944	PASS
177	176	5	9	6.61	3434	PASS

VSTD005TM VSTD005TM 5 ug/L CCAL 5971-M 08/13/2011 22:20

Data File : J:\M\2011\AUG11M\13AUG11M\MG63S05.D
Inject Time: 08/13/2011 22:20 Operator:MTG
Sample : VSTD005TM Inst :5971-M
Misc : BFBTM 5 uL 12289, 9

Average of 14.083 to 14.102 min.: MG63S05.D
VSTD005TM VSTD005TM 5 ug/L CCAL
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	1074	55.00	429	70.00	931	86.95	2266
37.00	6374	55.25	228	71.90	397	88.00	2915
38.00	4397	55.95	1737	72.90	2875	88.65	127
44.00	977	57.00	1975	73.95	9526	91.95	1616
45.05	1194	59.00	699	74.95	38622	92.95	2520
47.05	1667	60.00	1107	75.95	1981	94.00	6609
47.80	235	60.90	3291	80.00	488	95.00	66893
48.00	168	62.00	3302	80.90	2060	95.95	4646
49.00	4644	66.85	134	81.85	236	115.95	170
50.00	16438	67.95	9254	82.05	139	116.95	68
54.05	154	68.95	9172	84.85	244	117.85	175

Average of 14.083 to 14.102 min.: MG63S05.D
VSTD005TM VSTD005TM 5 ug/L CCAL
Modified:subtracted

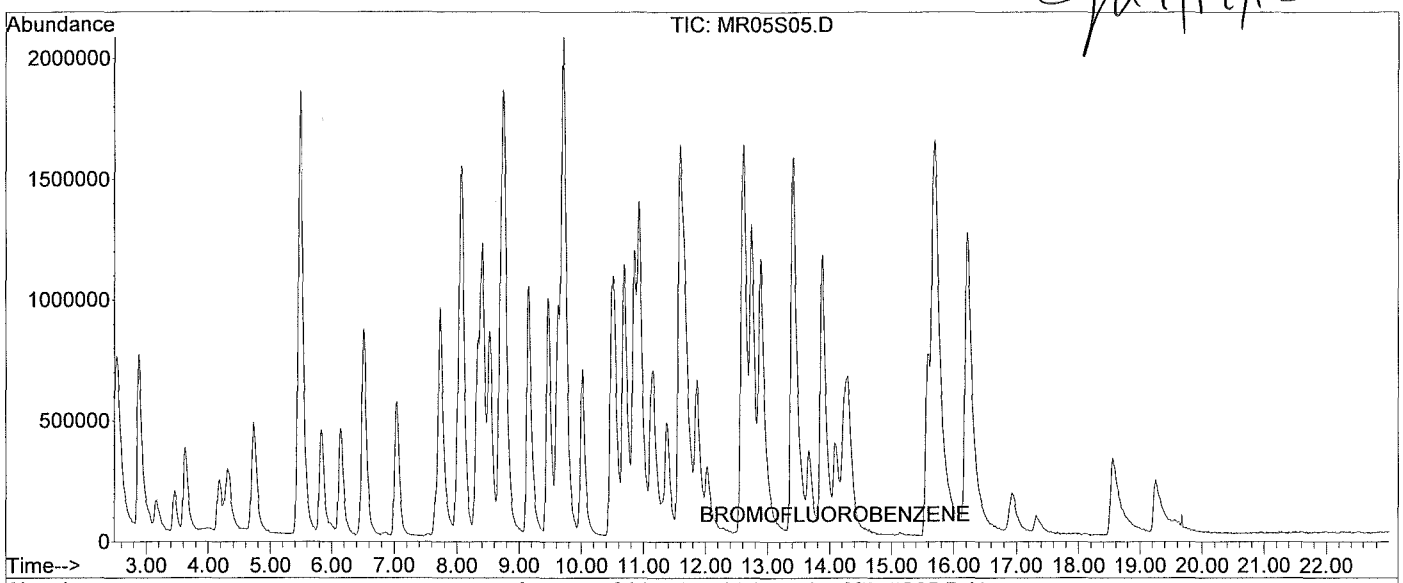
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
118.05	153						
129.85	152						
140.85	607						
142.75	375						
142.95	303						
173.90	51560						
174.90	4217						
175.90	51944						
176.90	3434						
207.00	289						

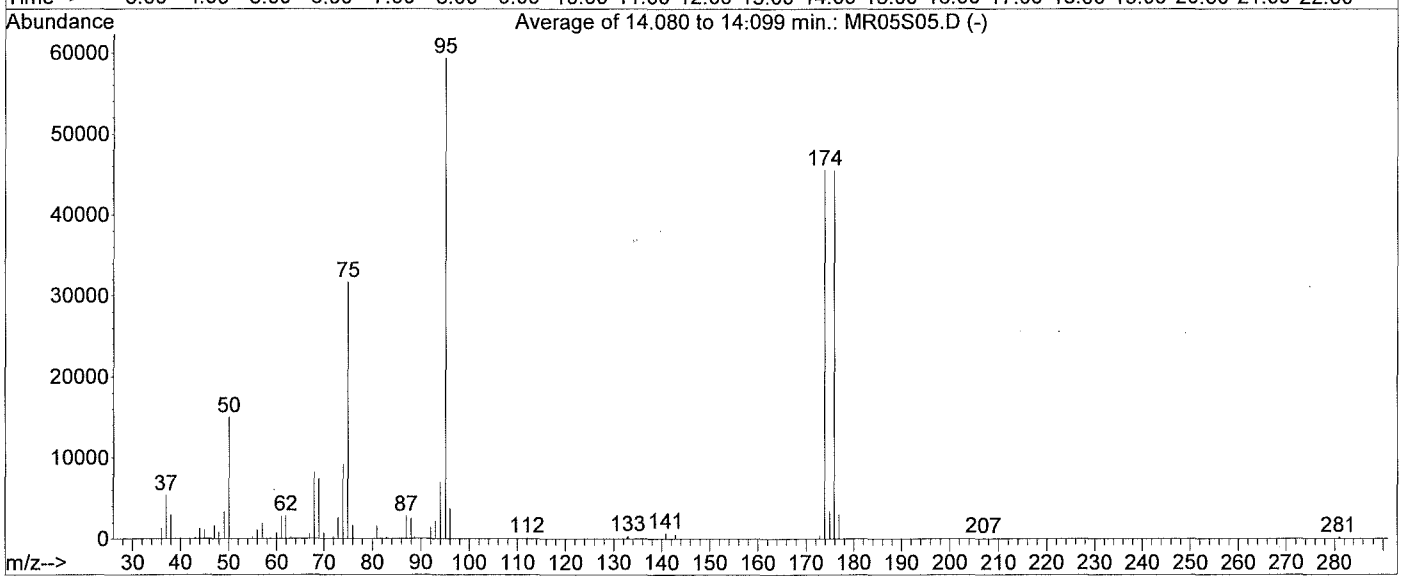
SOM01.1 BFB

Data File : J:\M\2012\JAN12M\10JAN12M\MR05S05.D
Acq Time : 01/10/2012 16:12 Operator: JAG
Sample : VSTD005T1 VSTD005T1 5 ug/L CCAL Inst : 5971-M
Misc : BFBT1 5uL 13732, 13637; 2uL 13273 Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\BFB_SOM.M (RTE Integrator)
Title :

1/19/12





Peak Apex is scan: 1203
Average of 3 Scans: 1202,1203,1204 minus Background scan: 1194

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.3	15003	PASS
75	95	30	80	53.4	31671	PASS
95	95	100	100	100.0	59360	PASS
96	95	5	9	6.3	3744	PASS
173	174	0	2	0.9	413	PASS
174	95	50	120	76.7	45501	PASS
175	174	5	9	7.4	3372	PASS
176	174	95	101	99.8	45400	PASS
177	176	5	9	6.6	2974	PASS

VSTD005T1 VSTD005T1 5 ug/L CCAL 5971-M 01/10/2012 16:12 5972-P

Data File : J:\M\2012\JAN12M\10JAN12M\MR05S05.D
Inject Time: 01/10/2012 16:12 Operator:JAG
Sample : VSTD005T1 Inst :5971-M
Misc : BFBT1 5uL 13732, 13

Average of 14.080 to 14.099 min.: MR05S05.D
VSTD005T1 VSTD005T1 5 ug/L CCAL
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1299	55.00	216	70.00	687	87.00	2740
37.00	5332	56.00	1081	71.90	284	88.00	2446
38.05	2894	57.00	1851	72.15	193	88.75	166
40.00	122	58.75	129	73.00	2559	92.00	1335
43.10	173	60.00	690	73.95	9159	93.00	2130
44.05	1277	61.00	2730	75.00	31671	94.00	6946
45.00	1091	61.95	2800	75.95	1648	95.05	59360
47.05	1622	63.00	231	79.95	11	96.00	3744
47.95	850	67.00	545	80.95	1510	112.05	134
49.05	3347	68.00	8172	81.75	131	132.85	237
50.05	15003	68.95	7336	82.95	143	133.00	337

Average of 14.080 to 14.099 min.: MR05S05.D
VSTD005T1 VSTD005T1 5 ug/L CCAL
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
140.90	677						
142.90	502						
172.90	413						
173.90	45501						
174.95	3372						
175.90	45400						
176.90	2974						
206.95	95						
280.85	180						
281.05	143						

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254790

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR06BLK

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254790

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR06BLK

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254790

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR06BLK

Level: (TRACE or LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

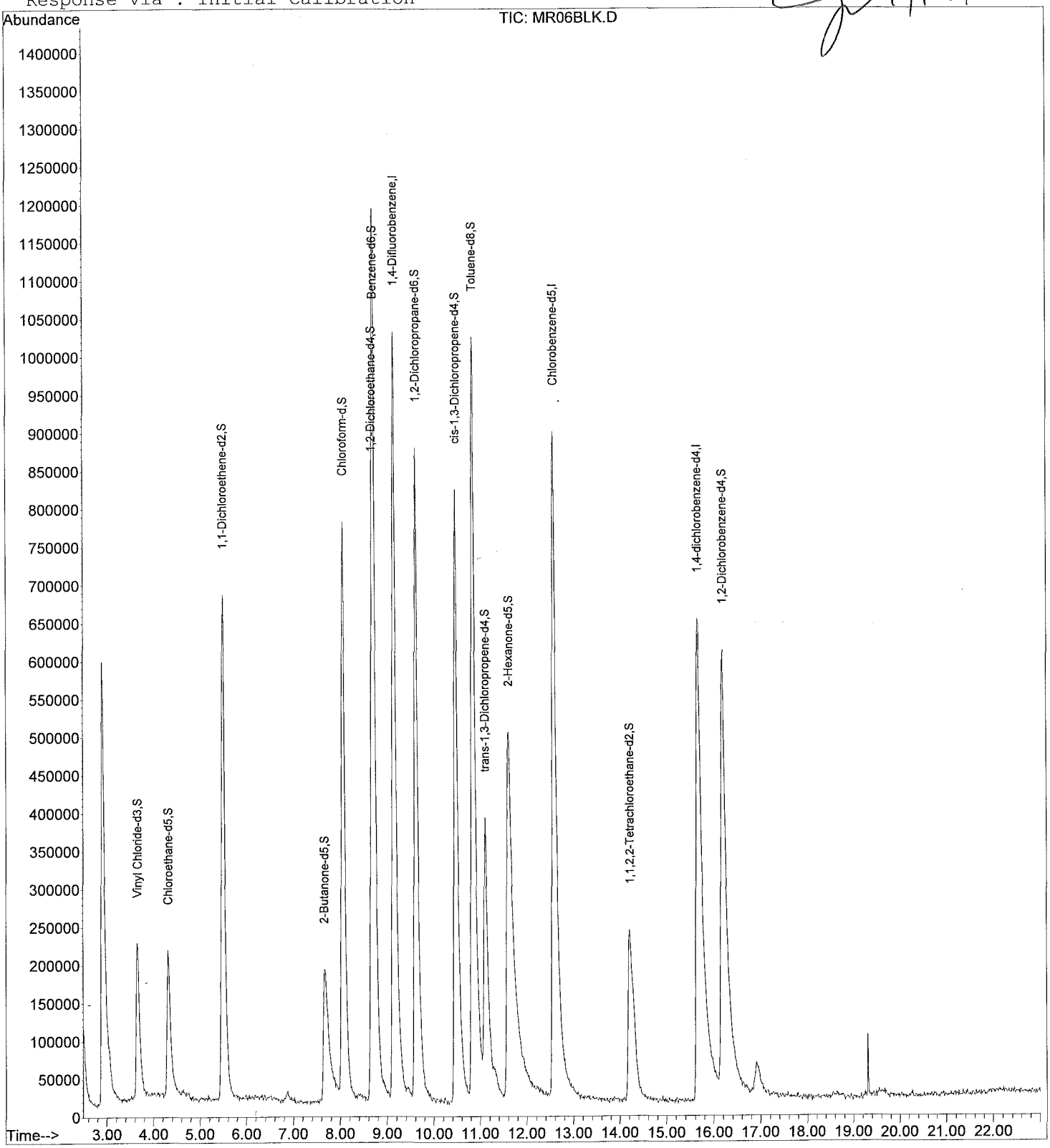
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR06BLK.D
Acq Time : 01/10/2012 16:58 Operator: JAG
Sample : 254790 VBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:24 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration

1/19/12



00167

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR06BLK.D
Acq Time : 01/10/2012 16:58 Operator: JAG
Sample : 254790 VBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:24 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2129402	5.0000 ug/L	82.89
28) Chlorobenzene-d5	12.58	117	1726788	5.0000 ug/L	81.13
60) 1,4-dichlorobenzene-d4	15.67	152	942022	5.0000 ug/L	78.66
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	652054	6.5492 ug/L	130.98%
8) Chloroethane-d5	4.32	69	589362	5.7680 ug/L	115.36%
11) 1,1-Dichloroethene-d2	5.49	63	1523816	4.0749 ug/L	81.50%
22) 2-Butanone-d5	7.67	46	1139518	61.8847 ug/L	123.77%
25) Chloroform-d	8.06	84	1412026	4.8620 ug/L	97.24%
27) 1,2-Dichloroethane-d4	8.67	65	566724	4.4276 ug/L	88.55%
33) Benzene-d6	8.70	84	2133908	5.1489 ug/L	102.98%
37) 1,2-Dichloropropane-d6	9.61	67	1159838	4.9872 ug/L	99.74%
40) cis-1,3-Dichloropropene-d4	10.48	79	1368095	5.1004 ug/L	102.01%
42) trans-1,3-Dichloropropene-	11.11	79	594513	4.6907 ug/L	93.81%
47) Toluene-d8	10.84	98	1918683	5.0780 ug/L	101.56%
50) 2-Hexanone-d5	11.60	63	762437	53.2191 ug/L	106.44%
59) 1,1,2,2-Tetrachloroethane-	14.22	84	425215	4.9445 ug/L	98.89%
65) 1,2-Dichlorobenzene-d4	16.20	152	773091	4.9949 ug/L	99.90%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR06BLK.D
Acq Time : 01/10/2012 16:58 Operator: JAG
Sample : 254790 VBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 16 16:24 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254791

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR19HBLK

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254791

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR19HBLK

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLKT1

Lab Name: ALS Environmental Contract: EPW11037

Lab Code: DATAC Case No.: 42114 Mod. Ref No.: _____ SDG No.: F5A00

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 254791

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: MR19HBLK

Level: (TRACE or LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/2012

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

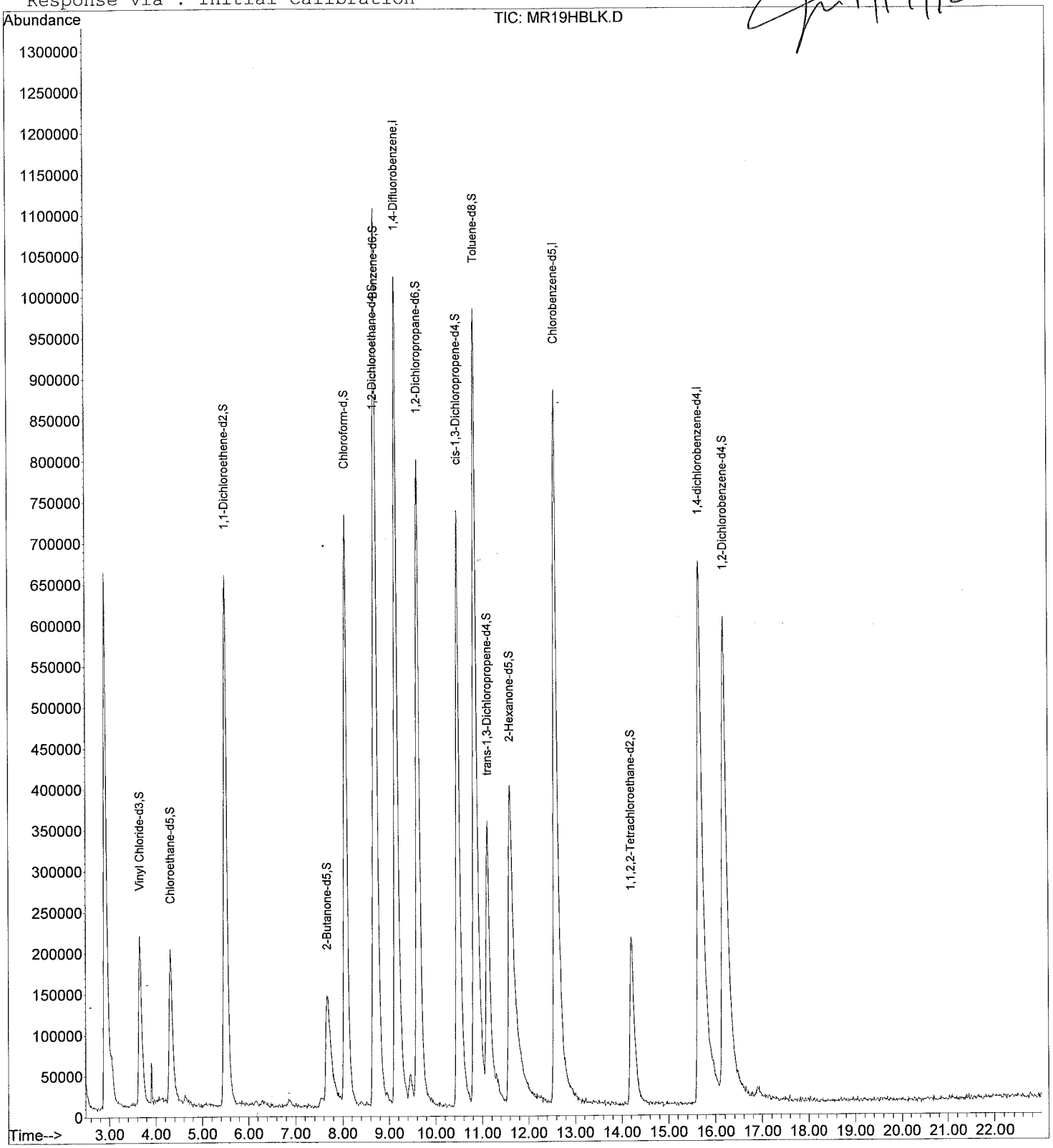
Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR19HBLK.D
Acq Time : 01/10/2012 23:54 Operator: JAG
Sample : 254791 VHBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 15:00 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration

1/19/12



Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR19HBLK.D
Acq Time : 01/10/2012 23:54 Operator: JAG
Sample : 254791 VHBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 15:00 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	9.15	114	2089449	5.0000 ug/L	81.33
28) Chlorobenzene-d5	12.58	117	1679378	5.0000 ug/L	78.91
60) 1,4-dichlorobenzene-d4	15.65	152	932204	5.0000 ug/L	77.84
System Monitoring Compounds					%Recovery
5) Vinyl Chloride-d3	3.65	65	599909	6.1407 ug/L	122.81%
8) Chloroethane-d5	4.31	69	531347	5.2997 ug/L	105.99%
11) 1,1-Dichloroethene-d2	5.49	63	1445857	3.9403 ug/L	78.81%
22) 2-Butanone-d5	7.68	46	748619	41.4332 ug/L	82.87%
25) Chloroform-d	8.07	84	1338200	4.6959 ug/L	93.92%
27) 1,2-Dichloroethane-d4	8.67	65	555715	4.4246 ug/L	88.49%
33) Benzene-d6	8.71	84	1968775	4.8845 ug/L	97.69%
37) 1,2-Dichloropropane-d6	9.62	67	1016619	4.4948 ug/L	89.90%
40) cis-1,3-Dichloropropene-d4	10.48	79	1175694	4.5068 ug/L	90.14%
42) trans-1,3-Dichloropropene-	11.12	79	543551	4.4097 ug/L	88.19%
47) Toluene-d8	10.85	98	1827328	4.9728 ug/L	99.46%
50) 2-Hexanone-d5	11.59	63	576455	41.3732 ug/L	82.75%
59) 1,1,2,2-Tetrachloroethane-	14.20	84	385178	4.6054 ug/L	92.11%
65) 1,2-Dichlorobenzene-d4	16.17	152	768321	5.0163 ug/L	100.33%
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl Chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon Disulfide	0.00	76		Not Detected	
15) Methyl Acetate	0.00	43		Not Detected	
16) Methylene Chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) tert-Butyl Methyl Ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
29) 1,1,1-Trichloroethane	0.00	97		Not Detected	
30) Cyclohexane	0.00	56		Not Detected	
31) Carbon Tetrachloride	0.00	117		Not Detected	
32) Benzene	0.00	78		Not Detected	
34) Trichloroethene	0.00	95		Not Detected	
35) Methylcyclohexane	0.00	55		Not Detected	
36) 1,2-Dichloropropane	0.00	63		Not Detected	
38) Bromodichloromethane	0.00	83		Not Detected	
39) cis-1,3-Dichloropropene	0.00	75		Not Detected	

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

Quantitation Report

Data File : J:\M\2012\JAN12M\10JAN12M\MR19HBLK.D
Acq Time : 01/10/2012 23:54 Operator: JAG
Sample : 254791 VHBLKT1 Inst : 5971-M
Misc : TRACE 5 uL of 13732 Multiplr: 1.00

Quant Time: Jan 19 15:00 2012 Quant Results File: QUANT.RES

Method : D:\HPCHEM\1\METHODS\MTRACETH.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Mon Jan 16 16:19:27 2012
Response via : Initial Calibration
DataAcq Meth : MTRACETH

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
43)	1,1,2-Trichloroethane	0.00	97		Not Detected	
44)	Dibromochloromethane	0.00	129		Not Detected	
45)	4-Methyl-2-pentanone	0.00	43		Not Detected	
46)	Toluene	0.00	91		Not Detected	
48)	Tetrachloroethene	0.00	164		Not Detected	
49)	2-Hexanone	0.00	43		Not Detected	
51)	1,2-Dibromoethane	0.00	107		Not Detected	
52)	Chlorobenzene	0.00	112		Not Detected	
53)	Ethylbenzene	0.00	91		Not Detected	
54)	m,p-Xylene	0.00	106		Not Detected	
55)	o-Xylene	0.00	106		Not Detected	
56)	Styrene	0.00	104		Not Detected	
57)	Isopropylbenzene	0.00	105		Not Detected	
58)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
61)	Bromoform	0.00	173		Not Detected	
62)	1,3-Dichlorobenzene	0.00	146		Not Detected	
63)	1,4-Dichlorobenzene	0.00	146		Not Detected	
64)	1,2-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
67)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
68)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

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

ALS Laboratory Group - GC/MS VOA	
ALS Ref ID:	1200528
Case:	42114
SDG:	F5A00
HBN:	79369
Date Sampled:	1/3 - 1/4/2012
Date Received:	1/5/2012
Matrix:	WATERS - 25.0 mL purged [Results in ug/L]
Method:	EPA SOW SOM01.2 Trace Waters
Date Analyzed:	1/10/2012
	Instrument: HP5971-M Column: DB624 75 meter, .53mm Temp. Program: 45° C (3.5 min.) 10°/min ramp to 220° C Carrier Gas: Helium Purge & Trap: Tekmar LSC 2000 & Varian Archon Purge Gas: Helium Purge Flow: 35 mL/min Trap: Vocarb 3000 Trap Temp: 35° C Due to interference with the primary ion, the secondary ion 55 was used for Methylcyclohexane

Standards*:

25 mL purge water curve (MTRACETH.M):

BFB tune 12057

Standards: 8/13/11	0.5 ug/L (100mL)	1 ug/L (100mL)	5 ug/L (50mL)	10 ug/L (50mL)	20 ug/L (50mL)
12892 (ISTD)	20uL	20uL	NA	10uL	10uL
12893 (DMC)	2uL	4uL	NA	20uL	40uL
12890 (VOA)	2uL	4uL	10uL	20uL	40uL
12889 (ISTD/DMC)	NA	NA	10uL	NA	NA

Opening and Closing CCV's*:

BFB tune 13273

Standards: 1/10/12	5 ug/L (50mL)
13732 (ISTD/DMC)	10uL
13637 (VOA)	10uL

ISTD/DMC'S 13732

MS/MSD NA

* 25 mL aliquot of all standards are purged.

All pH's 1, see inj. Logbooks for dilutions.

All QC were within Acceptance limits.

Analyst: Joseph Gress and Matthew Goetz

ALS ENVIRONMENTAL - GC\MS VOLATILE ANALYSIS
INJECTION LOGBOOK
INSTRUMENT 5971-M

FILE NAME	DATE & TIME INJECTED	OP	METHOD	SPAR GER#	RUN LENGTH	DIL FAC	MATRIX	SAMPLE	(STANDARD) (SOLUTION)		ISTD #1 AREA
MG62BFB	08/13/2011 21:48	MTG	MTRACETG	1	23.00	1	WATER	50 NG BFB			0
	COMMENTS: BFBT1 2 uL 12057										
MG63S05	08/13/2011 22:20	MTG	MTRACETG	2	23.00	1	WATER	VSTD005T1	VSTD005T1	5 ug	2568945
	COMMENTS: BFBT1 5 uL 12289, 90; 2 uL 12057										
MG64S01	08/13/2011 23:00	MTG	MTRACETH	3	23.00	1	WATER	VSTD001TM	VSTD001TM	5 ug	2060100
	COMMENTS: 12290, 92, 93										
MG65SZ5	08/13/2011 23:31	MTG	MTRACETH	4	23.00	1	WATER	VSTD0.5TM	VSTD0.5TM	5 ug	2201527
	COMMENTS:										
MG66S20	08/14/2011 00:05	MTG	MTRACETH	5	23.00	1	WATER	VSTD020TM	VSTD020TM	5 ug	2269701
	COMMENTS:										
MG67S10	08/14/2011 00:36	MTG	MTRACETH	6	23.00	1	WATER	VSTD010TM	VSTD010TM	5 ug	2391856
	COMMENTS:										
MG68BLK	08/14/2011 01:07	MTG	MTRACETH	7	23.00	1	WATER	VBLKTM			2625180
	COMMENTS: TRACE 5 uL 12289										
MG69BLK	08/14/2011 01:39	MTG	MTRACETH	8	23.00	1	WATER	VBLKTM			2632951
	COMMENTS: TRACE 5 uL 12289										

ALS ENVIRONMENTAL - GC\MS VOLATILE ANALYSIS
INJECTION LOGBOOK
INSTRUMENT 5971-M

FILE NAME	DATE & TIME INJECTED	OP	METHOD	SPARGER#	RUN LENGTH	DIL FAC	MATRIX	SAMPLE	(STANDARD) (SOLUTION)	ISTD #1 AREA
MR05S05	01/10/2012 16:12	JAG	MTRACETH	1	23.00	1	WATER	VSTD005T1	VSTD005T1 5 ug	2108946
	COMMENTS: BFBT1 5uL 13732, 13637; 2uL 13273									
MR06BLK	01/10/2012 16:58	JAG	MTRACETH	2	23.00	1	WATER	VBLKT1		2129402
	COMMENTS: TRACE 5 uL of 13732									
MR07FA01	01/10/2012 17:37	JAG	MTRACETH	3	23.00	1	WATER	12005282002	F5A01	2163476
	COMMENTS: TRACE 5 uL of 13732									
MR08FA03	01/10/2012 18:08	JAG	MTRACETH	4	23.00	1	WATER	12005282004	F5A03	2149144
	COMMENTS: TRACE 5 uL of 13732									
MR09FA05	01/10/2012 18:40	JAG	MTRACETH	5	23.00	1	WATER	12005282006	F5A05	2183088
	COMMENTS: TRACE 5 uL of 13732									
MR10FA10	01/10/2012 19:11	JAG	MTRACETH	6	23.00	1	WATER	12005282009	F5A10	2135197
	COMMENTS: TRACE 5 uL of 13732									
MR11FA11	01/10/2012 19:43	JAG	MTRACETH	7	23.00	1	WATER	12005282010	F5A11	2144447
	COMMENTS: TRACE 5 uL of 13732									
MR12FA00	01/10/2012 20:14	JAG	MTRACETH	8	23.00	1	WATER	12005282001	F5A00	2118461
	COMMENTS: TRACE 5 uL of 13732									
MR13FA04	01/10/2012 20:46	JAG	MTRACETH	9	23.00	1	WATER	12005282005	F5A04	2055225
	COMMENTS: TRACE 5 uL of 13732									
MR14FA08	01/10/2012 21:17	JAG	MTRACETH	10	23.00	1	WATER	12005282007	F5A08	2131512
	COMMENTS: TRACE 5 uL of 13732									
MR15FA09	01/10/2012 21:49	JAG	MTRACETH	11	23.00	1	WATER	12005282008	F5A09	2111658
	COMMENTS: TRACE 5 uL of 13732									
MR16FA21	01/10/2012 22:20	JAG	MTRACETH	12	23.00	1	WATER	12005282011	F5A21	2114716
	COMMENTS: TRACE 5 uL of 13732									
MR17FA02	01/10/2012 22:52	JAG	MTRACETH	13	23.00	10	WATER	12005282003DL	F5A02DL (10	2026245
	COMMENTS: TRACE 1:10 DIL 5 uL of 13732									
MR18FA02	01/10/2012 23:23	JAG	MTRACETH	14	23.00	4	WATER	12005282003	F5A02	2104505
	COMMENTS: TRACE 5 uL of 13732									
MR19HBLK	01/10/2012 23:54	JAG	MTRACETH	15	23.00	1	WATER	VHBLKT1		2089449
	COMMENTS: TRACE 5 uL of 13732									
MR20S05	01/11/2012 00:26	JAG	MTRACETH	16	23.00	1	WATER	VSTD005F1	VSTD005F1 5 ug	2004142
	COMMENTS: TRACE 5uL 13732, 13637									
MR21S05	01/11/2012 00:57	JAG	MTRACETH	17	23.00	1	WATER	VSTD005F1	VSTD005F1 5 ug	1974038
	COMMENTS: TRACE 5uL 13732, 13637 NOT NEEDED									

ALS Environmental

CHAIN-OF-CUSTODY

Project / Job / Task: EPW11037	Split:	Workorder ID: 1200528	
Client: U. S. EPA Region 6		Account: 8201	Type: 40CGVOA
Comments:			Preservatives: HCL

Requested Analysis: SOM01.2 VOA Trace, Water

Item	Collect Date/Time	Sample ID	Lab ID	QC	Matrix	Containers ID(s)	Containers Count	SOM01.2 VOA Trace, Water
1	01/03/2012 16:00	F5A00	1200528001		Water	A,B,C	3	A
2	01/03/2012 16:00	F5A01	1200528002		Water	A,B,C	3	A
3	01/04/2012 09:15	F5A02	1200528003		Water	A,B,C	3	A
4	01/04/2012 10:46	F5A03	1200528004		Water	A,B,C	3	A
5	01/03/2012 16:45	F5A04	1200528005	RINSBK	Water	A,B,C	3	A
6	01/04/2012 12:45	F5A05	1200528006		Water	A,B,C	3	A
7	01/03/2012 14:27	F5A08	1200528007	FLDBK	Water	A,B,C	3	A
8	01/04/2012 09:08	F5A09	1200528008	TRIPBK	Water	A,B,C	3	A
9	01/04/2012 11:32	F5A10	1200528009		Water	A,B,C	3	A
10	01/04/2012 14:09	F5A11	1200528010		Water	A,B,C	3	A

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Ahlstrom, Anjanette	01/05/2012 09:49	ALS Sample Receiving	Sample Login
Anj Ahlstrom	01/05/12 1230	Storage 2	Storage
Storage 2 AG	1-5-12 1400	[signature]	VOA Anal / R61-4

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep / Analysis for: _____ Lab Notebook No.: _____

Prepared / Analyzed by: _____ Date / Time: _____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location

Thu, 01/05/12 12:27 PM

ALSCOCV2.4

00179

ALS Environmental

CHAIN-OF-CUSTODY

Project / Job / Task: EPW11037 | ***Split:*** | **Workorder ID:** 1200528

Client: U. S. EPA Region 6 | **Account:** 8201 | **Type:** 40CGVOA

Comments:

Preservatives: HCL

Containers

Item	Collect Date/Time	Sample ID	Lab ID	QC	Matrix	ID(s)	Count	SOM01.2 VOA Trace, Water
11	01/04/2012 08:25	F5A21	1200528011	FLDBK	Water	A,B	2	A
12								
13								
14								
15								
16								
17								
18								
19								
20								

Requested Analysis

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Ahlstrom, Anjanette	01/05/2012 09:49	ALS Sample Receiving	Sample Login
Anj Ahlstrom	01/05/12 1230	storage 2	storage
Storage 2 ma	1-5-12 1400	[signature]	VOA Anal / R61-4

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep / Analysis for: _____ Lab Notebook No.: _____

Prepared / Analyzed by: _____ Date / Time: _____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location

00180

Thu, 01/05/12 12:27 PM

ALSCOCV2.4

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A00.D Vial: 1
Acq On : 01/05/2012 15:42 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:00:44 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	159014	50.0000 ug/L	102.50
30) Chlorobenzene-d5	10.62	117	120398	50.0000 ug/L	109.76
62) 1,4-dichlorobenzene-d4	13.02	152	75483	50.0000 ug/L	121.27

System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	2.96	96	155	0.1431 ug/L #	1
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.41	83	6102	2.6193 ug/L #	30
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A00.D Vial: 1
Acq On : 01/05/2012 15:42 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:00:44 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	13.03	146	517	0.1941 ug/L #	1
65)	1,4-Dichlorobenzene	13.03	146	517	0.1982 ug/L #	1
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	15.56	180	343	0.2713 ug/L #	12

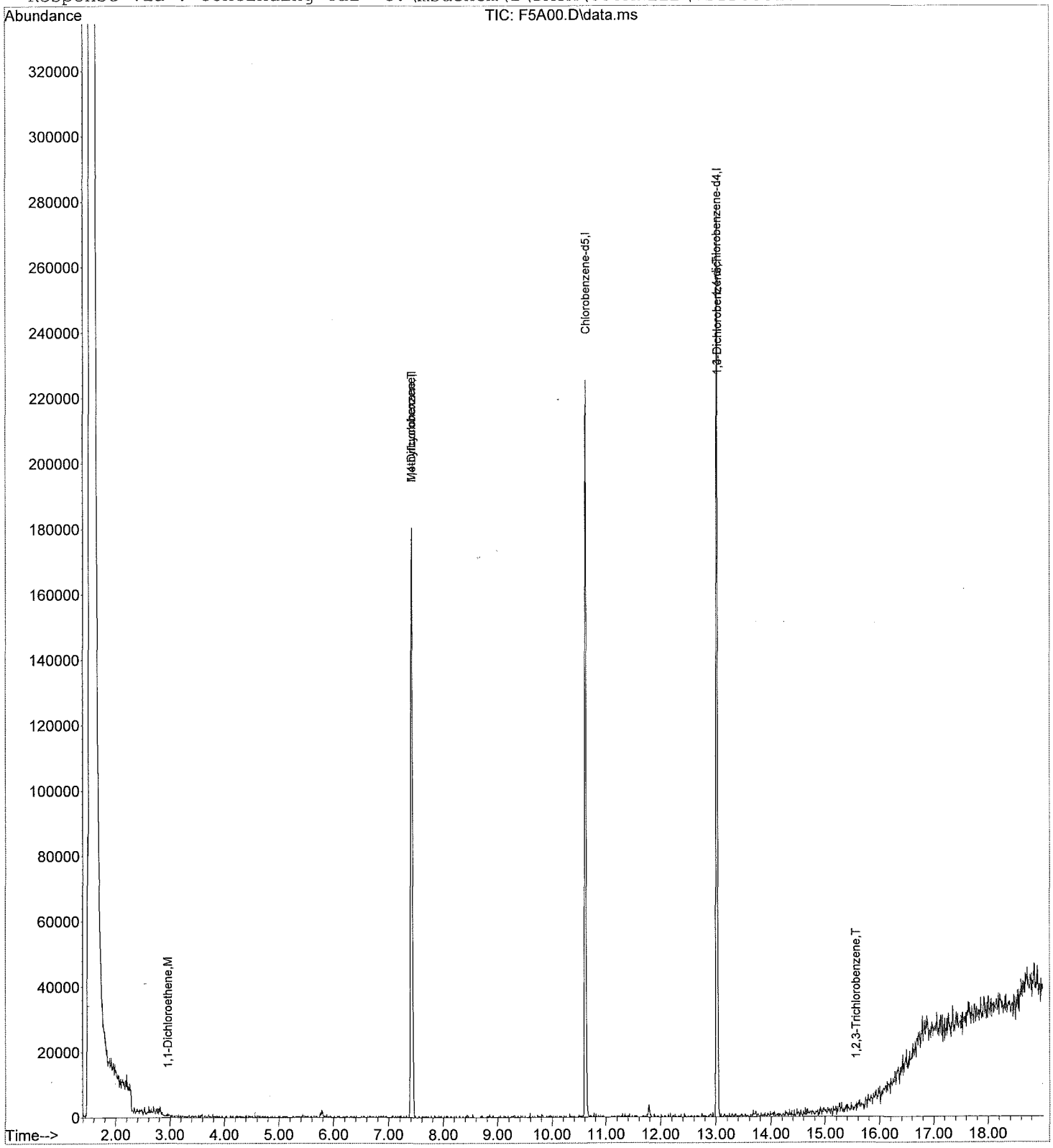
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A00.D Vial: 1
Acq On : 01/05/2012 15:42 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:00:44 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A01.D Vial: 1
Acq On : 01/05/2012 16:09 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:26:47 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	163730	50.0000 ug/L	105.54
30) Chlorobenzene-d5	10.62	117	117213	50.0000 ug/L	106.86
62) 1,4-dichlorobenzene-d4	13.02	152	65403	50.0000 ug/L	105.07
System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	13.46	152	234	0.2023 ug/L	0.40%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.41	83	6123	2.6998 ug/L #	33
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A01.D Vial: 1
Acq On : 01/05/2012 16:09 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:26:47 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	9.04	91	679	0.1646 ug/L #	29
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

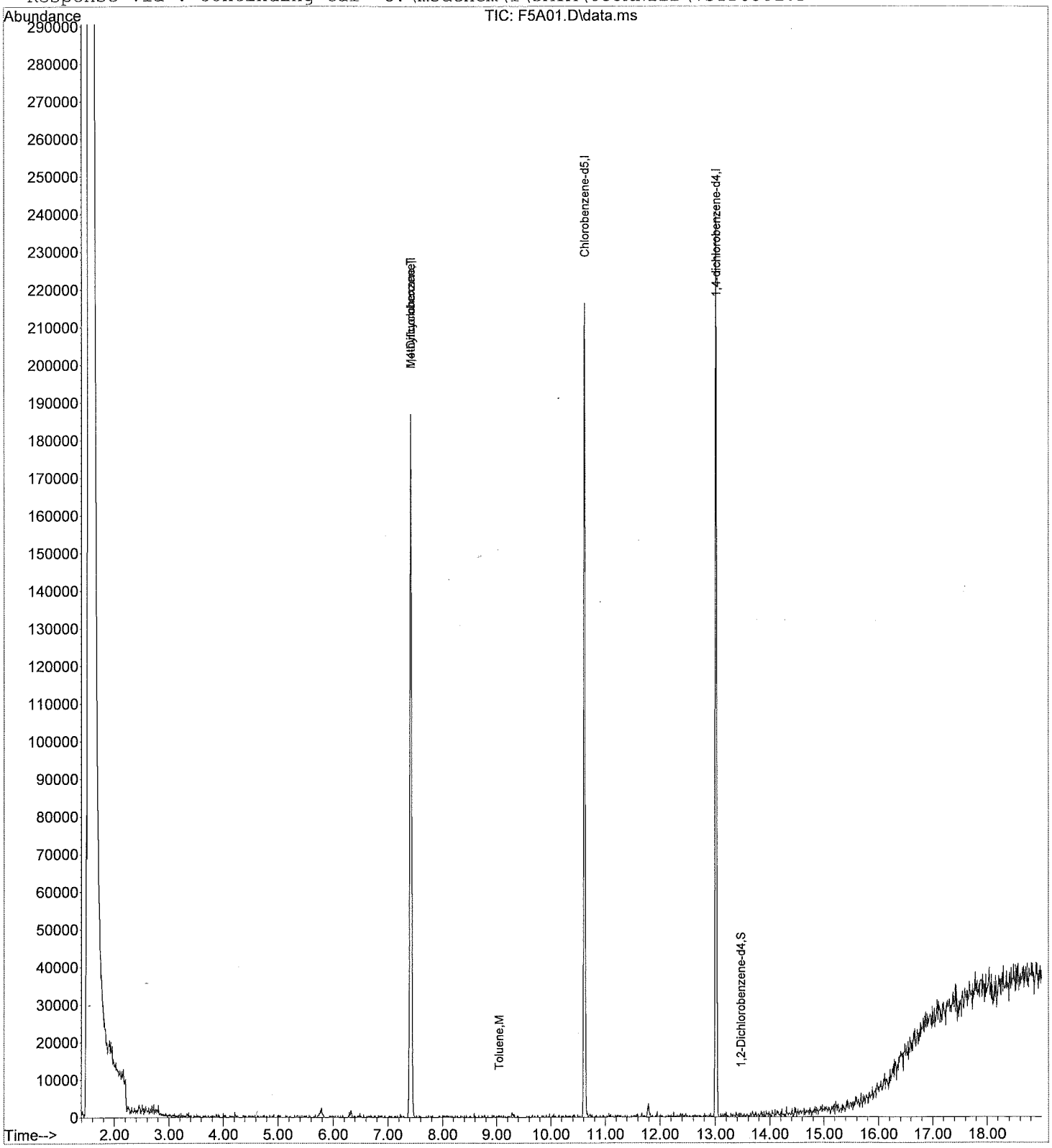
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A01.D Vial: 1
Acq On : 01/05/2012 16:09 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:26:47 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A02.D Vial: 1
Acq On : 01/05/2012 16:35 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:52:57 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	158870	50.0000 ug/L	102.41
30) Chlorobenzene-d5	10.62	117	109218	50.0000 ug/L	99.57
62) 1,4-dichlorobenzene-d4	13.02	152	58758	50.0000 ug/L	94.40

System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	2.95	63	6937	2.3024 ug/L	4.60%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	2.95	96	10594	9.7903 ug/L #	50
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	3.67	43	175	0.6874 ug/L #	36
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	4.60	63	2679	1.4706 ug/L #	61
20) cis-1,2-Dichloroethene	5.44	96	8947	8.7333 ug/L	80
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	7.36	130	3772	3.2142 ug/L	90
37) Methylcyclohexane	7.40	83	6051	2.8633 ug/L #	21
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A02.D Vial: 1
Acq On : 01/05/2012 16:35 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:52:57 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	9.45	164	2620	2.5782 ug/L	83
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

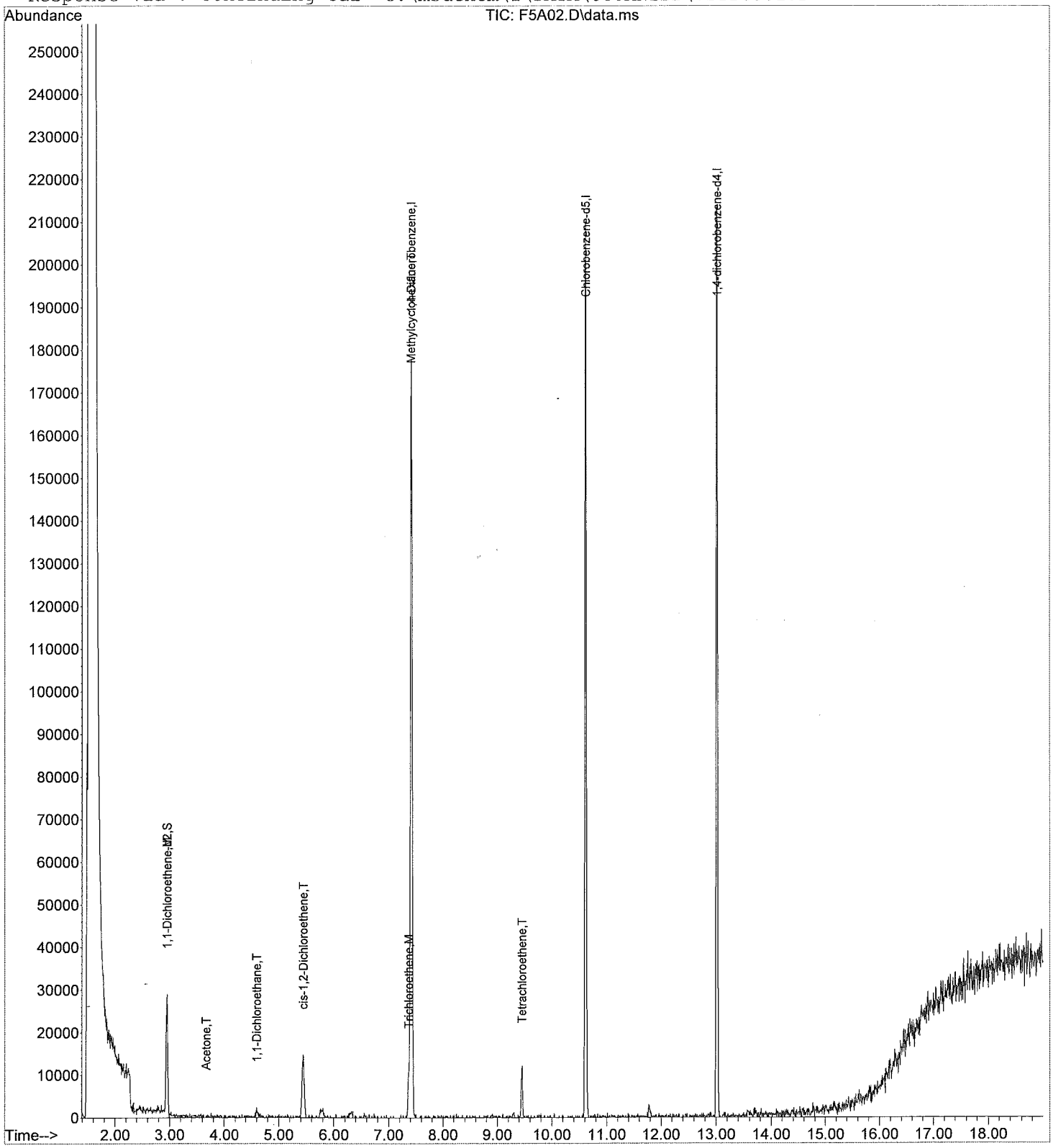
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A02.D Vial: 1
Acq On : 01/05/2012 16:35 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 16:52:57 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A03.D Vial: 1
Acq On : 01/05/2012 17:01 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:19:34 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	168625	50.0000 ug/L	108.69
30) Chlorobenzene-d5	10.62	117	115036	50.0000 ug/L	104.88
62) 1,4-dichlorobenzene-d4	13.02	152	60411	50.0000 ug/L	97.05

System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.41	83	6987	3.1390 ug/L #	28
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A03.D Vial: 1
Acq On : 01/05/2012 17:01 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:19:34 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

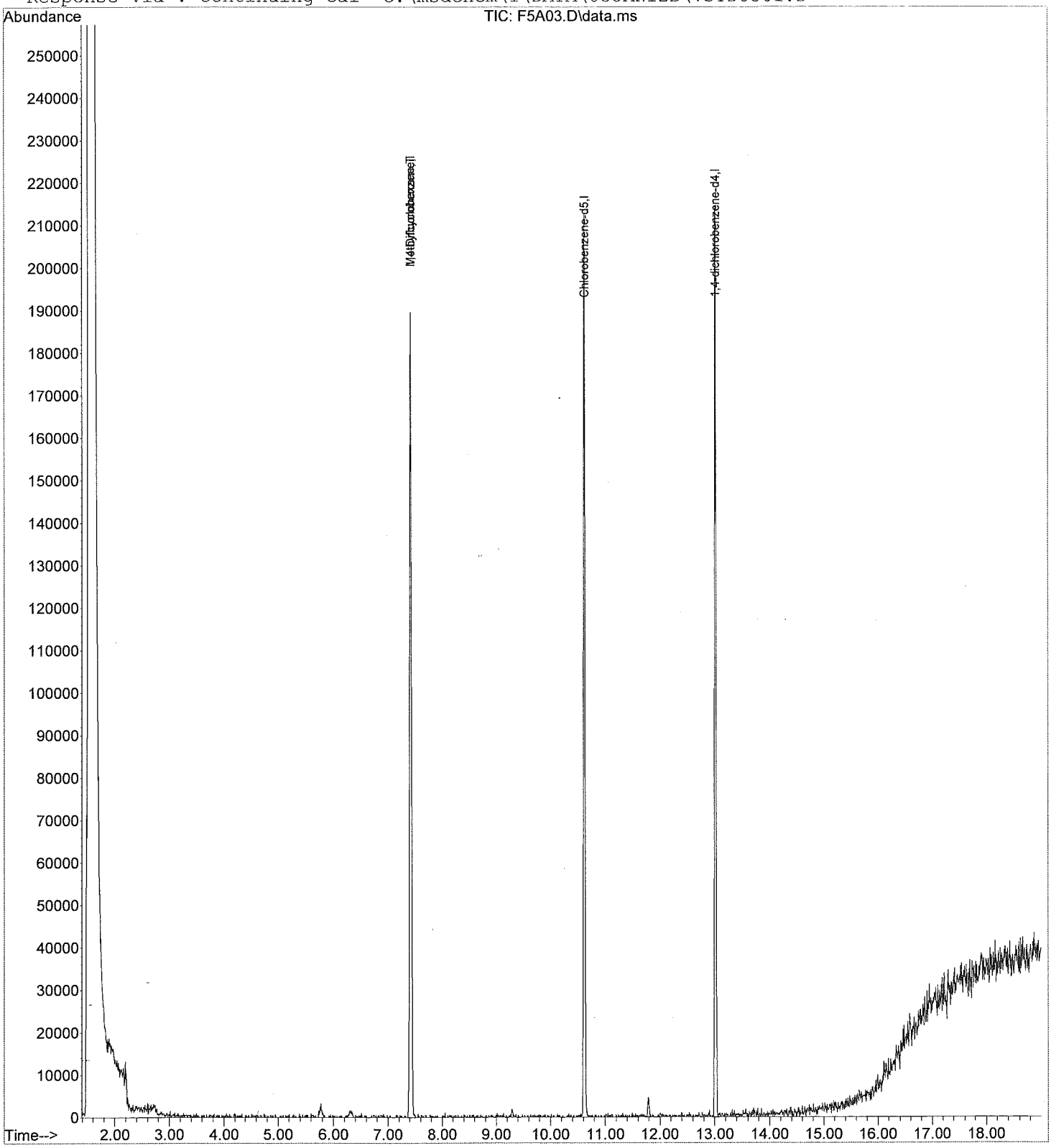
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A03.D Vial: 1
Acq On : 01/05/2012 17:01 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:19:34 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A05.D Vial: 1
Acq On : 01/05/2012 17:28 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:45:58 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	157324	50.0000 ug/L	101.41
30) Chlorobenzene-d5	10.62	117	101395	50.0000 ug/L	92.44
62) 1,4-dichlorobenzene-d4	13.02	152	51868	50.0000 ug/L	83.33
System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.42	83	6966	3.5506 ug/L #	28
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A05.D Vial: 1
Acq On : 01/05/2012 17:28 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:45:58 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

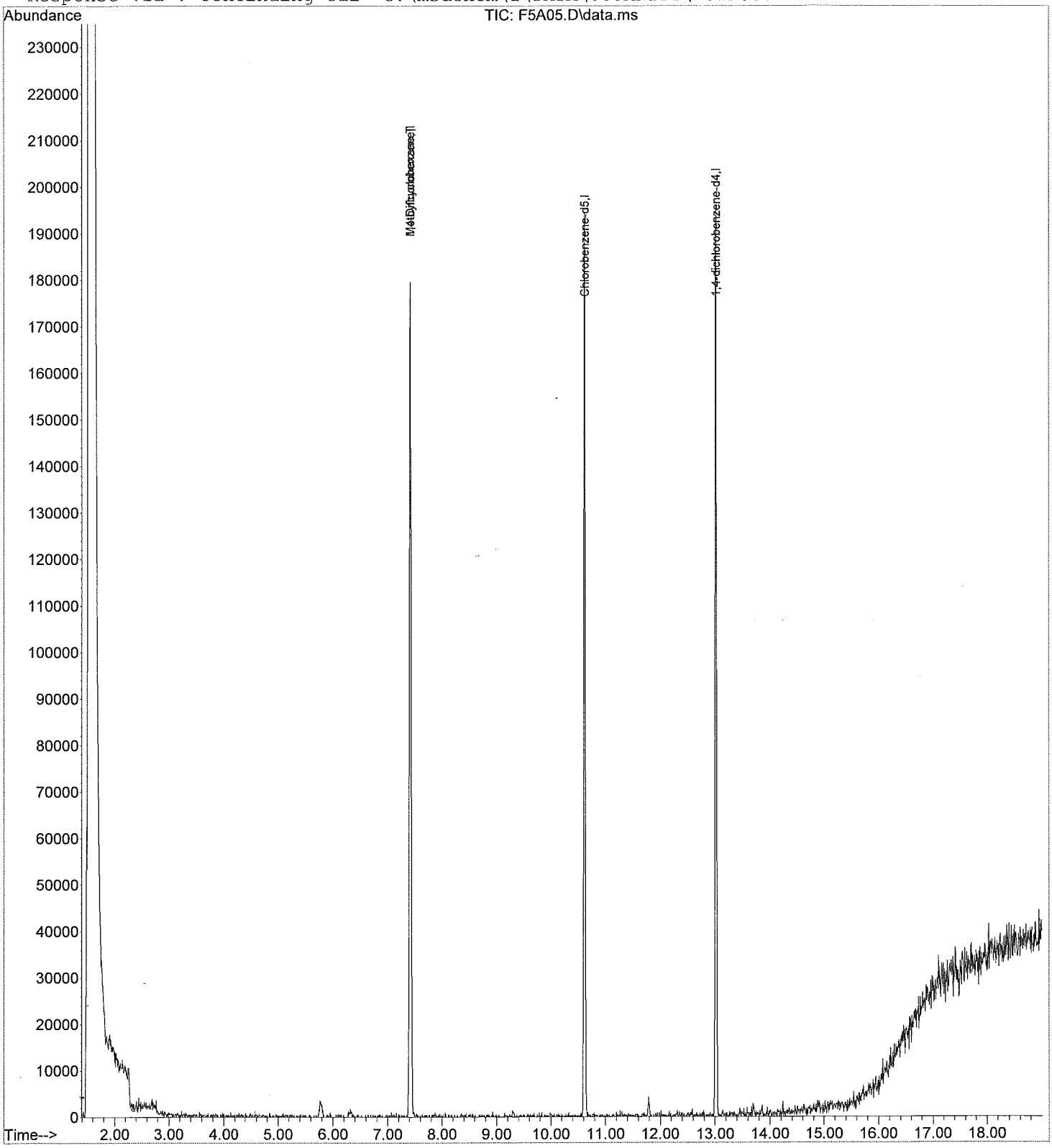
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A05.D Vial: 1
Acq On : 01/05/2012 17:28 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 17:45:58 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A10.D Vial: 1
Acq On : 01/05/2012 17:54 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:12:03 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	160968	50.0000 ug/L	103.76
30) Chlorobenzene-d5	10.62	117	109937	50.0000 ug/L	100.23
62) 1,4-dichlorobenzene-d4	13.02	152	52460	50.0000 ug/L	84.28
System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	4.59	63	406	0.2200 ug/L #	49
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	0.00	88		Not Detected	
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.41	83	6742	3.1695 ug/L #	29
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A10.D Vial: 1
Acq On : 01/05/2012 17:54 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:12:03 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	0.00	43		Not Detected	
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

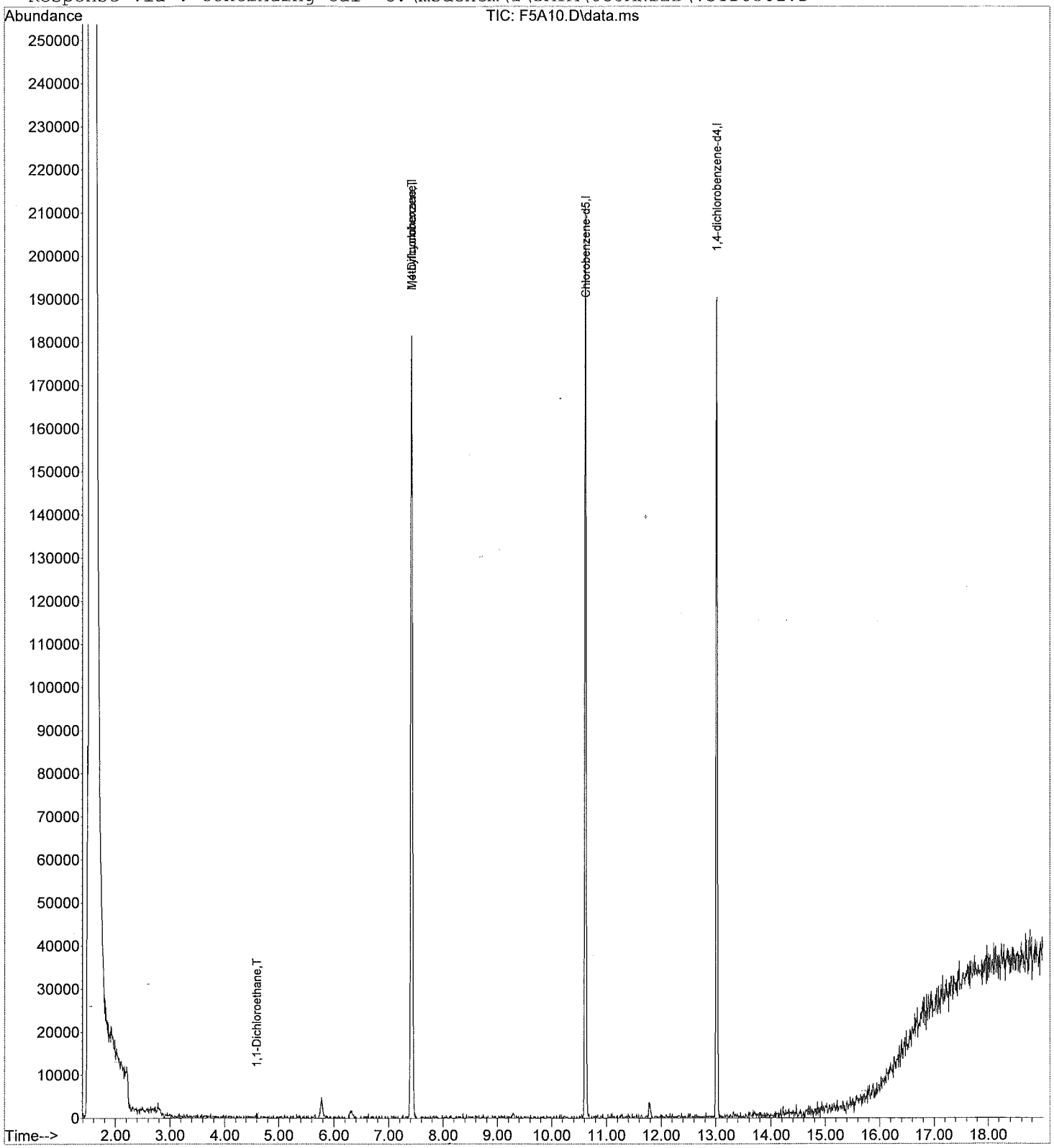
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A10.D Vial: 1
Acq On : 01/05/2012 17:54 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:12:03 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A11.D Vial: 1
Acq On : 01/05/2012 18:20 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:38:07 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

Internal Standards	R.T.	QIon	Response	Conc Units	Area%
1) 1,4-Difluorobenzene	7.42	114	141943	50.0000 ug/L	91.50
30) Chlorobenzene-d5	10.62	117	97309	50.0000 ug/L	88.71
62) 1,4-dichlorobenzene-d4	13.02	152	49265	50.0000 ug/L	79.15
System Monitoring Compounds					%Recovery
5) Vinyl chloride-d3	0.00	65	0	0.0000 ug/L	0.00%#
8) Chloroethane-d5	0.00	69	0	0.0000 ug/L	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.0000 ug/L	0.00%#
22) 2-Butanone-d5	0.00	46	0	0.0000 ug/L	0.00%#
25) Chloroform-d	0.00	84	0	0.0000 ug/L	0.00%#
27) 1,2-Dichloroethane-d4	0.00	65	0	0.0000 ug/L	0.00%#
29) 1,4-Dioxane-d8	0.00	96	0	0.0000 ug/L	0.00%#
35) Benzene-d6	0.00	84	0	0.0000 ug/L	0.00%#
39) 1,2-Dichloropropane-d6	0.00	67	0	0.0000 ug/L	0.00%#
42) cis-1,3-Dichloropropene-d4	0.00	79	0	0.0000 ug/L	0.00%
44) trans-1,3-Dichloropropene-	0.00	79	0	0.0000 ug/L	0.00%#
49) Toluene-d8	0.00	98	0	0.0000 ug/L	0.00%#
52) 2-Hexanone-d5	0.00	63	0	0.0000 ug/L	0.00%#
61) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.0000 ug/L	0.00%#
67) 1,2-Dichlorobenzene-d4	0.00	152	0	0.0000 ug/L	0.00%#
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		Not Detected	
3) Chloromethane	0.00	50		Not Detected	
4) Vinyl chloride	0.00	62		Not Detected	
6) Bromomethane	0.00	94		Not Detected	
7) Chloroethane	0.00	64		Not Detected	
9) Trichlorofluoromethane	0.00	101		Not Detected	
10) 1,1-Dichloroethene	0.00	96		Not Detected	
12) 1,1,2-Trichloro-1,2,2-trif	0.00	101		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Carbon disulfide	0.00	76		Not Detected	
15) Methyl acetate	0.00	43		Not Detected	
16) Methylene chloride	0.00	84		Not Detected	
17) trans-1,2-Dichloroethene	0.00	96		Not Detected	
18) Methyl tert-butyl ether	0.00	73		Not Detected	
19) 1,1-Dichloroethane	0.00	63		Not Detected	
20) cis-1,2-Dichloroethene	0.00	96		Not Detected	
21) 2-Butanone	0.00	43		Not Detected	
23) Bromochloromethane	0.00	128		Not Detected	
24) Chloroform	0.00	83		Not Detected	
26) 1,2-Dichloroethane	0.00	62		Not Detected	
28) 1,4-Dioxane	8.36	88	148	51.4658 ug/L #	25
31) 1,1,1-Trichloroethane	0.00	97		Not Detected	
32) Cyclohexane	0.00	56		Not Detected	
33) Carbon tetrachloride	0.00	117		Not Detected	
34) Benzene	0.00	78		Not Detected	
36) Trichloroethene	0.00	130		Not Detected	
37) Methylcyclohexane	7.42	83	5734	3.0454 ug/L #	30
38) 1,2-Dichloropropane	0.00	63		Not Detected	

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

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A11.D Vial: 1
Acq On : 01/05/2012 18:20 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:38:07 2012 Results File: BWCLPSG.RES

Quant Method : C:\MSDCHEM\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:41 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D
DataAcq Meth : BWCLPSG.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Bromodichloromethane	0.00	83		Not Detected	
41)	cis-1,3-Dichloropropene	0.00	75		Not Detected	
43)	trans-1,3-Dichloropropene	0.00	75		Not Detected	
45)	1,1,2-Trichloroethane	0.00	97		Not Detected	
46)	Dibromochloromethane	0.00	129		Not Detected	
47)	4-Methyl-2-pentanone	9.50	43	164	0.4416 ug/L #	40
48)	Toluene	0.00	91		Not Detected	
50)	Tetrachloroethene	0.00	164		Not Detected	
51)	2-Hexanone	0.00	43		Not Detected	
53)	1,2-Dibromoethane	0.00	107		Not Detected	
54)	Chlorobenzene	0.00	112		Not Detected	
55)	Ethylbenzene	0.00	91		Not Detected	
56)	m,p-Xylene	0.00	106		Not Detected	
57)	o-Xylene	0.00	106		Not Detected	
58)	Styrene	0.00	104		Not Detected	
59)	Isopropylbenzene	0.00	105		Not Detected	
60)	1,1,2,2-Tetrachloroethane	0.00	83		Not Detected	
63)	Bromoform	0.00	173		Not Detected	
64)	1,3-Dichlorobenzene	0.00	146		Not Detected	
65)	1,4-Dichlorobenzene	0.00	146		Not Detected	
66)	1,2-Dichlorobenzene	0.00	146		Not Detected	
68)	1,2-Dibromo-3-chloropropan	0.00	75		Not Detected	
69)	1,2,4-Trichlorobenzene	0.00	180		Not Detected	
70)	1,2,3-Trichlorobenzene	0.00	180		Not Detected	

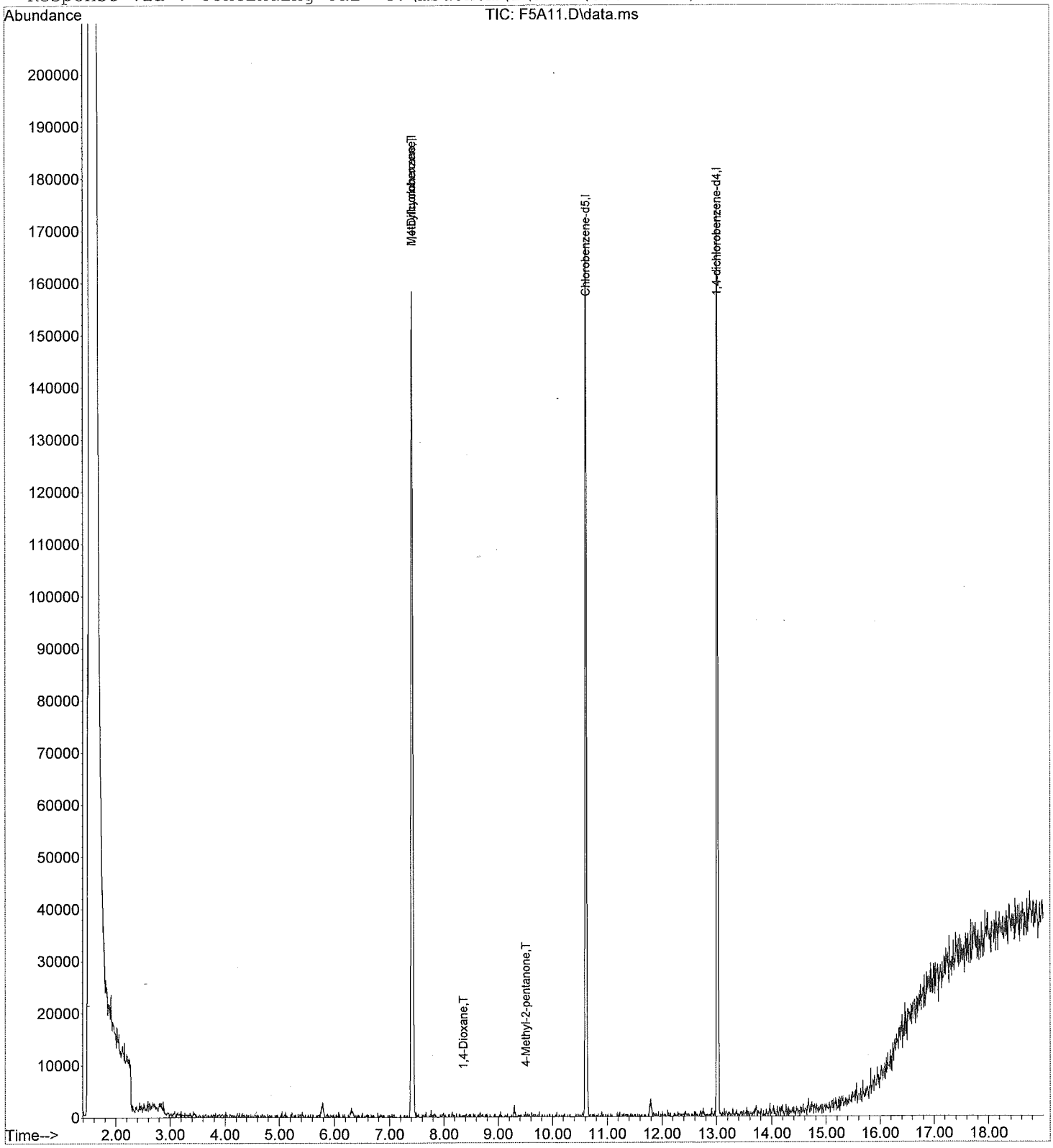
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\msdchem\1\DATA\05JAN12B\F5A11.D Vial: 1
Acq On : 01/05/2012 18:20 Operator: MTG
Sample : 1:10 DIL Inst : 5975-B
Misc : TRACE WATER SCREEN Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Jan 05 18:38:07 2012 Results File: BWCLPSG.RES

Method : C:\msdchem\1\METHODS\BWCLPSG.M (RTE Integrator)
Title : VOA COMPOUND LIST
Last Update : Thu Jan 05 15:04:39 2012
Response via : Continuing Cal C:\msdchem\1\DATA\05JAN12B\VSTD0501.D



From: (972) 315-3922
Jose Flores
EA Engineering, Science, & Tec
11801 West County Road 128

Odessa, TX 79765

Origin ID: MAFA

FedEx Express

J11201108050225

Ship Date: 04JAN12
ActWgt: 50.0 LB
CAD: 1247365/INET3210

Delivery Address Bar Code

Ref # 1434265.B.3
Invoice #
PO #
Dept #

aa
01/05/12
0949

SHIP TO: (801) 266-7700 BILL SENDER

Meredith Edwards
DATACHEM
960 LEVOY DR

SALT LAKE CITY, UT 84123

THU - 05 JAN A1
PRIORITY OVERNIGHT

TRK# 0201 7930 5986 5486

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SLC

50FG1/859H/F5F4

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EPA

W 1200528

y Program
Chain of Custody Record

Case No: 42114
DAS No:
SDG No: F5A00

L

Date Shipped:	1/4/2012
Carrier Name:	FedEx
Airbill:	7930 5986 5486
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

Sampler Signature: Jose Flores

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Jose Flores	1-4-2012 1730	[illegible]	01/05/12 0949
2			
3			
4			

For Lab Use Only

Lab Contract No: EPW 11037
Unit Price: NA
Transfer To: aa 01/05/12
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
F5A00	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499891 (HCL), 6-499892 (HCL), 6-499893 (HCL) (3)	WMW-34B	S: 1/3/2012 16:00	MF5A00	
F5A01	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499894 (HCL), 6-499895 (HCL), 6-499896 (HCL) (3)	WMW-34B-D	S: 1/3/2012 16:00	MF5A01	
F5A02	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499897 (HCL), 6-499898 (HCL), 6-499899 (HCL) (3)	WMW-34A	S: 1/4/2012 9:15	MF5A02	
F5A03	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499900 (HCL), 6-499901 (HCL), 6-499902 (HCL) (3)	WMW-32B	S: 1/4/2012 10:46	MF5A03	
F5A04	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499903 (HCL), 6-499904 (HCL), 6-499905 (HCL) (3)	ER-1	S: 1/3/2012 16:45	MF5A04	
F5A05	Ground Water/ BUD SHIRLEY	L/G	TraceVOA (21)	6-499906 (HCL), 6-499907 (HCL), 6-499908 (HCL) (3)	WMW-33B	S: 1/4/2012 12:45	MF5A05	
F5A08	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499915 (HCL), 6-499916 (HCL), 6-499917 (HCL) (3)	FB-1	S: 1/3/2012 14:27		
F5A09	Deionized Water/ JOSE FLORES	L/G	TraceVOA (21)	6-499918 (HCL), 6-499919 (HCL), 6-499920 (HCL) (3)	TB-1	S: 1/4/2012 9:08		
F5A10	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499921 (HCL), 6-499922 (HCL), 6-499923 (HCL) (3)	WMW-32A	S: 1/4/2012 11:32	MF5A10	
F5A11	Ground Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499924 (HCL), 6-499925 (HCL), 6-499926 (HCL) (3)	WMW-24B	S: 1/4/2012 14:09	MF5A11	

aa 01/05/12

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Fred Sin Dwain Beard	Cooler Temperature Upon Receipt: 3	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? Y	Shipment Iced? Y

TraceVOA = CLP Trace VOA (TVOA) SOM01.2

TR Number: 6-271667327-010412-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

00253

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 42114
DAS No:
SDG No: F5A00

L

Date Shipped:	1/4/2012
Carrier Name:	FedEx
Airbill:	7930 5986 5486
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
[signature]	1-4-2012 1730	[signature]	01/05/12 0999
2			
3			
4			

Sampler Signature: [signature]

For Lab Use Only

Lab Contract No: EPW 11837
Unit Price: NA
Transfer To: aa 01/05/12
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
F5A21	Deionized Water/ DWAINE BEARD	L/G	TraceVOA (21)	6-499954 (HCL), 6-499955 (HCL), 6-499956 (HCL) (3)	FB-2	S: 1/4/2012 8:25		Split Field Sample aa 01/05/12

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [signature] Dwaine Beard	Cooler Temperature Upon Receipt: 3	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y
TraceVOA = CLP Trace VOA (TVOA) SOM01.2				

TR Number: 6-271667327-010412-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

002204

Sample Delivery Group (SDG)
Cover Sheet

SDG Number: F5A00

☐ ARO ☐ PEST ☐ BNA ☐ BNASIM ☒ VT ☐ VOASIM ☐ VLM

Laboratory Name: ALS Laboratory Group (SLC)

Laboratory Code: DATAC

Contract No.: EPW11037

Case No.: 42114

Analysis Price: N/A

SDG Turnaround: 21

Modified Analysis Requested: NO

Program: SOM01.2

Modification Reference No.: N/A

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) F5A00	7) F5A08	13)	19)
2) F5A01	8) F5A09	14)	20)
3) F5A02	9) F5A10	15)	21)
4) F5A03	10) F5A11	16)	22)
5) F5A04	11) F5A21	17)	23)
6) F5A05	12)	18)	24)

F5A00	F5A21
First Sample in SDG	Last Sample in SDG
01/05/12	01/05/12
First Sample Receipt Date	Last Sample Receipt Date

Note: *There are a maximum of 20 field samples (excluding PE samples) in an SDG. Attach the TR/COC records to this form in alphanumeric order (the order listed above on this form).*

Signature: Merrell Stuart

Date: 1/13/2012

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Tag Number 6- 499891

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A00
Station Location: WMW-34B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499891

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Tag Number 6- 499892

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A00
Station Location: WMW-34B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499892

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Tag Number 6- 499893

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A00
Station Location: WMW-34B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499893

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499894

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A01
Station Location: WMW-34B-D
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499894

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499895

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A01
Station Location: WMW-34B-D
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499895

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1600		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499896

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A01
Station Location: WMW-34B-D
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499896

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	915		

Tag Number 6- 499897

Station Location

Samplers (Signatures) Dwain Beard

Preservative:

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A02
Station Location: WMW-34A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499897

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	915		

Tag Number 6- 499898

Station Location

Samplers (Signatures) Dwain Beard

Preservative:

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A02
Station Location: WMW-34A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499898

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	915		

Tag Number 6- 499899

Station Location

Samplers (Signatures) Dwaine Beard

Preservative:

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A02
Station Location: WMW-34A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499899

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-04-12	1046	Comp.	Grab

Tag Number 6- 499900

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A03
Station Location: WMW-32B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499900

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-04-12	1046	Comp.	Grab

Tag Number 6- 499901

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42114
Sample Number: F5A03
Station Location: WMW-32B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499901

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-04-12	1046	Comp.	Grab

Tag Number 6- 499902

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A03
Station Location: WMW-32B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499902

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1/3/12	1645		

Tag Number: 6- 499903

Station Location

Samplers (Signatures): Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A04
Station Location: ER-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499903

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1/3/12	1645		

Tag Number: 6- 499904

Station Location

Samplers (Signatures): Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A04
Station Location: ER-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499904

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1/3/12	1645		

Tag Number: 6- 499905

Station Location

Samplers (Signatures): Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A04
Station Location: ER-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499905

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-12	1245	Comp.	Grab

Station Location

Samplers (Signatures)

Tag Number 6- 499906

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42114
Sample Number: F5A05
Station Location: WMW-33B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499906

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-12	1245	Comp.	Grab

Station Location

Samplers (Signatures)

Tag Number 6- 499907

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A05
Station Location: WMW-33B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499907

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-12	1245	Comp.	Grab

Station Location

Samplers (Signatures)

Tag Number 6- 499908

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42114
Sample Number: F5A05
Station Location: WMW-33B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499908

GPO: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1427		

Tag Number 6- 499915

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42114
Sample Number: F5A08
Station Location: FB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499915

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1427		

Tag Number 6- 499916

Station Location

Samplers (Signatures) Dwain Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks.

Case Number: 42114
Sample Number: F5A08
Station Location: FB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499916

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-03-12	1427		

Tag Number 6- 499917

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Preservative:

Case Number: 42114
Sample Number: F5A08
Station Location: FB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499917

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-2012	0908	Comp.	Grab

Tag Number 6- 499918

Station Location

Samplers (Signatures)

Concentration: ☐L ☐M ☐H

Lab Sample No.

Case Number: 42114
Sample Number: F5A09
Station Location: TB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499918

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-2012	0908	Comp.	Grab

Tag Number 6- 499919

Station Location

Samplers (Signatures)

Concentration: ☐L ☐M ☐H

Lab Sample No.

Case Number: 42114
Sample Number: F5A09
Station Location: TB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499919

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
		1-4-2012	0908	Comp.	Grab

Tag Number 6- 499920

Station Location

Samplers (Signatures)

Concentration: ☐L ☐M ☐H

Lab Sample No.

Case Number: 42114
Sample Number: F5A09
Station Location: TB-1
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499920

Preservative:

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	1132 ~~1032~~		

Station Location

Samplers (Signatures): Dwain Beard

Tag Number: 6- 499921

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Preservative:

Case Number: 42114
Sample Number: F5A10
Station Location: WMW-32A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499921

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	1132 ~~1032~~		

Station Location

Samplers (Signatures): Dwain Beard

Tag Number: 6- 499922

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Remarks:

Case Number: 42114
Sample Number: F5A10
Station Location: WMW-32A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499922

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12 ~~1-04-12~~	1132 ~~1032~~		

Station Location

Samplers (Signatures): Dwain Beard

Tag Number: 6- 499923

Lab Sample No.

Concentration: ☐ L ☐ M ☐ H

Case Number: 42114
Sample Number: F5A10
Station Location: WMW-32A
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499923

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	1409		

Tag Number 6- 499924

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A11
Station Location: WMW-24B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499924

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	1409		

Tag Number 6- 499925

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A11
Station Location: WMW-24B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499925

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	1409		

Tag Number 6- 499926

Station Location

Samplers (Signatures) Dwaine Beard

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A11
Station Location: WMW-24B
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499926

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	825		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499954

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Remarks:

Case Number: 42114
Sample Number: F5A21
Station Location: FB-2
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499954

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	825		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499955

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A21
Station Location: FB-2
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499955

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab
		1-04-12	825		

Station Location

Samplers (Signatures): Dwaine Beard

Tag Number 6- 499956

Concentration: ☐ L ☐ M ☐ H

Lab Sample No.

Case Number: 42114
Sample Number: F5A21
Station Location: FB-2
Sample Type: Grab
Perservative: HCL
Analysis: CLP Trace VOA (TVOA) SOM01.2
Concentration: L
Tag Number: 6-499956

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

SAMPLE LOG-IN SHEET

FORM-DC-1

Lab Name: ALS Laboratory Group	Page 1 of 1
Received By (Print Name): Anjanette Allestrom	Log-In Date: 01/05/12
Received By (Signature): Anjanette Allestrom	
Case Number: 42114	Sample Delivery Group No.: F5A88
	Mod. Ref. No.: NA

Remarks:

		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal (s)	Present/Absent* Intact/Broken*	F5A88	6499891-93	12005280 001	TVOA Water
2. Custody Seal Nos.	NA / 1	81	894-96	002	
		82	897-99	003	
		83	900-02	004	
3. Traffic Report/ Chain-of Custody Records (TR/COCs) or Packing Lists	Present/Absent*	84	903-05 aw 01/05/12	005	
4. Airbill	Airbill/Sticker Present/Absent*	85	906-08	006	
		88	915-17	007	
5. Airbill No.	7930 5986 5486 / NA	89	918-20	008	
		10	921-23	009	
6. Sample Tags	Present/Absent*	11	924-26	010	
Sample Tag Numbers	Listed/Not Listed on Chain-of-Custody	21	954-56	011	One Broken
7. Sample Condition	Intact/Broken*/Leaking*				
8. Cooler Temperature Indicator Bottle	Present/Absent*				
9. Cooler Temperature	3°				
10. Does information on TR/COCs, and sample tags agree?	Yes/No*				
11. Date Received at Laboratory	01/05/12				
12. Time Received	0949				
Sample Transfer					
Fraction: TVOA	Fraction:				
Area #: Storage 2	Area #:				
By: aa	By:				
On: 01/05/12	On:				

aa 01/05/12

aa 01/05/12

* Contact SMO and attach record of resolution

Reviewed By: [signature]	Logbook No.: Not Applicable
Date: 1/5/12	Logbook Page No.: Not Applicable

EPA-CLP CHECKING DOCUMENTATION FORM FOR GC/MS ORGANICS ANALYSIS

Case 42114 SDG F5A00 Fraction Trace VOA

DELIVERABLES CHECK - All forms are present and have been checked for completeness and accuracy. All raw data such as quantitation reports, chromatograms, and spectra are included and are in the correct order.

Signature _____ Date 1/19/12

CCS CHECK - The computer-readable data submitted on diskette has been checked using CCS software provided by EPA. Necessary corrections to the diskette have been made if it is possible to correct the deficiency.

Signature _____ Date 1/19/12

CHEMIST CHECK or **PEER REVIEW** - Target compounds reported have been verified against the reference spectra. For target compounds which have isomers, the relative retention time has been verified against the relative retention time of the continuing standard. All target compounds present are reported on the Form I and the reported values are correct.

Signature _____ Date 1.19.12

MANAGER CHECK - The data package for the fraction includes all samples submitted for the sample delivery group. All QC requirements of the contract were met with the exception of items specifically mentioned in the narrative. All documents necessary for the case file are included.

Signature _____ Date 1.19.12

DOCUMENT CONTROL CHECK - All documents, forms, and data required for reporting are present and in the correct order. All required miscellaneous data (e.g., Traffic reports, Sample tags, Airbills, etc.) are also included.

Signature _____ Date 1/20/12

Roxanne Olson

From: Blackmon, Jacqueline <jblackmon3@fedcsc.com>
Sent: Thursday, January 05, 2012 1:04 PM
To: Meredith D. Edwards; Roxanne Olson
Cc: Marvelyn Humphrey; Myra Perez; Raymond Flores
Subject: Region 06 | Case 42114 | Lab DATAC | Issue Damaged samples | FINAL
Attachments: 42114.pdf

Roxy,

Summary Start
Issue: One TVOA vial for sample F5A21 with tag number 6-499955 was received broken. The laboratory has two remaining vials to perform the analysis. The laboratory will inform SMO if any issues arise.
Resolution: In accordance with previous direction from Region 6, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples. If re-extraction/reanalysis is necessary, the laboratory will contact the SMO coordinator and wait for a resolution.
Summary End

Please let me know if you have any questions or problems. To waive any defect(s) associated with this issue, please contact your PO.
Thanks,
Jackie (Blackmon) Washington
Environmental Coordinator- Regions 6, 9 and ASB (QB/PE)
CSC

15000 Conference Center Drive, Chantilly VA 20151
Civil Division | office phone 703-818-4184 | fax 703-818-4601 | jblackmon3@fedcsc.com | www.csc.com
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From: Roxanne Olson [mailto:Roxanne.Olson@ALSGlobal.com]
Sent: Thursday, January 05, 2012 2:53 PM
To: Blackmon, Jacqueline
Subject: FW: 42114

Jackie:

Please see Janette's comment below concerning the broken vial. We will have one opportunity for analysis with the two remaining vials for that sample. If problems arise I will let you know.

Roxy

From: Anjanette Ahlstrom
Sent: Thursday, January 05, 2012 11:46 AM
To: Roxanne Olson

Cc: Meredith D. Edwards
Subject: 42114

Please advise Region 6 that one TVOA sample F5A21 with tag 6-499955 was received broken. We have two samples remaining for analyses.

AnJanette Ahlstrom
SAMPLE RECIEPT TECHNICIAN, SALT LAKE CITY, UTAH

ALS | Environmental
960 W. LeVoy Drive
Salt Lake City, Utah 84123

PHONE +1 801 266 7700
FAX +1 801 268 9992

www.alsglobal.com
anjanette.ahlstrom@alsglobal.com

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ALS Group: Click here to report this email as spam.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-35-4	1,1-Dichloroethene	2.7		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-34-3	1,1-Dichloroethane	0.80		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	156-59-2	cis-1,2-Dichloroethene	5.4		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-01-6	Trichloroethene	1.8		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-88-3	Toluene	0.97		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	127-18-4	Tetrachloroethene	1.0		ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	100-41-4	Ethylbenzene	0.14	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	95-47-6	o-Xylene	0.16	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	179601-23-1	m,p-Xylene	0.43	LJ	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B
42114	F5A00	F5A00	1200528001	W	01/10/2012	20:14:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B

42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-35-4	1,1-Dichloroethene	3.0		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	156-60-5	trans-1,2-Dichloroethene	0.11	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-34-3	1,1-Dichloroethane	0.83		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	156-59-2	cis-1,2-Dichloroethene	5.5		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-01-6	Trichloroethene	2.1		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-88-3	Toluene	0.92		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	127-18-4	Tetrachloroethene	1.1		ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	100-41-4	Ethylbenzene	0.14	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	95-47-6	o-Xylene	0.16	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	179601-23-1	m,p-Xylene	0.48	LJ	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D
42114	F5A00	F5A01	1200528002	W	01/10/2012	17:37:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	WMW-34B-D

42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-35-4	1,1-Dichloroethene	95	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	156-60-5	trans-1,2-Dichloroethene	2.2		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-34-3	1,1-Dichloroethane	15		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	156-59-2	cis-1,2-Dichloroethene	100	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	67-66-3	Chloroform	0.70		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	107-06-2	1,2-Dichloroethane	2.0		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-01-6	Trichloroethene	46	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-88-3	Toluene	0.35	LJ	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-00-5	1,1,2-Trichloroethane	0.67		ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	127-18-4	Tetrachloroethene	37	*	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	179601-23-1	m,p-Xylene	0.10	LJ	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A
42114	F5A00	F5A02	1200528003	W	01/10/2012	23:23:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-34A

42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-71-8	Dichlorodifluoromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-87-3	Chloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-01-4	Vinyl chloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-83-9	Bromomethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-00-3	Chloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-69-4	Trichlorofluoromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-35-4	1,1-Dichloroethene	92		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	67-64-1	Acetone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-15-0	Carbon disulfide	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-20-9	Methyl acetate	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-09-2	Methylene chloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	156-60-5	trans-1,2-Dichloroethene	2.4	*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	1634-04-4	Methyl tert-butyl ether	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-34-3	1,1-Dichloroethane	16	*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	156-59-2	cis-1,2-Dichloroethene	100		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	78-93-3	2-Butanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	74-97-5	Bromochloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	67-66-3	Chloroform	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	71-55-6	1,1,1-Trichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	110-82-7	Cyclohexane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	56-23-5	Carbon tetrachloride	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	71-43-2	Benzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	107-06-2	1,2-Dichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-01-6	Trichloroethene	46		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-87-2	Methylcyclohexane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	78-87-5	1,2-Dichloropropane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-27-4	Bromodichloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	10061-01-5	cis-1,3-Dichloropropene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-10-1	4-Methyl-2-Pentanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-88-3	Toluene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	10061-02-6	trans-1,3-Dichloropropene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-00-5	1,1,2-Trichloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	127-18-4	Tetrachloroethene	36		ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	591-78-6	2-Hexanone	50	U*	ug/L	50	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	124-48-1	Dibromochloromethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	106-93-4	1,2-Dibromoethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	108-90-7	Chlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	100-41-4	Ethylbenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	95-47-6	o-Xylene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	179601-23-1	m,p-Xylene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	100-42-5	Styrene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	75-25-2	Bromoform	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	98-82-8	Isopropylbenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	541-73-1	1,3-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	106-46-7	1,4-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	95-50-1	1,2-Dichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	120-82-1	1,2,4-Trichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A
42114	F5A00	F5A02DL	1200528003DL	W	01/10/2012	22:52:00	87-61-6	1,2,3-Trichlorobenzene	5.0	U*	ug/L	5.0	01/04/2012	WMW-34A

42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-35-4	1,1-Dichloroethene	0.58		ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-34-3	1,1-Dichloroethane	0.15	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	156-59-2	cis-1,2-Dichloroethene	0.49	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-01-6	Trichloroethene	0.30	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-88-3	Toluene	0.66		ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	127-18-4	Tetrachloroethene	0.23	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	179601-23-1	m,p-Xylene	0.20	LJ	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B
42114	F5A00	F5A03	1200528004	W	01/10/2012	18:08:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32B

42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1
42114	F5A00	F5A04	1200528005	W	01/10/2012	20:46:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	ER-1

42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-35-4	1,1-Dichloroethene	0.55		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-34-3	1,1-Dichloroethane	0.36	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	156-59-2	cis-1,2-Dichloroethene	0.99		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-01-6	Trichloroethene	0.45	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-88-3	Toluene	0.61		ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	127-18-4	Tetrachloroethene	0.32	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	100-41-4	Ethylbenzene	0.11	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	95-47-6	o-Xylene	0.12	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	179601-23-1	m,p-Xylene	0.33	LJ	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B
42114	F5A00	F5A05	1200528006	W	01/10/2012	18:40:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-33B

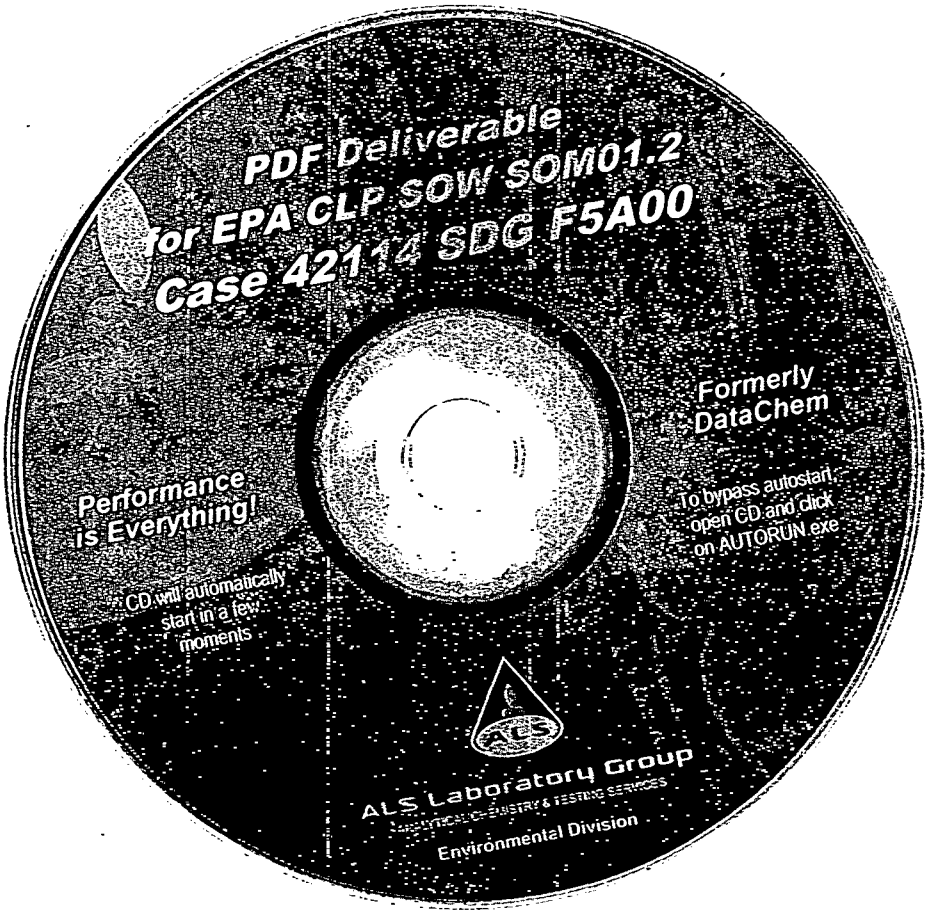
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1
42114	F5A00	F5A08	1200528007	W	01/10/2012	21:17:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/03/2012	FB-1

42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1
42114	F5A00	F5A09	1200528008	W	01/10/2012	21:49:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	TB-1

42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-35-4	1,1-Dichloroethene	3.3		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-34-3	1,1-Dichloroethane	5.2		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	156-59-2	cis-1,2-Dichloroethene	1.9		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	67-66-3	Chloroform	0.33	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	107-06-2	1,2-Dichloroethane	0.42	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-01-6	Trichloroethene	2.1		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-88-3	Toluene	0.33	LJ	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	127-18-4	Tetrachloroethene	3.0		ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A
42114	F5A00	F5A10	1200528009	W	01/10/2012	19:11:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-32A

42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-88-3	Toluene	0.72		ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	179601-23-1	m,p-Xylene	0.14	LJ	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B
42114	F5A00	F5A11	1200528010	W	01/10/2012	19:43:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	WMW-24B

42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	67-64-1	Acetone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	71-43-2	Benzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-10-1	4-Methyl-2-Pentanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-88-3	Toluene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	100-42-5	Styrene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2
42114	F5A00	F5A21	1200528011	W	01/10/2012	22:20:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	01/04/2012	FB-2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SHIP DATE: 24JAN12
ACTWGT: 3.4 LB
CAD: 0697760/CAFE2509

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MEGJOU
281-983-2100 2133
USEPA ENVIRONMENTAL SVCS DIV
10625 FALLSTONE RD
HOUSTON TX 77099

7 LBS

1 OF 1

DWT: 13,10,4

SHIP TO:
V. MALOTT, 6SF-RA
281-983-2100 2133
US EPA REGION 6
SUITE 1200
1445 ROSS AVENUE
DALLAS TX 75202-2750

TX 752 9-33

UPS GROUND

TRACKING #: 1Z A42 00W 03 9542 7260

BILLING: P/P

Reference # 1: CSA_9173

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VINCENT MALOTT
Location:
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Sender:
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